ESSENTRA COMPONENTS



# OVER 17,000 PRODUCTS

# **WHY** ESSENTRA COMPONENTS?

We combine the expertise and flexibility of a manufacturer with the service and range of a distributor.

**65+ YEARS** solving customer challenges

Operations in **29 COUNTRIES** worldwide

**45,000** products available

**80 MILLION** parts produced each week

## THIS IS ESSENTRA COMPONENTS

- 1940s — FORMATION OF **FILTRONA CORPORATION**
- 1955 — FORMATION OF **MOSS PLASTIC PARTS**
- 1987 — ACQUISITION OF **ALLIANCE**
- 2004 — ACQUISITION OF **SKIFFY**
- 2011 — AQUISITION OF **REID**
- 2011 — ACQUISITION OF **RICHCO**
- 2013 — ACQUISITION OF **MESAN**
- 2014 — ACQUISITION OF **ABRIC and KELVINDALE**
- 2015 — ACQUISITION OF **SPECIALTY PLASTICS**
- 2017 — ACQUISITION OF **MICRO PLASTICS**
- 2018 — ACQUISITION OF **HERTILA**
- 2019 — ACQUISITION OF **INNOVATIVE COMPONENTS**
- 2021 — ACQUISITION OF **HENGZHU**
- 2022 — ACQUISITION OF **THE WIXROYD GROUP**
- 2023 — ACQUISITION OF **BMP TAPPI**

## Manufacturing Sites:




- **14** Manufacturing Facilities
- **24** Distribution Centres
- **4** R&D Centres
- **>2** BILLION Part in stock
- **33** Sales and Service Locations
- **60** MILLION Parts produced each week

## HASSLE FREE SERVICE

EQUIPMENT MANUFACTURERS • AUTOMOTIVE • ELECTRICAL MANUFACTURERS • TRANSPORT/LOGISTICS • POS/RETAIL

**1 BILLION** PARTS IN STOCK

**70%** OF TOP 100 GLOBAL MANUFACTURERS

**90%** OF ELECTRONICS MANUFACTURERS

**100%** OF TOP 15 GLOBAL AUTO TIER 1 SUPPLIERS

**17** PRODUCT RANGES

**5.6 MILLION** CUSTOM SOLUTIONS PRODUCED TO DATE

SHIPPING OVER **17,000** ORDERS EACH WEEK

PROCESSING **1.8M** ORDER LINES A YEAR

SENDING OVER **300,000** SAMPLE ORDERS TO CUSTOMERS

**80,000** CUSTOMERS WORLDWIDE



CAPS & PLUGS



ACCESS HARDWARE



CABLE MANAGEMENT



FASTENERS



PIPE & FLANGE AND HOSE PROTECTION



CIRCUIT BOARD HARDWARE



HIGH TEMPERATURE MASKING



KNOBS, HANDLES & GRIPS

**FREE** CAD

**FREE** SAMPLES

**FREE** DESPATCH

**CUSTOM** SOLUTIONS

## WORKING FOR A BETTER LIFE

All principal manufacturing sites are **ISO 14001** accredited.

**ISO 14001** ACCREDITED

**SUPPORT** the creation of prosperous, educated, sustainable and healthy **COMMUNITIES** wherever we operate.

**DEVELOPED TARGETED PROGRAMMES** often involving commercial sponsorship and significant **EMPLOYEE ENGAGEMENT.**

**79%** EMPLOYEE ENGAGEMENT

# NEW PRODUCTS AND EXPANDED LINES




**Knurled Cap**
PG 49




**Pipe Cap**
PG 77




**Ribbed Pipe-End Plug**
PG 96




**Pole Plug**
PG 96




**Releasable Cable Ties**
PG 204




**Mounted Cale Ties**
PG 204




**Grommet Strips**
PG 291




**Sheet Metal Plug**
PG 297




**Pipe Bevel Protection Gasket**
PG 579




**Ribbed Square Inserts**
PG 642




**Standard Round Ribbed Inserts**
PG 673




**Round Tube Insert**
PG 676




**Ribbed Rectangular Inserts**
PG 678




**Bolt and Nut Protection Caps**
PG 696

# NEW RANGE AVAILABLE IN POST-CONSUMER RECYCLED MATERIAL

At Essentra we are aiming to be the world's leading, responsible, hassle free supplier of essential industrial components. We are committed to supporting our customers to achieve their sustainability goals and objectives, by developing sustainable industrial component solutions. Our in-house manufacturing capabilities in Milan, Italy allows us to now produce over 900 SKUs in **Post Consumer Recycled** material without compromise on quality.

POST-CONSUMER RECYCLED MATERIAL

## FLUID PROTECTION


SRCALSAEPCR


SRQCFPCR


SRQCMPCR


SRTOPCR


SRTSFL2PCR

## METAL FABRICATION FINISHING


SRILQPCR


SRILRPCR


SRILTPCR


SRILTBPCR


SRILTTPCR

## PIPE AND FLANGE PROTECTION


SRCFSTPCR


SRCXFRPCR


SRILUPCR


SRILUHPCR


SRTXTPCR

## STORAGE AND TRANSIT PROTECTION


SRSTPCR


SRSTCPCR


SRSTCFPCR


SRSTLLPCR

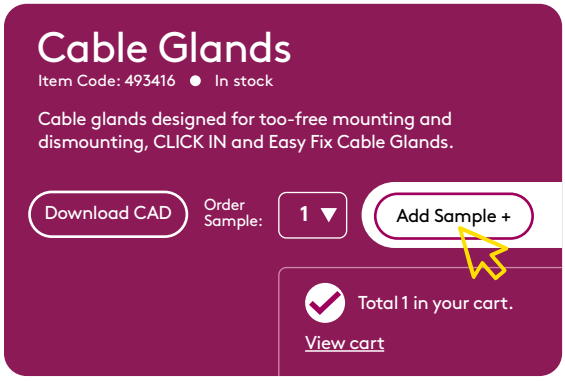

SRTFUPPCR

ESSENTRA COMPONENTS

Visit **www.essentracomponents.com.au** now to find out more on the **Post Consumer Recycled**!

# Request **FREE Samples** In **3 Easy Steps:**

1. Find the product you would like to sample
2. Click the "Free Sample" button
3. Checkout




Visit **www.essentracomponents.com** now!

## CAD DRAWINGS FOR YOUR PROJECT

ESSENTRA COMPONENTS



Engineers, designers and students the world over have discovered the benefits of downloading and inserting 3D CAD drawings directly into their projects. With tens-of-thousands of **FREE** drawings available, you'll have a wide array of parts to choose from.

To visit **www.essentracomponents.com** to find out more.



ESSENTRA COMPONENTS

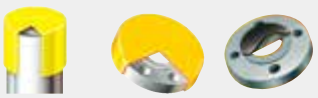
# ACCESS SOLUTIONS




**FREE**
**Scan to get Catalogue Now!**

- Industrial Locks / Latches
- Hinges
- Gaskets
- Handles - Accessories
- Stainless Steel Products
- Electromechanical Products

# CONTENTS

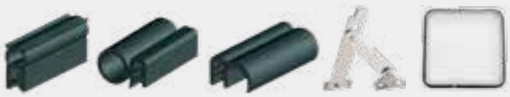

| | | |
|---|---|---|
| 14-71 |  | CAPS AND PLUGS |
| 72-91 |  | HYDRAULIC AND PNEUMATIC PROTECTION |
| 92-105 |  | PIPE AND FLANGE PROTECTION |
| 106-127 |  | HIGH TEMPERATURE MASKING |
| 128-179 |  | CIRCUIT BOARD HARDWARE |
| 180-191 |  | CARD GUIDES AND PULLERS |
| 192-197 |  | LED HARDWARE |
| 198-317 |  | CABLE TIES AND CABLE MANAGEMENT |
| 318-349 |  | EMI SUPPRESSION FERRITE CORES |
| 350-363 |  | FIBRE MANAGEMENT |

# CONTENTS


FAN ACCESSORIES  364-371

FASTENERS AND FIXINGS  372-437

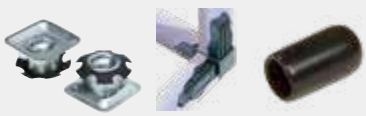
LOCKS, LATCHES, CATCHES AND HINGES  438-569

GASKETING AND ENCLOSURE ACCESSORIES  570-585

SLIDE BEARINGS AND VIBRATION MOUNTS  586-595

HANDLES, KNOBS AND POSITIONING COMPONENTS  596-639

FEET & CASTORS  640-667

TUBE INSERTS, CONNECTORS AND FERRULES  668-689

FURNITURE FITTINGS  690-697

# Fast-Find Index


**Caps and Plugs**

 p.16
 p.25
 p.27
 p.28
 p.30
 p.32
 p.33
 p.33

 p.34
 p.35
 p.35
 p.36
 p.39
 p.44
 p.45
 p.46
 p.47
 p.48

 p.52
 p.59
 p.64
 p.65
 p.66
 p.69

**Hydraulic and Pneumatic Protection**

 p.74
 p.75

 p.76
 p.78
 p.79
 p.80
 p.81
 p.82
 p.83
 p.84
 p.84
 p.85

 p.86
 p.87
 p.87
 p.91

**Pipe and Flange Protection**

 p.94
 p.95
 p.96
 p.98

 p.96
 p.100

**High Temperature Masking**

 p.108
 p.111
 p.112
 p.113
 p.115
 p.120

 p.122
 p.122
 p.123
 p.124
 p.125
 p.125
 p.126
 p.126

**Circuit Board Hardware**

 p.130
 p.131
 p.134
 p.135
 p.137
 p.138
 p.139
 p.142
 p.143
 p.148

 p.152
 p.153
 p.153
 p.154
 p.155
 p.155
 p.156
 p.157
 p.160
 p.163

 p.164
 p.167
 p.169
 p.170
 p.171
 p.173
 p.175

**Card Guide and Pullers**

 p.182


p.184

p.185

p.185

p.186

p.186

p.188

p.189

p.190

**LED Hardware**

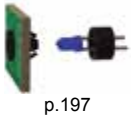

p.194


p.195

p.195

p.196

p.196

p.197

p.197

**Cable Ties and Cable Management**


p.200

p.207


p.208

p.211

p.212

p.213

p.214

p.215

p.216

p.217

p.220

p.223


p.227

p.229

p.232

p.236

p.240

p.243

p.254

p.259

p.260

p.261


p.262

p.266

p.279

p.280

p.281

p.282

p.287

p.288

p.290

p.291


p.292

p.294

p.294

p.300

p.307

p.308

p.312

p.313

p.317

**EMI Suppression Ferrite Cores**


p.321

p.322

p.325

p.333

p.341

p.343

p.347

p.348

p.349

**Fibre Management**


p.352

p.353

p.354

p.355

p.356

p.357

p.360

p.361

p.362

**Fan Accessories**


p.366

p.367

p.368

p.369

p.371

**Fasteners and Fixings**


p.374


p.377

p.353

p.381

p.382

p.382

p.383

p.384

p.384

p.385

p.393

# Fast-Find Index



p.399 p.401 p.407 p.409 p.411 p.412 p.414 p.415 p.415 p.416 p.417


p.417 p.418 p.420 p.422 p.425 p.426 p.428 p.429 p.430 p.431 p.433


p.434 p.434 p.435 p.436 p.437

**Locks, Latches, Catches and Hinges**

p.440 p.441 p.442 p.442


p.444 p.445 p.446 p.446 p.446 p.447 p.448 p.449 p.449 p.450 p.450 p.452 p.452


p.453 p.454 p.455 p.493 p.456 p.458 p.460 p.461 p.462 p.462 p.463 p.464


p.468 p.468 p.469 p.470 p.472 p.474 p.475 p.477 p.480 p.481 p.483 p.486


p.487 p.488 p.489 p.490 p.491 p.493 p.500 p.501 p.502 p.503 p.504 p.505


p.507 p.513 p.513 p.515 p.516 p.518 p.519 p.520 p.521 p.526 p.529 p538 p.541


p.543 p.544 p.546 p.548 p.550 p.551 p.552 p.554 p.554 p.556 p.555 p.558 p.559 p.560


p.561 p.561 p.562 p.563 p.564 p.565

**Gasketing**

p.572 p.574 p.576 p.577


p.578

p.580

p.581

p.582

p.584

p.585

**Slide Bearings and Vibration Mounts**


p.588

p.590

p.591


p.592

p.592

p.593

p.594

p.595

**Handles, Knobs and Positioning Components**


p.598

p.600

p.601

p.602

p.604


p.605

p.606

p.608

p.610

p.610 p.611

p.612

p.614

p.616

p.621

p.622

p.623

p.624


p.627

p.629

p.629

p.630

p.631

p.632

p.633

p.634

p.636

p.636

p.636

p.638

**Feet and Castors**


p.642

p643

p.644

p.647

p.648

p.649

p.650

p.651


p.652

p.653

p.654

p.654

p.655

p.656

p.657

p.658

p.658

p.660


p.660

p.661

p.661

p.662

p.664

p.665

p.665

p.666


p.667

**Tube Inserts, Connectors and Ferrules**


p.670

p.671

p.672

p.673

p.674

p.675

p.675


p.678

p.682

p.683

p.683

p.684

p.685

p.686

p.687

p.687

p.688


p.689

p.689

**Furniture Fittings**


p.692

p.693

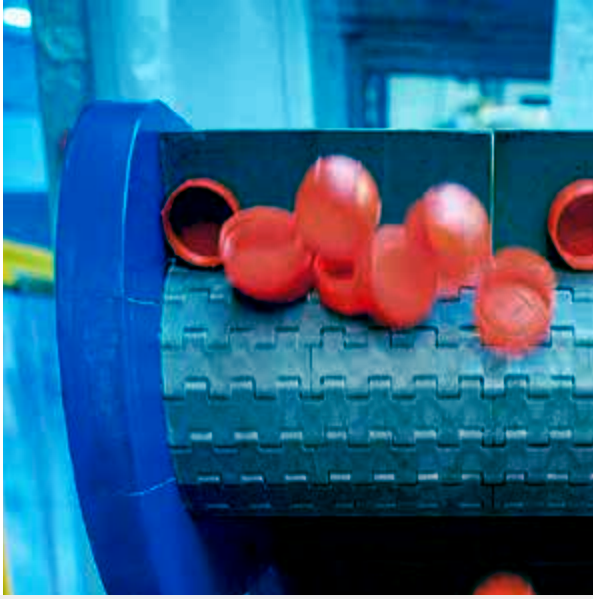
p.693

p.694

p.695

p.695

ESSENTRA COMPONENTS



# THOUSANDS OF CAPS & PLUGS – **TRY** BEFORE YOU **BUY**

- A large range of profiles, dimensions and materials to suit your applications
- Easy fitting and removal to provide a cost-effective solution



FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# CAPS AND PLUGS


**Tapered Caps/Plugs**

**16-27**





**Push Fit Plugs**

**28-35**





**Push Fit Caps**

**36-51**





**Threaded Plugs**

**52-66**





**Threaded Caps**

**67-71**





**SR 1000**

# Tapered Caps/Plugs

**Red LDPE**



- Use as cap or plug
- Easy fitting and removal
- Over 140 sizes
- Provide excellent protection from damage, dirt, moisture and corrosion during storage and transportation

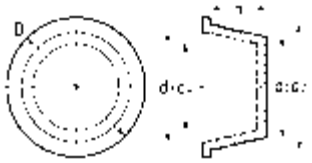



| Part Number | Dimensions (mm) | | | | | | Std Pack Qty | To Fit Thread Size | |
|---|---|---|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | $d_3$ | $d_4$ | D | h | | As Cap | As Plug |
| 10836 | 2.9 | 4.6 | 3.0 | 1.3 | 7.9 | 9.5 | 10000 | | |
| 10991 | 4.4 | 6.1 | 4.5 | 2.8 | 9.5 | 9.5 | 10000 | M4 | ¼" UNF |
| 50222 | 4.7 | 8.5 | 5.7 | 2.5 | 11.7 | 22.5 | 10000 | | |
| 12419 | 5.6 | 7.0 | 5.4 | 4.0 | 10.5 | 8.4 | 10000 | | |
| 10727 | 6.2 | 7.6 | 5.9 | 5.0 | 11.1 | 9.5 | 10000 | M6 | M8, 5/16" UNF |
| 12482 | 7.7 | 9.3 | 7.0 | 5.5 | 12.7 | 8.0 | 10000 | ¼" UNF | |
| 10549 | 7.7 | 9.1 | 7.7 | 6.3 | 12.7 | 9.5 | 10000 | | ⅜" UNF |
| 10289 | 8.4 | 10.0 | 8.2 | 6.9 | 13.5 | 9.5 | 10000 | M8 | M10 |
| 12562 | 8.6 | 10.3 | 8.2 | 7.0 | 13.7 | 9.8 | 10000 | | |
| 12483 | 9.0 | 10.7 | 8.8 | 7.5 | 13.9 | 11.5 | 10000 | | |
| 10325 | 9.4 | 10.8 | 9.3 | 7.7 | 14.0 | 8.5 | 10000 | | |
| 10750 | 10.0 | 11.8 | 10.0 | 8.5 | 15.0 | 9.5 | 10000 | ⅜" UNF | M12 |
| 12420 | 10.6 | 12.2 | 10.0 | 8.6 | 15.6 | 9.8 | 10000 | | |
| 10114 | 10.9 | 12.3 | 10.7 | 9.1 | 15.9 | 9.3 | 10000 | ⅛" BSP | ¼" BSP, ½" UNF |
| 12421 | 11.2 | 14.0 | 12.1 | 9.2 | 17.5 | 18.5 | 5000 | | |
| 12422 | 11.3 | 12.9 | 10.9 | 9.4 | 16.3 | 8.5 | 10000 | | |
| 10421 | 11.3 | 13.2 | 11.6 | 9.8 | 17.0 | 11.0 | 10000 | | |
| 10174 | 11.5 | 13.0 | 11.5 | 10.0 | 16.7 | 9.5 | 10000 | | M14 x 1.5 |
| 12901 | 12.0 | 14.8 | 12.0 | 10.5 | 17.5 | 11.0 | 5000 | | |
| 10237 | 12.1 | 13.9 | 12.3 | 10.6 | 17.5 | 11.0 | 5000 | M12 | 9/16" UNF |
| 12563 | 12.5 | 14.0 | 12.0 | 10.5 | 17.5 | 8.9 | 5000 | 7/16" UNF | |
| 15137 | 12.8 | 15.1 | 13.2 | 10.7 | 18.5 | 23.1 | 4000 | | |
| 10438 | 13.6 | 15.3 | 13.7 | 12.1 | 19.0 | 11.2 | 5000 | ¼" BSP, ½" UNF | M16 |
| 10342 | 14.2 | 16.0 | 14.4 | 12.7 | 19.0 | 12.1 | 5000 | M14 | ⅜" BSP |
| 10424 | 14.7 | 17.0 | 15.4 | 13.2 | 20.6 | 12.7 | 5000 | | M18 x 1.5 |
| 12481 | 14.9 | 16.4 | 14.5 | 13.5 | 21.0 | 11.5 | 5000 | | |
| 12423 | 15.5 | 17.1 | 15.0 | 13.4 | 20.6 | 8.5 | 5000 | | |
| 12564 | 16.1 | 17.6 | 15.5 | 14.5 | 21.0 | 8.5 | 5000 | | |
| 11139 | 16.4 | 18.3 | 16.9 | 14.3 | 22.2 | 12.3 | 5000 | M16, 5/8" UNF | ¾" UNF |
| 12196 | 16.6 | 18.5 | 16.5 | 14.5 | 21.9 | 13.0 | 6000 | | |
| 110197 | 17.1 | 19.4 | 17.8 | 15.5 | 22.0 | 13.0 | 6500 | ⅜"BSP | M20 x 1.5 |
| 12197 | 17.2 | 20.2 | 18.0 | 15.5 | 24.2 | 18.0 | 4000 | | |
| 110198 | 17.5 | 20.1 | 18.5 | 15.9 | 24.0 | 14.5 | 5000 | M18 x 1.5, M18 x 2 | ½" BSP |
| 11088 | 17.7 | 19.6 | 17.3 | 15.2 | 22.2 | 12.7 | 5000 | ⅜" BSP | M20 |
| 10394 | 17.8 | 20.0 | 18.3 | 16.4 | 23.8 | 13.4 | 5000 | M18 | ½" BSP |
| 12424 | 18.3 | 21.4 | 19.3 | 16.4 | 25.4 | 17.5 | 4000 | | |
| 10208 | 18.5 | 20.9 | 19.3 | 17.1 | 24.6 | 14.3 | 5000 | ¾" UNF | M22 x 1.5 |
| 10728 | 19.0 | 21.5 | 19.7 | 17.6 | 25.8 | 14.3 | 4000 | | M22 x 1.5 , 7/8" UNF |
| 12925 | 19.4 | 22.5 | 21.3 | 18.0 | 26.5 | 19.0 | 3000 | | |
| 12425 | 20.5 | 23.2 | 21.2 | 18.5 | 27.2 | 17.5 | 3000 | | |
| 52071 | 21.2 | 23.2 | 21.7 | 19.3 | 27.3 | 12.3 | 4000 | | M24 |
| 10676 | 21.3 | 23.2 | 21.5 | 19.2 | 27.0 | 15.9 | 3000 | M20 x 2.5, ½" BSP | 7/8" BSP |
| 110200 | 22.0 | 24.8 | 23.2 | 20.4 | 29.0 | 17.0 | 3000 | M22 x 1.5 | |
| 10376 | 22.0 | 25.0 | 23.0 | 20.5 | 28.5 | 15.9 | 3000 | M22 | 1" UNF |
| 12565 | 22.5 | 25.5 | 23.3 | 20.0 | 28.9 | 17.8 | 3000 | 7/8" UNF | |
| 12426 | 22.7 | 24.9 | 22.7 | 20.8 | 27.0 | 12.0 | 3000 | | |
| 10136 | 23.4 | 26.4 | 24.4 | 21.4 | 29.3 | 17.5 | 2500 | M24 | ¾" BSP, M27, M26 |
| 12427 | 24.0 | 26.9 | 25.0 | 21.9 | 31.0 | 18.0 | 2000 | | |
| 12567 | 24.6 | 29.5 | 27.5 | 22.5 | 34.0 | 27.5 | 1500 | | |
| 10732 | 24.7 | 27.7 | 26.1 | 23.2 | 32.0 | 19.0 | 2000 | M25, 1" UNF | M28, M30, 1⅛" UNF |
| 110201 | 25.2 | 29.2 | 27.7 | 23.7 | 33.0 | 19.0 | 1500 | | |
| 12999 | 26.6 | 29.7 | 28.3 | 24.6 | 31.6 | 26.3 | 1500 | ¾" BSP | 7/8" BSP |
| 10250 | 28.0 | 30.9 | 29.0 | 26.5 | 35.3 | 19.0 | 2000 | M27, M28 | M30 x 1.5 |
| 11173 | 29.2 | 31.2 | 30.3 | 28.0 | 34.7 | 12.7 | 2000 | M22 x 2 | |
| 10272 | 30.0 | 32.6 | 30.7 | 27.5 | 36.7 | 15.2 | 2000 | M30 | M33,1" BSP |
| 12428 | 30.5 | 33.3 | 31.1 | 28.4 | 37.0 | 14.5 | 2000 | 7/8" BSP | 15/16" x 12 UNF |
| 12568 | 31.1 | 34.3 | 32.0 | 29.3 | 38.1 | 17.5 | 1500 | | 1⅜" UNF, M36 |
| 10154 | 31.1 | 34.4 | 32.8 | 29.8 | 38.1 | 19.0 | 1500 | M33, M32, 1 ¼" UNF | M36 |

CONTINUED ON NEXT PAGE

SR 1000

# Tapered Caps/Plugs *CONTINUED*






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty | To Fit Thread Size | |
|---|---|---|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | $d_3$ | $d_4$ | D | h | | As Cap | As Plug |
| 12569 | 31.6 | 36.3 | 34.0 | 29.8 | 40.2 | 24.1 | 1000 | 1 5/16" BSP | 1 5/16" BSP |
| 11167 | 33.3 | 34.4 | 32.8 | 31.4 | 38.1 | 9.5 | 2500 | | |
| 10181 | 33.3 | 37.2 | 35.6 | 31.7 | 41.6 | 22.2 | 1000 | 1" BSP | M38, 1 1/8"BSP |
| 12480 | 33.9 | 38.3 | 36.5 | 31.9 | 42.3 | 24.5 | 1000 | | |
| 10838 | 33.9 | 37.3 | 35.8 | 32.0 | 42.2 | 12.3 | 2000 | 1 3/8" UNF | 1 1/8" BSP |
| 12198 | 34.9 | 36.4 | 35.2 | 33.1 | 42.7 | 8.2 | 2500 | | |
| 12570 | 35.9 | 40.2 | 37.5 | 33.2 | 44.1 | 24.5 | 1000 | | |
| 15138 | 36.3 | 38.3 | 37.0 | 34.6 | 42.3 | 12.0 | 1500 | | |
| 10491 | 36.9 | 40.6 | 39.0 | 35.0 | 44.0 | 22.5 | 1000 | M38 | 1 1/4"BSP |
| 11115 | 38.6 | 40.6 | 39.0 | 37.1 | 44.5 | 12.7 | 1500 | 1 1/2" UNF | |
| 10485 | 39.6 | 42.7 | 41.1 | 38.2 | 47.6 | 18.5 | 1000 | M39, M40 | M42 |
| 12429 | 40.8 | 44.7 | 41.8 | 37.7 | 49.0 | 24.0 | 500 | | |
| 10252 | 41.4 | 44.8 | 43.0 | 39.7 | 49.2 | 19.0 | 1000 | 1 1/4" BSP | M45 x 2 |
| 11172† | 42.5 | 44.8 | 43.0 | 40.7 | 50.7 | 12.6 | 1000 | | |
| 15139 | 43.4 | 48.5 | 47.0 | 42.0 | 53.3 | 24.5 | 600 | | |
| 10812 | 44.1 | 46.7 | 45.7 | 42.8 | 49.8 | 18.4 | 800 | | |
| 110204 | 44.4 | 47.7 | 46.1 | 42.8 | 51.0 | 19.0 | 1500 | M45 x 1.5/2/3 | M48 x 2, 1 7/8" JIC/UNF, 1 1/2" BSP |
| 10168 | 45.2 | 49.0 | 47.0 | 43.7 | 53.4 | 24.5 | 600 | 1 3/8" BSP | M48, 1 1/2" BSP |
| 10439 | 45.9 | 46.3 | 45.0 | 44.3 | 50.8 | 9.5 | 1500 | | M48 |
| 15136 | 46.0 | 50.0 | 48.0 | 44.3 | 54.0 | 24.8 | 500 | | |
| 12430 | 47.2 | 51.9 | 48.7 | 44.5 | 55.8 | 24.0 | 500 | | |
| 11131 | 47.5 | 50.3 | 49.0 | 45.2 | 54.0 | 25.0 | 500 | | |
| 10820 | 48.0 | 52.7 | 50.7 | 46.3 | 57.1 | 25.4 | 500 | | |
| 10086 | 48.6 | 51.2 | 48.9 | 46.7 | 55.5 | 18.7 | 500 | M48, 1 1/2" BSP | M52 |
| 12746 | 49.8 | 54.0 | 52.0 | 47.5 | 58.0 | 24.3 | 500 | | |
| 10624 | 51.1 | 54.4 | 52.0 | 47.7 | 57.0 | 25.0 | 500 | | |
| 10935 | 51.5 | 54.1 | 52.0 | 49.6 | 58.3 | 18.5 | 500 | | |
| 11047 | 53.5 | 57.0 | 55.3 | 51.2 | 62.4 | 25.1 | 400 | 1 3/4" BSP | M56, M55 |
| 12431 | 54.0 | 58.4 | 55.0 | 50.8 | 62.4 | 24.5 | 400 | | |
| 10616 | 55.0 | 61.0 | 59.0 | 52.2 | 65.0 | 25.0 | 400 | | |
| 11168 | 55.4 | 58.8 | 57.2 | 53.7 | 65.0 | 25.1 | 400 | M58 | 2" BSP |
| 11169 | 57.5 | 57.6 | 56.1 | 55.2 | 63.6 | 12.8 | 700 | | |
| 11100 | 59.3 | 67.3 | 64.1 | 56.7 | 70.3 | 31.7 | 300 | | |
| 10249 | 59.6 | 62.6 | 61.0 | 57.0 | 66.7 | 24.6 | 300 | 2" BSP | |
| 11075 | 62.0 | 66.4 | 64.3 | 59.0 | 71.0 | 28.0 | 300 | | |
| 10292 | 63.3 | 69.8 | 67.8 | 61.5 | 73.0 | 25.4 | 400 | | |
| 10399 | 64.5 | 67.3 | 65.6 | 62.1 | 70.6 | 15.8 | 400 | | |
| 11064 | 68.1 | 70.9 | 69.3 | 66.3 | 74.6 | 19.0 | 400 | | |
| 10302 | 70.0 | 75.8 | 74.0 | 68.1 | 79.4 | 25.4 | 300 | | M76, M75, 2 1/2" BSP |
| 10617 | 74.0 | 77.0 | 73.9 | 71.5 | 82.5 | 18.7 | 300 | | |
| 10550 | 74.0 | 76.8 | 73.4 | 70.0 | 80.0 | 24.4 | 600 | | |
| 11023 | 76.8 | 82.2 | 80.8 | 74.8 | 85.7 | 25.4 | 500 | | |
| 11170 | 77.1 | 80.7 | 78.2 | 74.8 | 85.7 | 19.0 | 300 | 2 1/2" BSP | |
| 11037 | 80.0 | 86.1 | 82.0 | 77.5 | 89.8 | 25.1 | 500 | | |
| 10353 | 84.2 | 90.8 | 88.3 | 82.7 | 94.5 | 28.0 | 500 | 3" BSP | |
| 12572 | 87.5 | 93.6 | 90.5 | 84.3 | 96.7 | 34.3 | 250 | | |
| 10304 | 88.1 | 93.3 | 89.9 | 85.1 | 96.5 | 28.6 | 300 | | |
| 10253 | 92.1 | 97.0 | 94.0 | 88.3 | 100.0 | 32.0 | 300 | | |
| 12573 | 94.5 | 100.6 | 97.0 | 91.0 | 103.6 | 34.5 | 100 | | |
| 12199 | 98.0 | 102.0 | 98.5 | 94.8 | 107.2 | 24.7 | 400 | | |
| 10551 | 98.2 | 103.3 | 99.0 | 95.0 | 106.0 | 28.8 | 300 | | |
| 10688 | 101.9 | 107.5 | 103.0 | 98.0 | 109.0 | 28.6 | 300 | | |
| 10771 | 106.7 | 111.7 | 107.4 | 106.3 | 113.3 | 28.6 | 250 | | |
| 10455 | 108.0 | 114.1 | 111.6 | 106.4 | 118.5 | 35.2 | 250 | | |
| 12574 | 111.5 | 117.6 | 115.0 | 107.5 | 122.0 | 35.0 | 250 | | |
| 10355 | 124.0 | 128.0 | 125.0 | 121.0 | 134.0 | 23.0 | 150 | | |
| 12575 | 129.0 | 135.1 | 132.0 | 124.0 | 139.5 | 36.5 | 150 | | |
| 12576 | 139.5 | 145.6 | 140.0 | 135.0 | 150.0 | 36.5 | 150 | | |
| 10356 | 146.8 | 151.0 | 148.6 | 142.8 | 159.5 | 33.0 | 100 | | |
| 12577 | 156.0 | 162.3 | 158.8 | 151.8 | 167.3 | 36.7 | 100 | | |

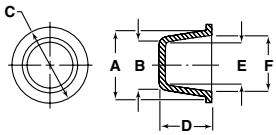
SR 1111

# Tapered Caps or Plugs

**Blue LDPE**








- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters
- Protects against damage, dirt, moisture and corrosion during storage and shipping

| To Assure Proper Fit: | |
|---|---|
| Plugs | Caps |
| Plug dimension “A” should be approx. 1% larger than the inner diameter of the part. Minimum of .020" | Cap dimension “E” should be approx. 1% smaller than the outside diameter of the part. Minimum of .020" |

| Part Number | Use as a Plug | | | | | | | | Use as a Cap | | | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | | B | | C | | D | | E | | F | | |
| Blue | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | |
| 001A | 0.180 | 4.57 | 0.115 | 2.92 | 0.313 | 7.94 | 0.406 | 10.32 | 0.051 | 1.30 | 0.118 | 3.00 | 5000 |
| 002A | 0.240 | 6.10 | 0.175 | 4.45 | 0.375 | 9.53 | 0.375 | 9.53 | 0.109 | 2.77 | 0.175 | 4.45 | 5000 |
| 003A | 0.268 | 6.81 | 0.209 | 5.31 | 0.375 | 9.53 | 0.375 | 9.53 | 0.127 | 3.23 | 0.193 | 4.90 | 5000 |
| 004A | 0.275 | 6.99 | 0.209 | 5.31 | 0.438 | 11.11 | 0.375 | 9.53 | 0.150 | 3.81 | 0.209 | 5.31 | 5000 |
| 005A | 0.302 | 7.67 | 0.240 | 6.10 | 0.469 | 11.91 | 0.375 | 9.53 | 0.175 | 4.45 | 0.240 | 6.10 | 5000 |
| 006A | 0.335 | 8.51 | 0.265 | 6.73 | 0.469 | 11.91 | 0.375 | 9.53 | 0.204 | 5.18 | 0.275 | 6.99 | 5000 |
| 007A | 0.365 | 9.27 | 0.300 | 7.62 | 0.531 | 13.49 | 0.375 | 9.53 | 0.234 | 5.94 | 0.301 | 7.65 | 5000 |
| 008A | 0.398 | 10.11 | 0.330 | 8.38 | 0.563 | 14.29 | 0.375 | 9.53 | 0.275 | 6.99 | 0.330 | 8.38 | 5000 |
| 009A | 0.428 | 10.87 | 0.360 | 9.14 | 0.594 | 15.08 | 0.375 | 9.53 | 0.299 | 7.59 | 0.365 | 9.27 | 5000 |
| 010A | 0.460 | 11.68 | 0.390 | 9.91 | 0.625 | 15.88 | 0.375 | 9.53 | 0.325 | 8.26 | 0.396 | 10.06 | 5000 |
| 011A | 0.485 | 12.32 | 0.420 | 10.67 | 0.594 | 15.08 | 0.375 | 9.53 | 0.356 | 9.04 | 0.421 | 10.69 | 5000 |
| 012A | 0.512 | 13.00 | 0.447 | 11.35 | 0.625 | 15.88 | 0.406 | 10.32 | 0.385 | 9.78 | 0.448 | 11.38 | 5000 |
| 013A | 0.547 | 13.89 | 0.490 | 12.45 | 0.719 | 18.26 | 0.500 | 12.70 | 0.409 | 10.39 | 0.485 | 12.32 | 5000 |
| 013WA | 0.547 | 13.89 | 0.478 | 12.14 | 0.875 | 22.23 | 0.500 | 12.70 | 0.409 | 10.39 | 0.485 | 12.32 | 7000 |
| 014A | 0.568 | 14.43 | 0.500 | 12.70 | 0.750 | 19.05 | 0.438 | 11.11 | 0.435 | 11.05 | 0.503 | 12.78 | 5000 |
| 016A | 0.620 | 15.75 | 0.531 | 13.49 | 0.750 | 19.05 | 0.500 | 12.70 | 0.468 | 11.89 | 0.555 | 14.10 | 7500 |
| 017A | 0.634 | 16.10 | 0.550 | 13.97 | 0.781 | 19.84 | 0.500 | 12.70 | 0.485 | 12.32 | 0.568 | 14.43 | 7500 |
| 018A | 0.675 | 17.15 | 0.580 | 14.99 | 0.875 | 22.23 | 0.531 | 13.49 | 0.520 | 13.21 | 0.605 | 15.37 | 5000 |
| 020A | 0.695 | 17.65 | 0.610 | 15.49 | 0.844 | 21.43 | 0.500 | 12.70 | 0.549 | 13.94 | 0.634 | 16.10 | 6000 |
| 021A | 0.728 | 18.49 | 0.641 | 16.28 | 0.875 | 22.23 | 0.500 | 12.70 | 0.575 | 14.61 | 0.665 | 16.89 | 5000 |
| 022A | 0.754 | 19.15 | 0.675 | 17.15 | 0.875 | 22.23 | 0.625 | 15.88 | 0.615 | 15.62 | 0.690 | 17.53 | 4000 |
| 023A | 0.785 | 19.94 | 0.690 | 17.53 | 0.938 | 23.81 | 0.625 | 15.88 | 0.625 | 15.88 | 0.724 | 18.39 | 4000 |
| 024A | 0.805 | 20.45 | 0.750 | 19.05 | 0.860 | 21.84 | 0.190 | 4.83 | 0.688 | 17.48 | 0.743 | 18.87 | 7500 |
| 026A | 0.825 | 20.96 | 0.725 | 18.42 | 1.000 | 25.40 | 0.500 | 12.70 | 0.662 | 16.81 | 0.760 | 19.30 | 4000 |
| 027A | 0.848 | 21.54 | 0.750 | 19.05 | 1.031 | 26.19 | 0.625 | 15.88 | 0.686 | 17.42 | 0.777 | 19.74 | 7000 |
| 028A | 0.910 | 23.11 | 0.802 | 20.37 | 1.094 | 27.78 | 0.750 | 19.05 | 0.725 | 18.42 | 0.846 | 21.49 | 5000 |
| 029A | 0.931 | 23.65 | 0.820 | 20.83 | 1.125 | 28.58 | 0.625 | 15.88 | 0.754 | 19.15 | 0.868 | 22.05 | 5500 |
| 030A | 0.973 | 24.71 | 0.856 | 21.74 | 1.125 | 28.58 | 0.750 | 19.05 | 0.768 | 19.51 | 0.906 | 23.01 | 4500 |
| 031A | 0.975 | 24.77 | 0.870 | 22.10 | 1.125 | 28.58 | 0.625 | 15.88 | 0.804 | 20.42 | 0.920 | 23.37 | 5000 |
| 035A | 1.040 | 26.42 | 0.895 | 22.73 | 1.140 | 29.37 | 0.750 | 19.05 | 0.832 | 21.13 | 0.975 | 24.77 | 4500 |
| 038A | 1.045 | 26.54 | 0.980 | 24.89 | 1.250 | 31.75 | 0.500 | 12.70 | 0.916 | 23.27 | 0.984 | 24.99 | 2500 |
| 040A | 1.096 | 27.83 | 0.966 | 24.54 | 1.250 | 31.75 | 0.750 | 19.05 | 0.902 | 22.91 | 1.038 | 23.36 | 3500 |
| 041A | 1.145 | 29.08 | 1.002 | 25.45 | 1.313 | 33.34 | 0.750 | 19.05 | 0.938 | 23.83 | 1.079 | 27.41 | 3500 |
| 042A | 1.225 | 31.12 | 1.110 | 28.19 | 1.516 | 38.50 | 0.750 | 19.05 | 1.038 | 26.37 | 1.180 | 29.97 | 2500 |
| 044A | 1.292 | 32.81 | 1.165 | 29.59 | 1.420 | 36.10 | 0.750 | 19.05 | 1.090 | 27.69 | 1.205 | 30.61 | 2500 |
| 045A | 1.355 | 34.42 | 1.225 | 31.12 | 1.500 | 38.10 | 0.750 | 19.05 | 1.160 | 29.46 | 1.295 | 32.89 | 2500 |
| 046A | 1.350 | 34.29 | 1.235 | 31.37 | 1.500 | 38.10 | 0.750 | 19.05 | 1.140 | 28.96 | 1.295 | 32.89 | 2500 |
| 047A | 1.362 | 34.59 | 1.291 | 32.79 | 1.500 | 38.10 | 0.750 | 19.05 | 1.227 | 31.17 | 1.300 | 33.02 | 2000 |
| 048A | 1.455 | 39.96 | 1.291 | 32.79 | 1.625 | 41.28 | 1.000 | 25.40 | 1.227 | 31.17 | 1.391 | 35.33 | 1500 |
| 049A | 1.470 | 37.34 | 1.311 | 33.30 | 1.625 | 41.28 | 0.750 | 19.05 | 1.249 | 31.72 | 1.400 | 35.56 | 2000 |
| 051A | 1.517 | 38.53 | 1.344 | 34.14 | 1.750 | 44.45 | 0.938 | 23.81 | 1.282 | 32.56 | 1.460 | 36.83 | 1500 |
| 053A | 1.600 | 40.64 | 1.450 | 36.83 | 1.750 | 44.45 | 0.750 | 19.05 | 1.385 | 35.18 | 1.535 | 38.99 | 2000 |
| 054A | 1.602 | 40.69 | 1.520 | 38.61 | 1.780 | 45.21 | 0.750 | 19.05 | 1.456 | 36.98 | 1.537 | 39.04 | 1700 |
| 055A | 1.673 | 42.49 | 1.560 | 39.62 | 1.875 | 47.63 | 0.750 | 19.05 | 1.497 | 38.02 | 1.620 | 41.15 | 1500 |
| 056A | 1.750 | 44.45 | 1.606 | 40.79 | 1.938 | 49.21 | 0.750 | 19.05 | 1.568 | 39.83 | 1.685 | 42.80 | 1500 |
| 057A | 1.870 | 47.50 | 1.735 | 44.07 | 2.031 | 51.60 | 0.750 | 19.05 | 1.675 | 42.55 | 1.820 | 46.23 | 1200 |
| 058A | 1.958 | 49.73 | 1.806 | 45.87 | 2.125 | 53.98 | 1.000 | 25.40 | 1.745 | 44.32 | 1.893 | 48.08 | 900 |
| 059A | 1.825 | 46.36 | 1.800 | 45.72 | 2.031 | 51.59 | 0.500 | 12.70 | 1.736 | 44.09 | 1.760 | 44.70 | 2000 |
| 060A | 2.020 | 51.31 | 1.846 | 46.89 | 2.125 | 53.98 | 1.000 | 25.40 | 1.785 | 45.34 | 1.938 | 49.23 | 1000 |
| 061A | 2.160 | 54.86 | 1.740 | 44.20 | 2.310 | 58.67 | 1.210 | 30.73 | 1.668 | 42.37 | 2.093 | 53.16 | 1000 |
| 062A | 2.085 | 52.96 | 1.902 | 48.31 | 2.250 | 57.15 | 1.000 | 25.40 | 1.839 | 46.71 | 2.015 | 51.18 | 850 |
| 063A | 2.168 | 55.07 | 1.980 | 50.29 | 2.250 | 57.15 | 1.000 | 25.40 | 1.915 | 48.64 | 2.110 | 53.59 | 800 |
| 065A | 2.146 | 54.51 | 2.016 | 51.21 | 2.313 | 58.74 | 0.750 | 19.05 | 1.955 | 49.66 | 2.083 | 52.91 | 1000 |
| 066A | 2.253 | 57.23 | 2.062 | 52.37 | 2.438 | 61.91 | 1.031 | 26.20 | 2.000 | 50.80 | 2.175 | 55.25 | 700 |
| 067A | 2.355 | 59.82 | 2.156 | 54.76 | 2.625 | 66.68 | 1.000 | 25.40 | 2.084 | 52.93 | 2.288 | 58.12 | 600 |
| 068A | 2.279 | 57.90 | 2.224 | 56.50 | 2.500 | 63.50 | 0.500 | 12.70 | 2.150 | 54.60 | 2.221 | 56.41 | 1200 |
| 070A | 2.425 | 61.60 | 2.128 | 54.05 | 2.500 | 63.50 | 1.000 | 25.40 | 2.045 | 51.94 | 2.370 | 60.20 | 700 |
| 071A | 2.485 | 63.12 | 2.300 | 58.42 | 2.625 | 66.68 | 1.000 | 25.40 | 2.235 | 56.77 | 2.400 | 60.96 | 600 |
| 073A | 2.605 | 66.17 | 2.395 | 60.83 | 2.625 | 66.68 | 1.000 | 25.40 | 2.331 | 59.21 | 2.541 | 64.54 | 600 |
| 074A | 2.645 | 67.18 | 2.428 | 61.67 | 2.750 | 69.85 | 0.750 | 19.05 | 2.420 | 61.47 | 2.580 | 65.53 | 700 |
| 075A | 2.650 | 67.31 | 2.311 | 58.70 | 2.750 | 69.85 | 1.000 | 25.40 | 2.245 | 57.02 | 2.585 | 65.66 | 750 |

CONTINUE NEXT PAGE

CONTINUE FROM PREVIOUS PAGE

| Part Number | Use as a Plug | | | | | | Use as a Cap | | | | | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | | B | | C | | D | | E | | F | | |
| Blue | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | |
| 076A | 2.750 | 69.85 | 2.457 | 62.41 | 2.875 | 73.03 | 1.000 | 25.40 | 2.392 | 60.76 | 2.685 | 68.20 | 600 |
| 077A | 2.690 | 68.33 | 2.560 | 65.02 | 2.875 | 73.03 | 0.750 | 19.05 | 2.500 | 63.50 | 2.625 | 66.68 | 700 |
| 078A | 2.805 | 71.25 | 2.645 | 67.18 | 3.000 | 76.20 | 0.500 | 12.70 | 2.580 | 65.53 | 2.725 | 69.22 | 1000 |
| 081A | 3.000 | 76.20 | 2.720 | 69.09 | 3.125 | 79.38 | 1.000 | 25.40 | 2.626 | 66.70 | 2.950 | 74.93 | 500 |
| 082A | 2.980 | 75.69 | 2.850 | 72.39 | 3.250 | 82.55 | 0.750 | 19.05 | 2.785 | 70.74 | 2.920 | 74.17 | 500 |
| 083A | 3.158 | 80.21 | 2.995 | 76.07 | 3.375 | 85.73 | 0.500 | 12.70 | 2.915 | 74.04 | 3.098 | 78.69 | 750 |
| 085A | 3.245 | 82.42 | 2.980 | 75.69 | 3.375 | 85.73 | 1.000 | 25.40 | 2.900 | 73.66 | 3.165 | 80.39 | 400 |
| 086A | 3.365 | 85.47 | 3.090 | 78.49 | 3.500 | 88.90 | 1.000 | 25.40 | 3.005 | 76.33 | 3.285 | 83.44 | 400 |
| 087A | 3.450 | 87.63 | 3.319 | 84.30 | 3.625 | 92.08 | 0.500 | 12.70 | 3.239 | 82.27 | 3.371 | 85.62 | 500 |
| 088A | 3.575 | 90.81 | 3.236 | 82.19 | 3.938 | 100.01 | 1.000 | 25.40 | 3.156 | 80.16 | 3.494 | 88.75 | 300 |
| 089A | 3.600 | 91.44 | 3.465 | 88.01 | 3.875 | 98.43 | 0.880 | 22.35 | 3.405 | 86.49 | 3.540 | 89.22 | 350 |
| 090A | 3.800 | 96.52 | 3.675 | 93.35 | 4.000 | 101.60 | 0.750 | 19.05 | 3.605 | 91.57 | 3.730 | 94.74 | 300 |
| 091A | 3.925 | 99.70 | 3.800 | 96.52 | 4.125 | 104.78 | 0.688 | 17.46 | 3.715 | 94.36 | 3.845 | 97.66 | 300 |
| 092A | 4.070 | 103.38 | 3.915 | 99.45 | 4.375 | 111.13 | 0.781 | 19.84 | 3.810 | 96.77 | 3.980 | 101.09 | 250 |
| 093A | 4.190 | 106.43 | 4.030 | 102.36 | 4.500 | 114.30 | 0.750 | 19.05 | 3.950 | 100.33 | 4.110 | 104.39 | 250 |
| 094A | 4.445 | 112.90 | 4.215 | 107.06 | 4.875 | 123.83 | 1.000 | 25.40 | 4.135 | 105.03 | 4.380 | 111.25 | 200 |
| 095A | 4.605 | 116.97 | 4.365 | 110.87 | 5.000 | 127.00 | 1.000 | 25.40 | 4.289 | 108.95 | 4.500 | 114.30 | 200 |
| 096A | 4.850 | 123.19 | 4.640 | 117.86 | 5.250 | 133.35 | 0.910 | 23.11 | 4.570 | 116.08 | 4.780 | 121.41 | 250 |
| 1090A | 4.970 | 126.24 | 4.790 | 121.67 | 5.380 | 136.65 | 1.030 | 26.16 | 4.710 | 119.63 | 4.890 | 124.21 | 250 |
| 1100A | 5.090 | 129.29 | 4.910 | 124.71 | 5.500 | 139.70 | 1.030 | 26.16 | 4.830 | 122.68 | 5.010 | 127.25 | 250 |
| 1110A | 5.200 | 132.08 | 4.990 | 126.75 | 5.630 | 143.00 | 1.030 | 26.16 | 4.920 | 124.97 | 5.100 | 129.54 | 250 |
| 099A | 5.360 | 136.14 | 5.180 | 131.57 | 5.880 | 149.35 | 1.030 | 26.16 | 5.110 | 129.79 | 5.290 | 134.37 | 250 |
| 100A | 5.490 | 139.45 | 5.330 | 135.38 | 5.880 | 149.35 | 0.910 | 23.11 | 5.210 | 132.33 | 5.370 | 136.40 | 250 |
| 101A | 5.620 | 142.75 | 5.470 | 138.94 | 6.130 | 155.70 | 1.000 | 25.40 | 5.390 | 136.91 | 5.540 | 140.72 | 100 |
| 102A | 5.750 | 146.05 | 5.570 | 141.48 | 6.190 | 157.23 | 1.030 | 26.16 | 5.490 | 139.45 | 5.670 | 144.02 | 250 |
| 103A | 5.874 | 149.20 | 5.640 | 143.26 | 6.250 | 158.80 | 1.000 | 25.40 | 5.540 | 140.72 | 5.794 | 147.17 | 100 |
| 104A | 6.180 | 156.97 | 6.010 | 152.65 | 6.620 | 168.15 | 1.000 | 25.40 | 5.920 | 150.37 | 6.100 | 154.94 | 90 |
| 106A | 6.560 | 166.62 | 6.400 | 162.56 | 6.940 | 176.28 | 0.900 | 22.86 | 6.330 | 160.78 | 6.480 | 164.59 | 100 |
| 108A | 6.710 | 170.43 | 6.610 | 167.89 | 7.190 | 182.63 | 1.530 | 38.86 | 6.530 | 165.86 | 6.630 | 168.40 | 100 |
| 110A | 7.120 | 180.85 | 7.050 | 179.07 | 7.630 | 193.80 | 1.030 | 26.16 | 6.970 | 177.04 | 7.040 | 178.82 | 100 |
| 112A | 7.650 | 194.31 | 7.340 | 186.44 | 7.940 | 201.68 | 1.030 | 26.16 | 7.260 | 184.40 | 7.560 | 192.02 | 100 |
| 114A | 7.840 | 199.14 | 7.660 | 194.56 | 8.120 | 206.25 | 1.031 | 26.19 | 7.580 | 192.53 | 7.760 | 197.10 | 100 |
| 116A | 8.140 | 206.76 | 7.970 | 202.44 | 8.380 | 212.85 | 1.031 | 26.19 | 7.880 | 200.15 | 8.050 | 204.47 | 100 |
| 118A | 8.350 | 212.09 | 8.150 | 207.01 | 8.750 | 222.25 | 1.406 | 35.71 | 8.050 | 204.47 | 8.250 | 209.55 | 50 |
| 120A | 8.600 | 218.44 | 8.400 | 213.36 | 9.000 | 228.60 | 1.406 | 35.71 | 8.300 | 210.82 | 8.500 | 215.90 | 50 |
| 124A | 8.730 | 221.74 | 8.670 | 220.22 | 9.130 | 231.90 | 1.531 | 38.89 | 8.550 | 217.17 | 8.625 | 219.08 | 50 |
| 126A | 9.360 | 237.74 | 9.060 | 230.12 | 9.860 | 250.44 | 1.781 | 45.24 | 8.890 | 225.81 | 9.240 | 234.70 | 50 |
| 128A | 10.130 | 257.30 | 9.950 | 252.73 | 10.500 | 266.70 | 1.031 | 26.19 | 9.730 | 247.14 | 9.910 | 251.71 | 75 |
| 130A | 11.100 | 281.94 | 10.790 | 274.07 | 11.600 | 294.64 | 1.781 | 45.24 | 10.550 | 267.97 | 10.910 | 277.11 | 40 |
| 133A | 12.560 | 319.02 | 11.930 | 303.02 | 13.050 | 331.47 | 2.031 | 51.59 | 11.700 | 297.18 | 12.350 | 313.69 | 30 |
| 134A | 13.140 | 333.76 | 12.790 | 324.87 | 13.640 | 346.46 | 2.031 | 51.59 | 12.530 | 318.26 | 12.920 | 328.17 | 30 |
| 136A | 13.600 | 345.44 | 13.250 | 336.55 | 14.100 | 358.14 | 2.031 | 51.59 | 13.000 | 330.20 | 13.400 | 340.36 | 30 |


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**CP SERIES**

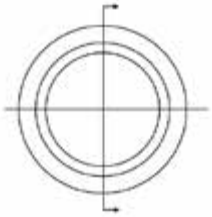
## Caps/Plugs

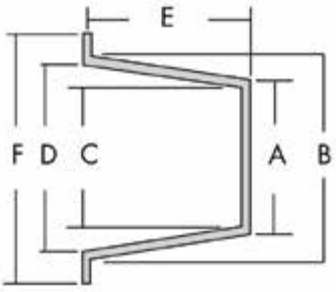
**Red LDPE**

- May be used to Cap or Plug threaded or plain holes, shafts or tubes.
- Standard Pack Size: 100 or 1000
- Custom coloured parts can be manufactured to order, contact us for a quote and quantities

| Part Number | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| CP00 | 2.9 | 4.6 | 1.3 | 3.0 | 9.5 | 97.8 | 100/1000 |
| CP0002 | 7.5 | 8.9 | 6.0 | 7.1 | 9.5 | 12.7 | 100/1000 |
| CP0002S | 8.3 | 9.3 | 6.7 | 8.1 | 9.5 | 12.7 | 100/1000 |
| CP0003 | 8.7 | 10.7 | 8.3 | 9.2 | 9.5 | 14.2 | 100/1000 |
| CP0003X | 10.2 | 11.7 | 8.5 | 10.2 | 9.5 | 14.2 | 100/1000 |
| CP0004 | 10.9 | 11.8 | 9.5 | 10.8 | 9.5 | 15.8 | 100/1000 |
| CP0004T | 11.4 | 12.5 | 10.2 | 11.3 | 9.5 | 15.8 | 100/1000 |
| CP0005 | 11.9 | 13.6 | 10.6 | 12.5 | 11.1 | 17.4 | 100/1000 |
| CP0005X | 12.5 | 14.6 | 11.0 | 13.1 | 11.0 | 18.0 | 100/1000 |
| CP0006 | 13.5 | 15.4 | 11.9 | 13.8 | 11.1 | 19.0 | 100/1000 |
| CP0006X | 14.0 | 15.7 | 12.3 | 14.5 | 11.9 | 19.0 | 100/1000 |
| CP0007 | 14.5 | 17.0 | 13.3 | 15.6 | 12.7 | 20.6 | 100/1000 |
| CP0008 | 16.1 | 18.1 | 14.4 | 16.6 | 12.7 | 22.2 | 100/1000 |
| CP0009 | 17.1 | 19.4 | 15.9 | 18.4 | 14.2 | 23.8 | 100/1000 |
| CP0009X | 18.4 | 20.6 | 16.6 | 19.4 | 15.8 | 24.6 | 100/1000 |
| CP0010 | 18.5 | 21.2 | 17.1 | 20.1 | 14.2 | 25.4 | 100/1000 |
| CP0011 | 19.7 | 22.9 | 18.8 | 21.5 | 15.8 | 26.9 | 100/1000 |
| CP0012 | 21.6 | 23.9 | 20.4 | 23.5 | 14.2 | 28.5 | 100/1000 |
| CP0012X | 22.6 | 25.5 | 21.3 | 24.5 | 17.4 | 29.6 | 100/1000 |
| CP0013 | 24.3 | 27.0 | 22.8 | 25.5 | 19.0 | 31.5 | 100/1000 |
| CP0014 | 26.7 | 29.2 | 24.9 | 28.2 | 19.0 | 33.3 | 100/1000 |
| CP0014S | 28.6 | 30.0 | 28.2 | 28.0 | 27.3 | 34.9 | 100/1000 |
| CP0015 | 30.6 | 33.8 | 29.6 | 32.9 | 19.0 | 38.1 | 100/1000 |
| CP0015X | 31.0 | 33.8 | 29.8 | 32.9 | 20.5 | 37.5 | 100/1000 |
| CP0016 | 32.9 | 36.4 | 31.9 | 35.4 | 22.2 | 41.2 | 100/1000 |
| CP0017 | 36.2 | 40.4 | 35.3 | 38.6 | 22.2 | 44.4 | 100/1000 |
| CP0017X | 37.7 | 40.7 | 36.8 | 39.0 | 21.2 | 45.3 | 100/1000 |
| CP0018 | 39.6 | 42.7 | 38.0 | 41.1 | 19.0 | 47.6 | 100/1000 |
| CP0018X | 40.8 | 44.1 | 39.4 | 43.1 | 17.4 | 49.0 | 100/1000 |
| CP0019 | 43.4 | 47.6 | 42.4 | 45.0 | 19.0 | 50.8 | 100/1000 |
| CP0020 | 44.2 | 49.3 | 43.8 | 48.5 | 25.4 | 53.9 | 100/1000 |
| CP0021 | 47.5 | 52.3 | 46.0 | 51.3 | 23.8 | 56.8 | 100/1000 |
| CP0220 | 50.3 | 54.7 | 49.5 | 53.2 | 25.4 | 57.1 | 100/1000 |
| CP0230 | 53.5 | 58.4 | 53.0 | 57.9 | 25.4 | 65.0 | 100/1000 |
| CP024B | 56.4 | 61.6 | 55.2 | 60.3 | 25.4 | 66.6 | 100/1000 |
| CP0240 | 57.3 | 62.0 | 56.4 | 60.2 | 25.4 | 66.6 | 100/1000 |
| CP0250 | 60.3 | 64.9 | 59.9 | 64.5 | 28.5 | 69.8 | 100/1000 |
| CP044 | 66.2 | 70.1 | 64.8 | 69.5 | 19.0 | 74.6 | 100/1000 |
| CP045A | 68.8 | 74.9 | 66.7 | 74.3 | 25.4 | 78.5 | 100/1000 |
| CP048 | 70.6 | 73.2 | 69.3 | 72.0 | 19.0 | 79.3 | 100/1000 |
| CP050 | 73.8 | 77.5 | 72.4 | 76.2 | 28.5 | 84.9 | 100/1000 |
| CP053 | 75.8 | 79.1 | 73.7 | 79.2 | 19.0 | 85.7 | 100/1000 |
| CP055 | 76.7 | 81.7 | 75.6 | 80.4 | 25.4 | 87.3 | 100/1000 |
| CP1050 | 88.1 | 91.4 | 86.6 | 89.9 | 19.0 | 98.4 | 100/1000 |
| CP1052 | 93.5 | 96.5 | 91.7 | 94.8 | 19.0 | 101.6 | 100/1000 |
| CP0502 | 95.6 | 99.7 | 94.0 | 97.7 | 19.0 | 104.7 | 100/1000 |
| CP1063 | 98.6 | 101.5 | 96.9 | 102.1 | 17.4 | 111.1 | 100/1000 |
| CP1065 | 103.0 | 108.1 | 101.9 | 106.9 | 25.4 | 114.3 | 100/1000 |
| CP1070 | 108.1 | 113.2 | 106.9 | 109.5 | 25.4 | 119.0 | 100/1000 |
| CP1072 | 111.0 | 117.3 | 109.0 | 115.3 | 25.4 | 127.0 | 100/1000 |
| CP1076 | 117.8 | 123.1 | 116.0 | 121.4 | 22.6 | 133.3 | 100/1000 |
| CP1078 | 121.6 | 126.2 | 119.6 | 124.2 | 25.4 | 136.6 | 100/1000 |
| CP1080 | 126.7 | 131.7 | 124.4 | 130.8 | 23.8 | 140.4 | 100/1000 |
| CP1086 | 131.6 | 134.4 | 127.9 | 131.4 | 28.5 | 139.7 | 100/1000 |
| CP1088 | 136.5 | 142.0 | 133.7 | 139.1 | 25.4 | 152.4 | 100/1000 |
| CP1092 | 144.8 | 149.1 | 142.5 | 147.1 | 24.9 | 158.8 | 100/1000 |
| CP1097 | 152.6 | 157.0 | 150.3 | 154.9 | 25.4 | 168.3 | 100/1000 |
| CP1100 | 157.0 | 161.3 | 154.7 | 159.0 | 25.4 | 171.5 | 100/1000 |
| CP1103 | 162.6 | 166.6 | 160.8 | 164.8 | 22.2 | 176.2 | 100/1000 |
| CP1107 | 167.9 | 170.4 | 165.9 | 168.4 | 38.1 | 182.6 | 100/1000 |
| CP1109 | 179.1 | 180.9 | 177.0 | 179.3 | 25.4 | 193.8 | 100/1000 |
| CP1110 | 186.4 | 194.3 | 184.4 | 192.0 | 25.4 | 201.6 | 100/1000 |
| CP1128 | 202.4 | 206.8 | 200.2 | 204.5 | 25.4 | 212.7 | 100/1000 |
| CP1137 | 213.4 | 218.4 | 210.8 | 215.9 | 34.9 | 228.6 | 100/1000 |







WW SERIES

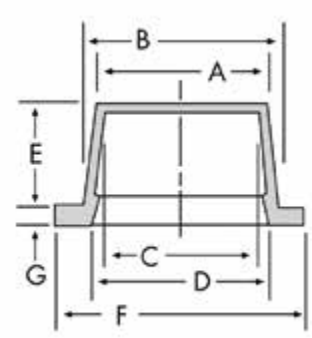
# Wide Flange Heavy Duty Caps/Plugs

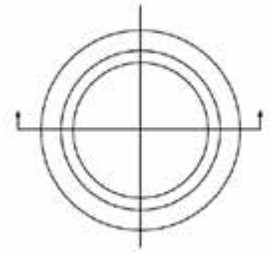
**Yellow LDPE**

| Part Number | A mm | B mm | C mm | D mm | E mm | F mm | G mm | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| WW00 | 2.95 | 4.62 | 1.35 | 3.05 | 9.40 | 12.70 | 2.29 | 100/1000 |
| WW0 | 4.39 | 6.10 | 2.82 | 4.50 | 9.40 | 14.22 | 2.29 | 100/1000 |
| WW01 | 5.99 | 7.52 | 4.42 | 5.72 | 7.87 | 15.75 | 2.29 | 100/1000 |
| WW02 | 7.59 | 9.27 | 5.97 | 7.67 | 7.87 | 17.27 | 2.29 | 100/1000 |
| WW02X | 8.46 | 9.96 | 6.83 | 8.10 | 7.87 | 18.29 | 2.29 | 100/1000 |
| WW03 | 9.32 | 10.62 | 7.57 | 8.99 | 7.87 | 19.05 | 2.29 | 100/1000 |
| WW03X | 10.08 | 11.35 | 8.33 | 9.73 | 7.87 | 19.81 | 2.29 | 100/1000 |
| WW04 | 10.85 | 12.07 | 9.04 | 10.49 | 7.87 | 20.57 | 2.29 | 100/1000 |
| WW04X | 11.05 | 12.93 | 9.27 | 11.15 | 9.40 | 21.08 | 2.29 | 100/1000 |
| WW05 | 12.22 | 13.89 | 10.39 | 12.52 | 9.40 | 22.10 | 2.29 | 100/1000 |
| WW05X | 12.70 | 14.30 | 11.18 | 12.70 | 9.40 | 22.61 | 2.29 | 100/1000 |
| WW06 | 13.46 | 15.62 | 11.89 | 13.89 | 9.40 | 23.88 | 2.29 | 100/1000 |
| WW06X | 14.22 | 16.03 | 12.62 | 14.71 | 10.41 | 24.64 | 2.29 | 100/1000 |
| WW07 | 14.99 | 16.94 | 13.16 | 15.37 | 11.18 | 25.40 | 2.29 | 100/1000 |
| WW07X | 15.49 | 17.45 | 13.92 | 16.13 | 11.18 | 26.16 | 2.29 | 100/1000 |
| WW08 | 15.95 | 18.42 | 14.17 | 16.82 | 11.18 | 26.93 | 2.29 | 100/1000 |
| WW08X | 16.71 | 19.05 | 14.94 | 17.45 | 11.18 | 27.69 | 2.29 | 100/1000 |
| WW09 | 17.53 | 19.69 | 15.75 | 18.31 | 11.94 | 28.45 | 2.29 | 100/1000 |
| WW09X | 18.42 | 20.63 | 16.84 | 19.33 | 12.70 | 29.47 | 2.29 | 100/1000 |
| WW10 | 19.18 | 22.10 | 17.60 | 20.52 | 12.70 | 29.97 | 2.29 | 100/1000 |
| WW011 | 20.83 | 23.62 | 19.18 | 21.97 | 13.46 | 31.75 | 2.29 | 100/1000 |
| WW11X | 20.96 | 23.60 | 19.38 | 22.30 | 14.22 | 31.75 | 2.29 | 100/1000 |
| WW12 | 22.02 | 24.77 | 20.45 | 23.19 | 14.22 | 32.51 | 2.29 | 100/1000 |
| WW12X | 23.24 | 26.29 | 21.34 | 24.38 | 16.00 | 34.04 | 2.29 | 100/1000 |
| WW13 | 24.99 | 28.07 | 23.34 | 26.42 | 16.76 | 36.58 | 2.29 | 100/1000 |
| WW13B | 27.79 | 30.86 | 26.19 | 28.75 | 17.53 | 39.63 | 2.29 | 100/1000 |
| WW14 | 28.20 | 31.32 | 26.49 | 29.39 | 16.76 | 39.63 | 2.29 | 100/1000 |
| WW14X | 29.21 | 32.61 | 28.14 | 30.61 | 16.76 | 39.63 | 2.29 | 100/1000 |
| WW15 | 31.42 | 35.10 | 29.64 | 32.72 | 16.76 | 42.67 | 2.29 | 100/1000 |
| WW16 | 33.33 | 37.21 | 31.73 | 34.65 | 20.57 | 46.74 | 3.05 | 100/1000 |
| WW16X | 35.97 | 38.51 | 34.39 | 37.14 | 17.53 | 44.45 | 3.05 | 100/1000 |
| WW17 | 36.88 | 40.72 | 34.98 | 38.18 | 16.00 | 49.28 | 3.05 | 100/1000 |
| WW18 | 40.13 | 43.54 | 38.48 | 41.89 | 16.00 | 52.33 | 3.05 | 100/1000 |
| WW19 | 43.94 | 47.93 | 41.91 | 45.21 | 16.00 | 58.68 | 3.05 | 100/1000 |
| WW200 | 45.98 | 50.17 | 43.94 | 48.13 | 16.00 | 60.45 | 3.05 | 100/1000 |
| WW210 | 46.99 | 51.31 | 45.42 | 48.69 | 25.40 | 61.98 | 3.05 | 100/1000 |
| WW21 | 48.95 | 52.28 | 47.17 | 50.50 | 16.00 | 60.45 | 3.05 | 100/1000 |
| WW221 | 52.50 | 56.97 | 50.93 | 54.23 | 25.40 | 68.33 | 3.05 | 100/1000 |
| WW230 | 54.26 | 58.73 | 52.68 | 57.15 | 25.40 | 69.85 | 3.05 | 100/1000 |
| WW25A | 53.98 | 61.11 | 52.40 | 59.54 | 25.40 | 68.33 | 3.05 | 100/1000 |
| WW240 | 58.37 | 62.59 | 56.77 | 60.20 | 25.40 | 73.15 | 3.05 | 100/1000 |
| WW250 | 60.84 | 66.09 | 59.26 | 63.50 | 28.70 | 76.20 | 3.05 | 100/1000 |
| WW33A | 58.55 | 66.55 | 57.03 | 65.03 | 31.75 | 77.73 | 3.05 | 100/1000 |
| WW43A | 62.87 | 69.22 | 61.09 | 67.31 | 23.11 | 80.27 | 3.05 | 100/1000 |
| WW44 | 67.01 | 70.08 | 65.23 | 67.59 | 17.53 | 81.79 | 3.05 | 100/1000 |
| WW45A | 68.20 | 75.06 | 66.63 | 74.07 | 25.40 | 87.38 | 3.05 | 100/1000 |
| WW53 | 76.08 | 80.01 | 74.30 | 78.24 | 19.05 | 91.19 | 3.05 | 100/1000 |
| WW55A | 75.95 | 82.55 | 74.17 | 80.01 | 25.40 | 95.25 | 3.05 | 100/1000 |
| WW57A | 78.49 | 85.60 | 76.71 | 84.38 | 25.40 | 96.78 | 3.05 | 100/1000 |
| WW96A | 81.92 | 90.48 | 80.14 | 89.34 | 28.45 | 101.60 | 3.05 | 100/1000 |
| WW501 | 84.46 | 87.81 | 82.43 | 85.91 | 19.05 | 98.56 | 3.05 | 100/1000 |
| WW502 | 96.27 | 99.57 | 94.24 | 97.54 | 19.05 | 110.24 | 3.05 | 100/1000 |
| WW1064 | 101.88 | 105.03 | 100.00 | 103.15 | 19.05 | 117.35 | 3.05 | 100/1000 |
| WW1076 | 117.86 | 123.12 | 115.98 | 121.29 | 22.35 | 133.36 | 3.05 | 100/1000 |

- Designed with a wide, thick flange to insure against being erroneously forced through the hole when used as a plug.
- Accepted by the aircraft and defence industries.
- Available in a large size range and can be used as a plug or cap.





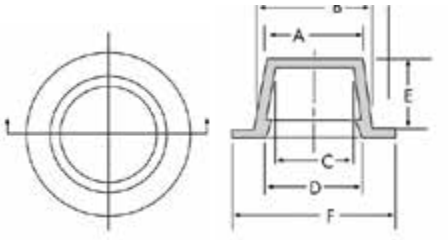
W SERIES

# Wide Flange Caps/Plugs

**Red LDPE**

- Offer a wider flange than standard Caps/Plugss. This gives greater protection for bearing surfaces and helps prevent accidental “push through” during installation and whilst in use.






| Part Number | A mm | B mm | C mm | D mm | E mm | F mm | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| W00 | 4.39 | 6.10 | 2.82 | 4.50 | 9.65 | 14.22 | 100/1000 |
| W001 | 6.10 | 8.00 | 4.65 | 6.22 | 9.14 | 15.75 | 100/1000 |
| W002 | 7.67 | 9.53 | 6.10 | 7.70 | 9.65 | 17.53 | 100/1000 |
| W003 | 9.14 | 10.80 | 7.57 | 9.22 | 9.65 | 19.05 | 100/1000 |
| W004 | 10.80 | 12.19 | 9.22 | 10.62 | 9.65 | 20.57 | 100/1000 |
| W005 | 11.99 | 13.72 | 10.41 | 12.14 | 11.18 | 22.35 | 100/1000 |
| W006 | 13.61 | 15.62 | 12.04 | 14.05 | 11.18 | 23.88 | 100/1000 |
| W007 | 14.99 | 17.02 | 13.41 | 15.44 | 12.70 | 25.40 | 100/1000 |
| W008 | 16.33 | 18.44 | 14.76 | 16.82 | 12.70 | 26.16 | 100/1000 |
| W009 | 17.35 | 19.94 | 15.77 | 18.36 | 13.46 | 28.70 | 100/1000 |
| W010 | 19.43 | 21.97 | 17.86 | 20.40 | 14.22 | 30.23 | 100/1000 |
| W011 | 20.83 | 23.62 | 19.25 | 22.05 | 14.99 | 31.75 | 100/1000 |
| W012 | 22.15 | 24.82 | 20.57 | 23.27 | 14.99 | 33.28 | 100/1000 |
| W013 | 24.77 | 28.04 | 23.19 | 26.47 | 18.29 | 36.58 | 100/1000 |
| W014 | 29.41 | 32.39 | 27.84 | 30.81 | 18.29 | 39.63 | 100/1000 |
| W014X | 29.85 | 32.61 | 28.45 | 31.22 | 16.00 | 42.42 | 100/1000 |
| W015 | 31.57 | 34.93 | 30.00 | 33.35 | 18.29 | 42.39 | 100/1000 |
| W016 | 33.33 | 37.47 | 31.75 | 35.89 | 22.35 | 45.98 | 100/1000 |
| W016X | 38.53 | 40.64 | 36.37 | 38.46 | 12.34 | 57.3 | 100/1000 |
| W017 | 36.98 | 41.02 | 35.38 | 39.45 | 18.29 | 49.28 | 100/1000 |
| W018 | 40.01 | 42.80 | 38.43 | 41.23 | 17.53 | 50.80 | 100/1000 |
| W019 | 44.07 | 48.26 | 42.50 | 46.69 | 18.29 | 56.39 | 100/1000 |
| W020 | 45.98 | 49.53 | 44.40 | 47.96 | 17.53 | 58.68 | 100/1000 |
| W021 | 49.40 | 53.34 | 47.83 | 51.77 | 17.53 | 61.98 | 100/1000 |

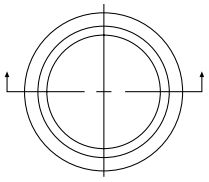
## Lift - Tab Caps/Plugs

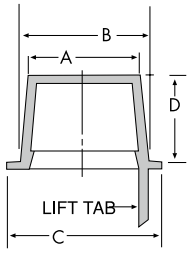
**Red LDPE**

| Part Number | A mm | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|
| L01 | 5.99 | 7.67 | 11.18 | 9.65 | 100/1000 |
| L01X | 6.78 | 8.51 | 11.94 | 9.65 | 100/1000 |
| L02 | 7.59 | 9.27 | 12.7 | 9.65 | 100/1000 |
| L02X | 8.38 | 10.06 | 13.46 | 9.65 | 100/1000 |
| L03 | 9.17 | 10.85 | 14.22 | 9.65 | 100/1000 |
| L03X | 9.91 | 11.58 | 14.99 | 9.65 | 100/1000 |
| L04 | 10.64 | 12.32 | 15.75 | 9.65 | 100/1000 |
| L04X | 11.35 | 13.03 | 16.76 | 9.65 | 100/1000 |
| L05 | 11.96 | 13.89 | 17.53 | 11.18 | 100/1000 |
| L05X | 12.7 | 14.63 | 18.29 | 11.18 | 100/1000 |
| L06 | 13.51 | 15.44 | 19.05 | 11.18 | 100/1000 |
| L06X | 13.97 | 16.03 | 19.05 | 11.94 | 100/1000 |
| L07 | 14.73 | 16.94 | 20.57 | 12.7 | 100/1000 |
| L07X | 15.49 | 17.65 | 21.34 | 12.7 | 100/1000 |
| L08 | 16.26 | 18.47 | 22.35 | 12.7 | 100/1000 |
| L08X | 17.15 | 19.18 | 22.35 | 12.7 | 100/1000 |
| L09 | 17.53 | 20.02 | 23.88 | 14.22 | 100/1000 |
| L09X | 18.42 | 20.91 | 24.64 | 14.22 | 100/1000 |
| L10 | 19.05 | 21.54 | 25.4 | 14.22 | 100/1000 |
| L11 | 20.37 | 23.14 | 26.93 | 15.75 | 100/1000 |
| L11X | 20.7 | 23.62 | 27.69 | 15.75 | 100/1000 |
| L12 | 21.99 | 24.77 | 28.45 | 15.75 | 100/1000 |
| L12X | 23.24 | 26.42 | 29.47 | 17.27 | 100/1000 |
| L13A | 24.38 | 26.59 | 30.23 | 12.7 | 100/1000 |
| L13 | 24.49 | 27.69 | 31.75 | 19.05 | 100/1000 |
| L13X | 25.27 | 29.08 | 33.28 | 19.05 | 100/1000 |
| L14 | 27.79 | 30.86 | 35.82 | 19.05 | 100/1000 |
| L14X | 29.85 | 32.61 | 36.58 | 15.75 | 100/1000 |
| L15X | 31.37 | 34.55 | 38.1 | 20.57 | 100/1000 |
| L16 | 33.33 | 37.21 | 41.15 | 22.35 | 100/1000 |
| L17 | 36.76 | 40.64 | 44.45 | 22.35 | 100/1000 |
| L18 | 39.63 | 42.72 | 47.75 | 19.05 | 100/1000 |
| L18X | 41.4 | 44.45 | 49.28 | 19.05 | 100/1000 |
| L19 | 44.45 | 47.75 | 50.8 | 19.05 | 100/1000 |
| L20 | 45.21 | 49.53 | 53.85 | 25.4 | 100/1000 |
| L210 | 46.84 | 50.8 | 53.85 | 25.4 | 100/1000 |
| L21 | 48.26 | 52.73 | 57.15 | 25.4 | 100/1000 |

- L SERIES plugs offer the convenience of an integral lift-tab which facilitates their removal.
- Since the tab extends above the cap body, the tab is easy to grasp.
- This is particularly helpful with small plugs and those installed in tight or difficult to reach locations.
- The off centre tag allows easy, instant withdrawal.



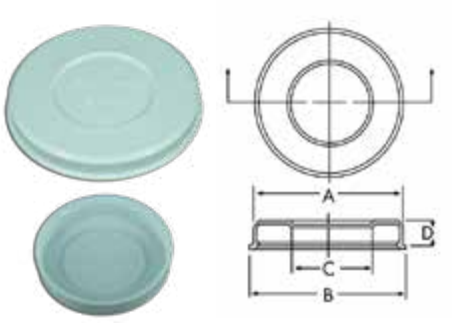





**STP Series**

## Shallow Tube Plug

**Red or White LDPE**




| Part Number | To Fit Size Inches | Nominal Tube I.D. mm | A mm | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| STP15 | 1-1/2 | 38.10 | 38.61 | 41.15 | 25.40 | 11.68 | 100/1000 |
| STP175 | 1-3/4 | 44.45 | 44.96 | 47.50 | 25.40 | 11.68 | 100/1000 |
| STP2 | 2 | 50.80 | 51.56 | 53.85 | 38.10 | 11.68 | 100/1000 |
| STP25 | 2-1/2 | 63.50 | 64.26 | 66.80 | 38.10 | 11.68 | 100/1000 |
| STP275 | 2-3/4 | 69.85 | 70.61 | 73.15 | 38.10 | 11.68 | 100/1000 |
| STP3 | 3 | 76.20 | 76.97 | 80.27 | 50.80 | 11.68 | 100/1000 |
| STP325 | 3-1/4 | 82.55 | 83.32 | 86.62 | 50.80 | 11.68 | 100/1000 |
| STP4 | 4 | 101.60 | 102.87 | 105.92 | 50.80 | 11.43 | 100/1000 |
| STP5 | 5 | 127.00 | 128.02 | 131.58 | 76.20 | 12.19 | 100/1000 |
| STP6 | 6 | 152.41 | 153.42 | 157.23 | 88.90 | 12.19 | 100/1000 |

- Designed to fit container tubes used for mailings, shipping or packaging
- They fit snugly in the tube without excessive internal protrusion.
- The unique narrow flange helps minimise catching on overhanging projections.

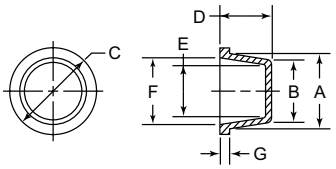
SR 1115

## Wide Flange Caps/Plugs

**Low-Density Polyethylene**

- Wider flange assures added protection on bearing surfaces
- Wider flange keeps plug from being accidently pushed down thru the mating part
- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters






To Assure Proper Fit:

| Plugs | Caps |
|---|---|
| Plug dimension “A” should be approx. 1% larger than the inner diameter of the part. Minimum of .020" | Cap dimension “E” should be approx. 1% smaller than the outside diameter of the part. Minimum of .020" |



| Part Number | Use as a Plug A In | A mm | B In | B mm | C In | C mm | D In | D mm | Use as a Cap E In | E mm | F In | F mm | G In | G mm | Color | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LF2A | 0.240 | 6.10 | 0.173 | 4.39 | 0.562 | 14.27 | 0.465 | 11.81 | 0.111 | 2.82 | 0.177 | 4.50 | 0.090 | 2.29 | Blue | 1 | 5500 |
| LF3A | 0.290 | 7.37 | 0.236 | 5.99 | 0.485 | 12.32 | 0.402 | 10.21 | 0.146 | 3.71 | 0.245 | 6.22 | 0.090 | 2.29 | Blue | 1 | 5000 |
| LF6A | 0.418 | 10.62 | 0.367 | 9.32 | 0.740 | 18.80 | 0.402 | 10.21 | 0.298 | 7.57 | 0.354 | 8.99 | 0.090 | 2.29 | Blue | 1 | 5000 |
| LF10A | 0.547 | 13.89 | 0.481 | 12.22 | 0.870 | 22.10 | 0.460 | 11.68 | 0.409 | 10.39 | 0.493 | 12.52 | 0.090 | 2.29 | Blue | 1 | 7000 |
| LF11XA | 0.631 | 16.03 | 0.565 | 14.35 | 0.950 | 24.13 | 0.491 | 12.47 | 0.500 | 12.70 | 0.580 | 14.73 | 0.090 | 2.29 | Blue | 1 | 5000 |
| LF12XA | 0.687 | 17.45 | 0.610 | 15.49 | 1.031 | 26.19 | 0.527 | 13.39 | 0.548 | 13.92 | 0.635 | 16.13 | 0.090 | 2.29 | Blue | 1 | 4500 |
| LF15XA | 0.812 | 20.62 | 0.725 | 18.42 | 1.140 | 28.96 | 0.580 | 14.99 | 0.662 | 16.81 | 0.765 | 19.43 | 0.090 | 2.29 | Blue | 1 | 3000 |
| LF17A | 0.920 | 23.37 | 0.820 | 20.83 | 1.250 | 31.75 | 0.621 | 15.77 | 0.741 | 18.82 | 0.865 | 21.97 | 0.090 | 2.29 | Blue | 1 | 2300 |
| LF18A | 0.975 | 24.77 | 0.867 | 22.02 | 1.281 | 32.54 | 0.650 | 16.51 | 0.805 | 20.45 | 0.913 | 23.19 | 0.090 | 2.29 | Blue | 1 | 4000 |
| LF19A | 1.020 | 25.90 | 0.950 | 24.13 | 1.344 | 34.13 | 0.715 | 18.16 | 0.875 | 22.22 | 0.957 | 24.30 | 0.090 | 2.29 | Blue | 1 | 1500 |
| LF22A | 1.380 | 35.10 | 1.240 | 31.40 | 1.690 | 42.85 | 0.750 | 18.90 | 1.160 | 29.60 | 1.310 | 33.30 | 0.120 | 3.05 | Blue | 1 | 2000 |
| LF28A | 1.890 | 48.01 | 1.730 | 43.94 | 2.312 | 58.72 | 0.745 | 18.92 | 1.650 | 41.91 | 1.825 | 46.36 | 0.120 | 3.05 | Blue | 1 | 1100 |

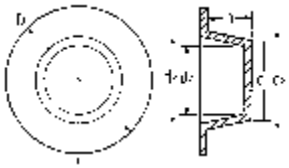
SR 1001

## Tapered Caps/Plugs-Large Flange Range

**Red LDPE**

- Complement SR 1000 caps and plugs
- Large flange for greater protection and easy removal





| Part number | Dimensions d1 | d2 | d3 | d4 | D | h | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| 12432 | 7.6 | 9.3 | 7.7 | 6.3 | 18.4 | 9.5 | 10000 |
| 12433 | 10.7 | 12.3 | 10.7 | 9.1 | 22.0 | 9.5 | 10000 |
| 10420 | 11.3 | 13.2 | 11.6 | 9.8 | 29.0 | 11.0 | 10000 |
| 110831 | 11.4 | 12.4 | 10.5 | 9.5 | 15.0 | 7.0 | 2000 |
| 12434 | 13.5 | 15.5 | 13.2 | 11.4 | 30.0 | 9.5 | 5000 |
| 18349 | 13.6 | 15.4 | 13.8 | 12.2 | 22.2 | 11.1 | 8000 |
| 18351 | 14.7 | 16.9 | 15.4 | 13.2 | 25.4 | 12.7 | 6000 |
| 12435 | 17.5 | 20.0 | 18.5 | 16.1 | 34.9 | 14.3 | 3000 |
| 18356 | 19.1 | 21.5 | 19.9 | 17.6 | 38.1 | 14.3 | 2500 |
| 12436 | 21.9 | 25.0 | 22.0 | 18.9 | 48.0 | 17.5 | 1500 |
| 12134 * | 22.5 | 25.3 | 23.5 | 20.8 | 55.4 | 17.3 | 3000 |
| 18357 | 24.7 | 27.7 | 26.1 | 23.2 | 38.1 | 19.1 | 1500 |
| 12437 | 30.4 | 33.6 | 30.7 | 27.8 | 47.3 | 15.2 | 1400 |
| 18360 | 31.1 | 34.4 | 32.8 | 29.8 | 47.6 | 19.1 | 1000 |
| 12438 | 33.3 | 37.2 | 35.6 | 32.0 | 50.8 | 22.2 | 800 |
| 12439 | 36.9 | 40.6 | 39.0 | 35.0 | 54.2 | 22.5 | 800 |
| 18362 | 41.4 | 44.8 | 43.0 | 39.7 | 57.2 | 19.0 | 700 |
| 12441 | 47.2 | 51.9 | 48.7 | 44.5 | 72.0 | 24.0 | 400 |
| 18366 | 48.3 | 52.7 | 50.7 | 46.3 | 63.5 | 25.4 | 1200 |
| 18368 | 51.5 | 54.1 | 52.0 | 49.6 | 66.7 | 18.5 | 500 |
| 18373 | 55.0 | 61.0 | 59.0 | 52.5 | 76.7 | 25.0 | 300 |
| 18374 | 62.0 | 66.4 | 64.3 | 59.0 | 83.0 | 28.0 | 250 |

| To Fit Thread Size | |
|---|---|
| As Cap | As Plug |
| - | - |
| ⅛" BSP | ¼" BSP,½" UNF |
| - | - |
| - | - |
| - | - |
| ¼" BSP,½" UNF | M16,⅝" UNF |
| - | M18 |
| M18 | ½" BSP |
| - | - |
| - | - |
| - | - |
| - | M27, M30 |
| M30 | M33, M32, 1" BSP |
| M33, M32 1¼" UNF | M35 |
| M35, 1" BSP | M36, M38 1⅛" BSP 1½" UNF |
| M38,1⅛" BSP | M39, M40 1¼" BSP |
| M42,1¼" BSP | M45 |
| - | - |
| M48,1¾" BSP | M52 |
| - | - |
| - | - |
| - | - |

*with Vent

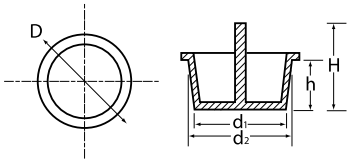
SR 1068

## Centre Pull Plugs

**Red LDPE**

- Centre pull-tab for easy fit and removal
- Excellent protection from damage, dirt, moisture and corrosion during production, storage and transportation






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | Metric | UNF | BSP | $d_1$ | $d_2$ | D | h | H | |
| 110029 | M8 | 5/16″ | - | 6.2 | 7.7 | 11.1 | 9.5 | 20.5 | 10000 |
| 110030 | M10 | 7/16″ | 1/8″ | 8.4 | 10.0 | 13.5 | 9.5 | 20.5 | 10000 |
| 110031 | - | 3/8″ | - | 9.5 | 10.8 | 14.0 | 9.5 | 20.5 | 10000 |
| 110032 | M12 | 1/2″ | 1/4″ | 10.9 | 12.3 | 15.9 | 9.5 | 20.3 | 10000 |
| 110033 | M14 | 9/16″ | - | 11.7 | 13.7 | 17.2 | 11.0 | 22.0 | 5000 |
| 110034 | M16 | 5/8″ | 3/8″ | 14.2 | 16.0 | 19.0 | 11.9 | 22.9 | 5000 |
| 110035 | M20 | 3/4″ | - | 16.4 | 18.3 | 22.2 | 12.3 | 23.5 | 500 |
| 110036 | - | 13/16″ | 1/2″ | 17.8 | 20.0 | 23.8 | 13.7 | 24.5 | 5000 |
| 110037 | M24 | 7/8″ | 5/8″ | 21.3 | 23.2 | 27.0 | 15.9 | 26.9 | 3000 |
| 10418 | - | 1″ | - | 22.5 | 25.5 | 28.9 | 17.8 | 29.0 | 2500 |
| 110038 | M28,M30 | 1 1/8″ | - | 24.7 | 27.7 | 32.0 | 19.0 | 30.0 | 2000 |
| 110039* | M52 | - | - | 48.2 | 52.7 | 57.1 | 25.4 | 26.4 | 300 |

*Pull-tab does not extend above overall height.

SR 1110

## Centre Pull Tab Plugs

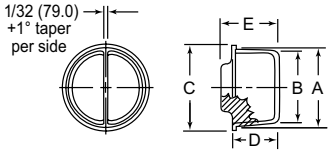
**Orange LDPE**

- The integral center pull tab feature is designed for quick and easy removal
- The tapered design allows the part to plug multiple inner diameters





| To Assure Proper Fit: |
|---|
| Plugs |
| Plug dimension “A” should be approx. 1% larger than the inner diameter of the part. Minimum of .020" |



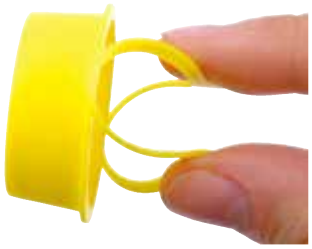

| Part Number | Use as a Plug | | | | | | | | | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | | B | | C | | D | | E | | |
| | In | mm | In | mm | In | mm | In | mm | In | mm | |
| CP6A | 0.335 | 8.51 | 0.267 | 6.78 | 0.469 | 11.91 | 0.406 | 10.32 | 0.625 | 15.88 | 5000 |
| CP9A | 0.428 | 10.87 | 0.362 | 9.19 | 0.594 | 15.08 | 0.375 | 9.53 | 0.750 | 19.05 | 7000 |
| CP10A | 0.463 | 11.76 | 0.402 | 10.21 | 0.625 | 15.88 | 0.375 | 9.53 | 0.750 | 19.05 | 6000 |
| CP14A | 0.500 | 12.70 | 0.567 | 14.40 | 0.720 | 18.30 | 0.469 | 11.90 | 0.811 | 20.60 | 7500 |
| CP12A | 0.512 | 13.00 | 0.448 | 11.38 | 0.656 | 16.67 | 0.406 | 10.32 | 0.563 | 14.29 | 5000 |
| CP18A | 0.579 | 14.70 | 0.669 | 17.00 | 0.811 | 20.60 | 0.531 | 13.50 | 0.752 | 19.10 | 5500 |
| CP19A | 0.610 | 15.50 | 0.697 | 17.70 | 0.839 | 21.30 | 0.531 | 13.50 | 0.780 | 19.80 | 5000 |
| CP24A | 0.610 | 15.50 | 0.827 | 21.00 | 1.000 | 25.40 | 0.591 | 15.00 | 0.839 | 21.30 | 5000 |
| CP31A | 0.973 | 24.71 | 0.869 | 22.07 | 1.120 | 28.45 | 0.750 | 19.05 | 1.000 | 25.40 | 4000 |
| CP37A | 1.092 | 27.74 | 0.967 | 24.56 | 1.250 | 31.75 | 0.780 | 19.81 | 1.030 | 26.16 | 2500 |
| CP40A | 1.146 | 29.10 | 1.026 | 26.10 | 1.339 | 34.00 | 0.752 | 19.10 | 1.000 | 25.40 | 2500 |
| CP42A | 1.094 | 27.80 | 1.220 | 31.00 | 1.409 | 35.80 | 0.780 | 19.80 | 1.000 | 25.40 | 2500 |
| CP44A | 1.150 | 29.20 | 1.287 | 32.70 | 1.551 | 39.40 | 0.752 | 19.10 | 1.000 | 25.40 | 2000 |
| CP47A | 1.356 | 33.22 | 1.292 | 32.82 | 1.500 | 38.10 | 0.781 | 19.84 | 1.000 | 25.40 | 1800 |
| CP49A | 1.311 | 33.30 | 1.465 | 32.70 | 1.622 | 41.20 | 0.752 | 19.10 | 1.000 | 25.40 | 1800 |
| CP51A | 1.527 | 38.79 | 1.344 | 34.14 | 1.750 | 44.45 | 0.880 | 22.35 | 1.000 | 25.40 | 1500 |
| CP55A | 1.601 | 40.67 | 1.451 | 36.86 | 1.750 | 44.45 | 0.750 | 19.05 | 1.000 | 25.40 | 1500 |
| CP56A | 1.735 | 44.07 | 1.615 | 41.02 | 1.906 | 48.42 | 0.719 | 18.26 | 1.125 | 28.58 | 1000 |
| CP57A | 1.938 | 49.23 | 1.807 | 45.90 | 2.160 | 54.86 | 1.000 | 25.40 | 1.250 | 31.75 | 1000 |

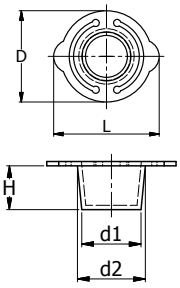
SR 1174

## Tapered Plug with Ring Tab

**Yellow LDPE**

- Can be used either as a plug or a cap
- Tapered profile for extended dimensions
- Easy removal of the part with strong ring tab






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d1 | d2 | H | D | L | |
| 498716 | 5.0 | 7.0 | 9.5 | 17.3 | 20.3 | 1000 |
| 498717 | 6.0 | 8.0 | 9.5 | 18.2 | 21.1 | 1000 |
| 498718 | 7.0 | 9.5 | 9.5 | 20.3 | 23.3 | 1000 |
| 498719 | 8.0 | 10.0 | 9.5 | 20.3 | 23.2 | 1000 |
| 498720 | 9.5 | 11.5 | 9.5 | 21.9 | 24.8 | 1000 |
| 498721 | 10.5 | 12.5 | 9.5 | 22.6 | 26.5 | 1000 |
| 498722 | 11.5 | 13.5 | 9.5 | 23.7 | 27.5 | 1000 |
| 498723 | 12.5 | 14.5 | 10.0 | 24.5 | 28.4 | 1000 |
| 498724 | 13.5 | 15.5 | 10.0 | 25.5 | 29.5 | 1000 |
| 498725 | 14.2 | 16.2 | 10.0 | 26.3 | 30.3 | 1000 |
| 498726 | 14.5 | 17.0 | 10.0 | 27.0 | 31.0 | 500 |
| 498727 | 15.5 | 18.0 | 10.0 | 28.3 | 32.0 | 500 |
| 498728 | 17.5 | 19.5 | 10.0 | 30.0 | 34.0 | 500 |
| 498729 | 18.0 | 20.0 | 10.0 | 30.0 | 34.0 | 500 |
| 498730 | 19.0 | 21.5 | 11.0 | 32.0 | 35.7 | 500 |
| 498731 | 21.0 | 24.2 | 11.0 | 34.7 | 38.7 | 500 |
| 498732 | 22.5 | 25.5 | 12.0 | 36.0 | 40.0 | 500 |
| 498733 | 25.0 | 28.0 | 12.0 | 38.5 | 42.2 | 500 |
| 498734 | 29.0 | 31.5 | 12.0 | 41.8 | 47.0 | 500 |
| 498735 | 29.5 | 32.0 | 12.0 | 42.5 | 47.6 | 500 |

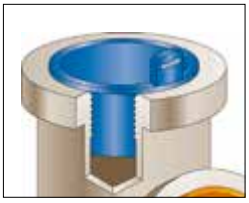
SR 1110

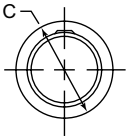
## Side Pull Tab Plugs

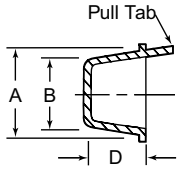
**Blue LDPE**

- The integral side pull tab feature is designed for easy removal in awkward locations
- The tapered design allows the part to plug multiple inner diameters








| Part Number | Use as a Plug | | | | | | | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|
| | A | | B | | C | | D | | |
| | In | mm | In | mm | In | mm | In | mm | |
| P7A | 0.365 | 9.27 | 0.300 | 7.62 | 0.531 | 13.49 | 0.375 | 9.53 | 5000 |
| P8A | 0.398 | 10.11 | 0.330 | 8.38 | 0.563 | 14.30 | 0.375 | 9.53 | 5000 |
| P11A | 0.485 | 12.32 | 0.420 | 10.67 | 0.594 | 15.08 | 0.375 | 9.53 | 5000 |
| P13A | 0.548 | 13.92 | 0.471 | 11.96 | 0.690 | 17.53 | 0.470 | 11.94 | 5000 |
| P16A | 0.623 | 15.82 | 0.531 | 13.49 | 0.750 | 19.05 | 0.500 | 12.70 | 7000 |
| P17A | 0.634 | 16.10 | 0.550 | 13.97 | 0.781 | 19.84 | 0.500 | 12.70 | 7000 |
| P18A | 0.668 | 16.97 | 0.580 | 14.73 | 0.810 | 20.57 | 0.530 | 13.46 | 5000 |
| P20A | 0.729 | 18.52 | 0.640 | 16.26 | 0.880 | 22.35 | 0.500 | 12.70 | 5000 |
| P23A | 0.785 | 19.94 | 0.690 | 17.53 | 0.937 | 23.81 | 0.625 | 15.88 | 3500 |
| P24A | 0.805 | 20.44 | 0.717 | 18.21 | 0.937 | 23.81 | 0.625 | 15.88 | 5000 |
| P26A | 0.912 | 23.16 | 0.802 | 20.37 | 1.060 | 26.92 | 0.650 | 16.51 | 5000 |
| P27A | 0.933 | 23.70 | 0.815 | 20.70 | 1.120 | 28.45 | 0.620 | 15.75 | 5000 |
| P31A | 0.975 | 24.77 | 0.870 | 22.10 | 1.125 | 28.58 | 0.625 | 15.88 | 2500 |
| P33A | 1.040 | 26.42 | 0.915 | 23.24 | 1.160 | 29.46 | 0.720 | 18.29 | 5000 |
| P40A | 1.090 | 27.69 | 0.964 | 24.49 | 1.250 | 31.75 | 0.780 | 19.81 | 3000 |
| P41A | 1.145 | 29.08 | 0.995 | 25.27 | 1.310 | 33.27 | 0.780 | 19.81 | 2500 |
| P42A | 1.230 | 31.24 | 1.110 | 28.19 | 1.516 | 38.50 | 0.750 | 19.05 | 2500 |
| P44A | 1.275 | 32.39 | 1.165 | 29.59 | 1.405 | 35.69 | 0.750 | 19.05 | 2500 |
| P46A | 1.360 | 34.54 | 1.233 | 31.32 | 1.500 | 38.10 | 0.840 | 21.34 | 2500 |
| P53A | 1.600 | 40.64 | 1.450 | 36.83 | 1.750 | 44.45 | 0.750 | 19.05 | 2000 |
| P55A | 1.682 | 42.74 | 1.560 | 39.62 | 1.875 | 47.63 | 0.750 | 19.05 | 1500 |
| P57A | 1.750 | 44.45 | 1.633 | 41.48 | 1.940 | 49.28 | 0.750 | 19.05 | 1000 |
| P59A | 1.825 | 46.36 | 1.800 | 45.72 | 2.031 | 51.59 | 0.500 | 12.70 | 2000 |
| P61A | 1.950 | 49.53 | 1.780 | 45.21 | 2.120 | 53.85 | 1.000 | 25.40 | 1000 |
| P63A | 2.000 | 50.80 | 1.844 | 46.84 | 2.120 | 53.85 | 1.000 | 25.40 | 1000 |
| P65A | 2.083 | 52.91 | 1.920 | 48.77 | 2.250 | 57.15 | 1.000 | 25.40 | 1000 |
| P68A | 2.261 | 57.43 | 2.231 | 56.67 | 2.500 | 63.50 | 0.500 | 12.70 | 1000 |

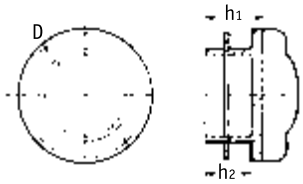
SR 1008

## Snap-Fit Plugs

**Red LDPE**

- Single turn gives tight fit once pushed into position






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | Metric | BSP/GAS | UNF/JIC | $h_1$ | D | $h_2$ | |
| 10530 | M10 | 1/8″ | 7/16″ | 6.0 | 9.8 | 4.0 | 12000 |
| 12363 | M12,M13,M14 | 1/4″ | 1/2″ | 7.0 | 13.1 | 5.0 | 10000 |
| 12364 | M16 | 3/8″ | 5/8″ | 7.0 | 16.5 | 5.0 | 10000 |
| 10314 | M18 | - | 3/4″ | 9.0 | 18.3 | 7.0 | 7000 |
| 12365 | M20 | 1/2″ | - | 9.0 | 21.3 | 7.0 | 5000 |
| 12366 | M22 | 5/8″ | 7/8″ | 9.0 | 22.4 | 7.0 | 5000 |
| 12621 | M24 | - | - | 9.0 | 23.5 | 7.0 | 3000 |
| 12367 | M25,M26 | 3/4″ | 1 1/16″ | 9.0 | 25.5 | 7.0 | 2000 |
| 12368 | M28 | 7/8″ | 1 1/8″ | 9.0 | 27.9 | 7.0 | 3000 |
| 12369 | M32 | 1″ | 1 5/16″ | 9.0 | 32.0 | 7.0 | 2500 |
| 12622 | M36 | 1 1/8″ | 1 1/2″,1 3/8″ | 9.0 | 35.7 | 7.0 | 2000 |
| 12598* | M40,M42 | 1 1/4″ | 1 5/8″ | 9.0 | 41.5 | 7.0 | 2000 |

* Pull-tab not as illustrated.

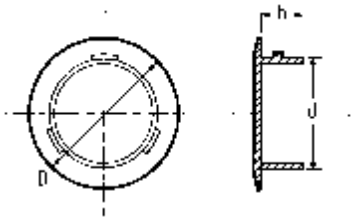
SR 1010

## Push-In Plugs

**LDPE**

- Quick fitting
- Suitable for most applications






Blue UNF/JIC

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | D | h | d | |
| 12512 | 7/16″ x20 | 15.5 | 7.0 | 9.5 | 10000 |
| 12513 | 1/2″ x20 | 17.0 | 7.0 | 11.0 | 10000 |
| 12514 | 9/16″ x18 | 20.5 | 7.0 | 12.5 | 10000 |
| 12515 | 5/8″ x18 | 23.7 | 6.5 | 14.3 | 10000 |
| 12516 | 3/4″ x16 | 24.9 | 8.6 | 17.4 | 10000 |
| 12517 | 7/8″ x14 | 26.6 | 10.4 | 20.3 | 5000 |
| 12518 | 1″ x14 | 31.0 | 10.0 | 23.5 | 4000 |
| 12519 | 1 1/16″ x12 | 35.5 | 10.0 | 24.8 | 4000 |

Red Without Lugs

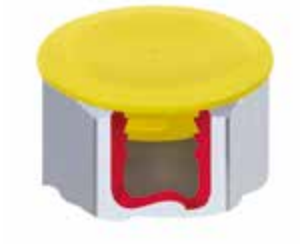
| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | D | h | d | |
| 12520 | 16.4 | 6.3 | 11.9 | 5000 |
| 12522 | 23.8 | 7.0 | 19.2 | 5000 |
| 12523 | 30.0 | 6.1 | 25.5 | 2500 |
| 12524 | 35.0 | 8.0 | 30.9 | 2000 |

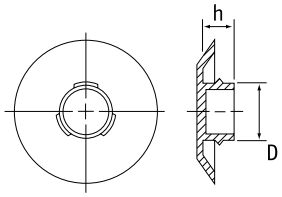
SR 1119

## Straight Pull Plugs

**Yellow LDPE**

- Provides all the advantages of a threaded plug with the ease of a push-in style






| Part Number | To Fit UNF Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | D | h | |
| I1/4A | 1/4″ | 5.2 | 5.6 | 50000 |
| I5/16A | 5/16″ | 6.7 | 6.0 | 35000 |
| I3/8A | 3/8″ | 8.2 | 6.0 | 27000 |
| I7/16A | 7/16″ | 9.7 | 6.9 | 18000 |
| I1/2A | 1/2″ | 11.1 | 6.9 | 50000 |
| I9/16A | 9/16″ | 12.6 | 7.4 | 10000 |
| I5/8A | 5/8″ | 14.2 | 7.4 | 7500 |
| I11/16A | 11/16″ | 15.5 | 7.4 | 7000 |
| I3/4A | 3/4″ | 17.2 | 7.4 | 6000 |
| I13/16A | 13/16″ | 18.6 | 7.4 | 5000 |
| I7/8A | 7/8″ | 20.3 | 7.4 | 4500 |
| I1A | 1″ | 23.4 | 7.4 | 3500 |
| I1-1/16A | 1 1/16″ | 24.7 | 7.4 | 3000 |
| I1-3/16A | 1 3/16″ | 27.7 | 8.6 | 2000 |
| I1-1/4A | 1 1/4″ | 29.5 | 8.6 | 2000 |
| I1-5/16A | 1 5/16″ | 30.9 | 8.6 | 2000 |
| I1-5/8A | 1 5/8″ | 38.7 | 11.7 | 1000 |
| I1-7/8A | 1 7/8″ | 45.1 | 11.7 | 800 |

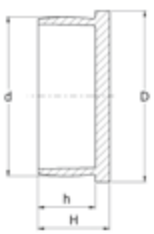
SR 1011

# Barrel Plugs

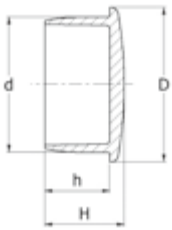
**Natural LDPE**

- General-purpose plug for a wide range of applications
- Quick to fit and remove
- Convexed sides to ensure secure fit

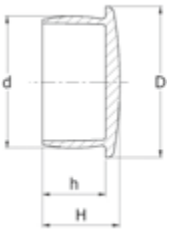
LINE EXTENSION




Type 1




Type 2




Type 3



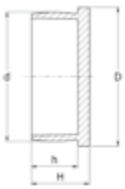
| Part Number | Type | To Fit Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | d | D | h | H | |
| 055002200003 | 2 | – | 2.1 | 3.5 | 7.0 | – | 1000 |
| 055002500003 | 2 | – | 2.6 | 12.0 | 4.0 | – | 1000 |
| 055002600003 | 2 | – | 2.7 | 12.0 | 6.0 | – | 1000 |
| 055003200003 | 2 | – | 3.3 | 12.0 | 6.0 | 7.7 | 1000 |
| 055004400003 | 2 | – | 4.4 | 9.0 | 5.2 | 6.5 | 1000 |
| 055004700003 | 2 | – | 4.6 | 7.0 | 5.0 | 6.2 | 1000 |
| 055005200003 | 2 | – | 5.1 | 11.0 | 6.0 | 8.0 | 1000 |
| 10876 | 2 | – | 5.4 | 12.0 | 7.5 | 9.5 | 10000 |
| 055006000003 | 2 | – | 6.0 | 11.0 | 7.0 | – | 1000 |
| 1287228 | 1 | – | 6.3 | 9.6 | 4.0 | 5.1 | 1000 |
| 055006600003 | 2 | – | 6.6 | 7.5 | 5.0 | – | 1000 |
| 055007000003 | 2 | – | 7.2 | 11.0 | 6.5 | 8.4 | 500 |
| 12135 | 1 | M8x1, 5/16″x24UNF | 7.3 | 14.0 | 6.0 | 8.0 | 10000 |
| 055007500003 | 2 | – | 7.5 | 10.7 | 4.5 | 6.2 | 500 |
| 055008000003 | 2 | – | 8.0 | 12.0 | 7.5 | 9.5 | 500 |
| 12136 | 1 | – | 8.4 | 14.0 | 6.0 | 8.0 | 10000 |
| 055008400003 | 2 | – | 8.5 | 12.0 | 4.0 | – | 500 |
| 055008800003 | 2 | – | 8.8 | 11.5 | 8.0 | 9.5 | 500 |
| 055009300003 | 3 | M10 | 9.3 | 12.0 | 9.0 | 11.5 | 500 |
| 10905 | 1 | M10 | 9.3 | 14.0 | 4.5 | 6.5 | 6000 |
| 12978 | 1 | 1/8"BSP,M10x1.5 | 9.3 | 16.0 | 5.9 | 8.3 | 6000 |
| 055010100003 | 2 | – | 10.0 | 12.0 | 4.0 | 5.7 | 500 |
| 055010000003 | 2 | – | 10.0 | 15.0 | 9.0 | 11.2 | 500 |
| 055010700003 | 3 | – | 10.5 | 14.8 | 8.7 | 11.4 | 500 |
| 12977 | 1 | M10x1.5 | 10.7 | 14.0 | 6.0 | 8.2 | 6000 |
| 1255331 | 2 | M12x1.25,M12x1 | 11.3 | 14.4 | 5.5 | 9.5 | 1000 |
| 055011900003 | 3 | – | 11.9 | 14.8 | 8.0 | – | 500 |
| 110478 | 1 | – | 11.9 | 16.0 | 7.0 | 9.0 | 5000 |
| 10906 | 1 | M14x1.5 | 12.3 | 16.0 | 7.0 | 9.0 | 5000 |
| 055012500003 | 3 | – | 12.8 | 17.5 | 9.0 | 11.9 | 500 |
| 12979 | 1 | M14x1.5 | 12.8 | 20.0 | 7.8 | 10.3 | 5000 |
| 055013200003 | 3 | – | 13.2 | 17.5 | 8.0 | – | 500 |
| 1287226 | 1 | M14x1.5,M14x1.25 | 13.3 | 18.7 | 7.0 | 9.0 | 1000 |
| 12787 | 1 | – | 13.7 | 20.0 | 8.0 | 10.0 | 5000 |
| 055013600003 | 3 | – | 13.9 | 19.5 | 9.0 | – | 500 |
| 1255332 | 2 | M16x1.5 | 14.0 | 18.7 | 7.0 | 9.0 | 1000 |
| 12089 | 1 | M16 | 14.5 | 20.0 | 5.5 | 7.5 | 5000 |
| 055014300003 | 3 | – | 14.9 | 18.5 | 9.0 | 11.7 | 500 |
| 1287225 | 1 | M16x1.5 | 15.0 | 18.7 | 7.0 | 9.0 | 1000 |
| 055015400003 | 3 | – | 15.4 | 19.0 | 8.5 | 11.5 | 500 |
| 12789 | 1 | M18x2.5,3/8"BSP | 15.6 | 20.0 | 8.0 | 10.0 | 5000 |
| 055015700003 | 3 | – | 15.9 | 19.0 | 8.5 | 10.8 | 500 |
| 1287229 | 2 | M18x2,M18x1.5,M8x1 | 16.5 | 18.7 | 7.0 | 9.0 | 1000 |
| 055016800003 | 3 | – | 17.0 | 19.5 | 9.0 | 11.6 | 500 |
| 12790 | 1 | – | 17.0 | 22.0 | 8.2 | 10.8 | 5000 |
| 055017200003 | 2 | – | 17.4 | 23.0 | 9.5 | – | 500 |
| 465687 | 1 | M20x2 | 17.8 | 24.6 | 9.0 | 11.3 | 1000 |
| 12791 | 1 | M20x2.5 | 18.4 | 25.0 | 8.0 | 10.5 | 5000 |
| 055018300003 | 2 | – | 18.8 | 21.5 | 9.0 | 12.0 | 500 |
| 12792 | 1 | ½"BSP | 19.3 | 25.0 | 8.0 | 11.0 | 5000 |
| 465688 | 1 | M22x2 | 19.5 | 24.6 | 9.0 | 11.1 | 1000 |
| 055019600003 | 2 | – | 19.6 | 25.5 | 9.3 | – | 500 |
| 1255333 | 1 | M22x1.5 | 20.1 | 24.6 | 9.0 | 11.1 | 500 |

CONTINUED ON NEXT PAGE

SR 1011

# Barrel Plugs *CONTINUED*

**Natural LDPE**




Type 1




Type 2




Type 3



| Part Number | Type | To Fit Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | d | D | h | H | |
| 055020000003 | 3 | – | 20.5 | 25.2 | 9.0 | 12.0 | 250 |
| 12980 | 1 | M22 x 1.5 | 20.5 | 30.0 | 10.7 | 13.2 | 3000 |
| 055021000003 | 2 | – | 21.0 | 25.6 | 12.6 | 15.6 | 250 |
| 12793 | 1 | 5/8"BSP | 21.2 | 25.0 | 7.5 | 9.5 | 5000 |
| 12794 | 1 | – | 21.7 | 25.0 | 8.0 | 10.5 | 4000 |
| 12796 | 1 | M24x2 | 22.4 | 28.0 | 9.0 | 12.0 | 4000 |
| 055022300003 | 3 | – | 22.6 | 29.0 | 9.0 | – | 500 |
| 055023000003 | 1 | – | 23.0 | 27.4 | 19.3 | 20.8 | 100 |
| 12797 | 1 | – | 23.4 | 28.0 | 9.0 | 12.0 | 4000 |
| 055024000003 | 1 | – | 24.0 | 27.0 | 12.8 | 14.4 | 100 |
| 12799 | 1 | M26,3/4"BSP | 24.6 | 28.0 | 9.0 | 12.0 | 3000 |
| 055025500003 | 2 | – | 24.8 | 31.5 | 6.0 | 8.2 | 100 |
| 055024500003 | 3 | – | 25.0 | 32.0 | 13.0 | 16.2 | 100 |
| 12800 | 1 | M27 | 25.5 | 28.0 | 7.5 | 9.5 | 3000 |
| 055026000003 | 3 | – | 26.0 | 31.5 | 12.3 | – | 500 |
| 12801 | 1 | M28x1.5 | 26.5 | 28.0 | 9.0 | 12.0 | 4000 |
| 055027200003 | 2 | – | 27.0 | 29.6 | 15.0 | 16.4 | 100 |
| 465690 | 1 | M30x3 | 27.5 | 34.8 | 12.0 | 14.5 | 500 |
| 055028600003 | 3 | – | 28.6 | 34.0 | 15.0 | 18.8 | 100 |
| 12802 | 1 | – | 29.0 | 36.0 | 12.0 | 15.0 | 3000 |
| 12803 | 1 | 7/8"BSP | 30.5 | 36.0 | 12.0 | 15.0 | 2500 |
| 055031200003 | 3 | – | 31.2 | 38.0 | 13.0 | – | 500 |
| 12804 | 1 | M33x1.5,1"BSP | 31.8 | 36.0 | 10.0 | 12.5 | 2000 |
| 1255334 | 1 | M33x2.M33x1.5.M36x3 | 32.6 | 34.8 | 12.0 | 14.5 | 500 |
| 12805 | 1 | M35x1.5 | 33.5 | 36.0 | 12.0 | 15.0 | 2000 |
| 055033500003 | 3 | – | 33.5 | 41.0 | 12.0 | 14.8 | 100 |
| 055034000003 | 1 | – | 34.0 | 40.0 | 20.0 | – | 500 |
| 110479 | 1 | – | 34.8 | 42.0 | 15.0 | 18.0 | 2000 |
| 055035600003 | 2 | – | 35.5 | 46.5 | 15.0 | 19.5 | 100 |
| 110480 | 1 | – | 36.5 | 42.0 | 15.0 | 18.0 | 2000 |
| 465692 | 1 | M39x3 | 37.6 | 40.4 | 12.0 | 14.5 | 500 |
| 110481 | 1 | – | 38.4 | 42.0 | 15.0 | 18.0 | 2000 |
| 1258454 | 1 | M39x1.5,M42x3 | 39.0 | 49.3 | 16.0 | 18.9 | 500 |
| 055039500003 | 3 | – | 39.5 | 46.0 | 16.0 | – | 500 |
| 110482 | 1 | – | 40.6 | 44.0 | 15.0 | 18.0 | 1500 |
| 055042000003 | 3 | – | 42.2 | 44.5 | 13.0 | – | 500 |
| 10122 | 1 | – | 42.3 | 48.0 | 15.0 | 18.0 | 1000 |
| 055043300003 | 3 | – | 43.3 | 50.5 | 15.0 | 18.0 | 100 |
| 055045500003 | 3 | – | 45.3 | 51.0 | 16.0 | – | 500 |
| 055045800003 | 3 | – | 45.8 | 51.0 | 16.0 | – | 500 |
| 110483 | 1 | – | 46.0 | 55.0 | 18.0 | 21.0 | 1500 |
| 055050500003 | 3 | – | 50.5 | 57.0 | 14.0 | 19.4 | 100 |
| 110484 | 1 | 1 ¾"BSP | 51.5 | 55.0 | 18.0 | 21.0 | 1500 |
| 055052000003 | 3 | – | 52.5 | 60.0 | 14.0 | 17.5 | 100 |
| 465694 | 1 | M56x4,M56,M56x2 | 54.1 | 58.7 | 18.0 | 21.0 | 500 |
| 055055300003 | 1 | – | 55.3 | 59.5 | 19.5 | 23.0 | 100 |
| 055055500003 | 3 | – | 55.5 | 59.0 | 16.0 | – | 500 |
| 055058000003 | 3 | – | 58.0 | 63.0 | 19.5 | – | 500 |
| 110485 | 1 | 2"BSP | 58.0 | 64.0 | 18.0 | 21.0 | 750 |
| 465695 | 1 | – | 59.6 | 73.5 | 18.0 | 21.0 | 500 |
| 055061500003 | 3 | – | 61.0 | 74.0 | 19.0 | – | 250 |
| 12137 | 1 | M72x2 | 70.0 | 78.0 | 18.0 | 21.5 | 500 |
| 055070000003 | 3 | – | 70.0 | 80.0 | 18.0 | – | 250 |
| 465696 | 1 | M75x1.5 | 73.7 | 82.3 | 17.4 | 20.4 | 250 |
| 1287227 | 1 | M80x4 | 80.8 | 92.5 | 17.4 | 20.4 | 250 |
| 055085000003 | 1 | – | 85.0 | 93.5 | 18.0 | 19.7 | 50 |
| 465698 | 1 | M76x2 | 86.5 | 99.3 | 17.4 | 20.4 | 250 |
| 465699 | 1 | M100x2 | 98.8 | 112.0 | 17.4 | 20.4 | 250 |
| 055110000003 | 2 | – | 110.5 | 130.0 | 18.0 | 21.5 | 50 |
| 465700 | 1 | M115x4 | 111.7 | 123.0 | 17.4 | 20.4 | 250 |

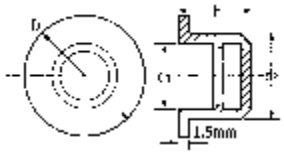
SR 1013

## Moss Plugs

**Black PVC or Green Vinyl**

- Highly resistant to shredding
- Green vinyl can be used with oils and greases






| Part Number | | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Black PVC | Black TPR | Green Vinyl | D | H | $d_1$ | $d_2$ | |
| 10874 | 18071 | - | 7.0 | 9.0 | 1.6 | 3.2 | 10000 |
| 12665 | 12049 | - | 11.0 | 12.0 | 3.2 | 5.0 | 10000 |
| 12666 | 12050 | 11806 | 12.0 | 12.0 | 3.1 | 6.0 | 5000 |
| 12667 | 12051 | 11817 | 13.0 | 12.0 | 4.5 | 7.0 | 5000 |
| 12668 | 12052 | 11808 | 14.0 | 12.0 | 4.9 | 8.0 | 10000 |
| 12669 | 12053 | 11829 | 15.0 | 12.0 | 6.1 | 9.0 | 5000 |
| 12670 | 12054 | 11807 | 16.0 | 12.0 | 7.2 | 10.0 | 5000 |
| 12671 | 12055 | 11824 | 17.0 | 12.0 | 8.2 | 11.0 | 10000 |
| 12672 | 12056 | 11809 | 20.0 | 12.0 | 9.2 | 12.0 | 8000 |
| 12673 | 12057 | 11822 | 21.0 | 14.0 | 10.2 | 13.0 | 8000 |
| 12674 | 12058 | 11813 | 22.0 | 14.0 | 11.0 | 14.0 | 7000 |
| 12675 | 12059 | 11830 | 23.0 | 14.0 | 12.2 | 15.0 | 6000 |
| 12677 | 12060 | 11820 | 24.0 | 14.0 | 12.9 | 16.0 | 6000 |
| 12678 | 12061 | 11811 | 27.0 | 14.0 | 14.0 | 17.0 | 5000 |

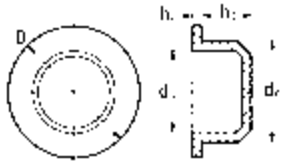
| Part Number | | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Black PVC | Black TPR | Green Vinyl | D | H | $d_1$ | $d_2$ | |
| 12679 | 12062 | 11827 | 28.0 | 14.0 | 15.0 | 18.0 | 4000 |
| 12680 | 12063 | 11818 | 29.0 | 14.0 | 16.1 | 19.0 | 2000 |
| 12681 | 12064 | 11812 | 30.0 | 14.0 | 17.2 | 20.0 | 2000 |
| 12683 | 12065 | 11823 | 31.0 | 14.0 | 18.0 | 21.0 | 3000 |
| 12684 | 12066 | 11828 | 32.0 | 14.0 | 19.0 | 22.0 | 1500 |
| 12685 | 12067 | 11814 | 33.0 | 14.0 | 20.1 | 23.0 | 1500 |
| 12686 | 12068 | 11810 | 34.0 | 16.0 | 21.6 | 24.0 | 2500 |
| 12687 | 12069 | 11816 | 35.0 | 16.0 | 22.2 | 25.0 | 2000 |
| 12688 | 12070 | 11819 | 36.0 | 16.0 | 23.5 | 26.0 | 2000 |
| 12689 | 12071 | 11821 | 37.0 | 16.0 | 23.6 | 27.0 | 2000 |
| 12690 | 12072 | 11825 | 38.0 | 16.0 | 25.2 | 28.0 | 2000 |
| 12692 | 12074 | 11826 | 40.0 | 16.0 | 27.9 | 30.0 | 1000 |
| 12693 | 12501 | 12078 | 50.0 | 22.0 | 36.4 | 40.0 | 700 |
| 12694 | 12502 | - | 57.0 | 22.0 | 43.2 | 47.0 | 500 |

SR 1015

## Parallel Protection Plugs

**Natural LDPE**

- Popular general-purpose plug






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | D | $h_1$ | $h_2$ | |
| 1451041 | – | 3.0 | 6.3 | 4.6 | – | 5000 |
| 1450188 | – | 3.5 | 6.9 | 4.6 | – | 5000 |
| 1450189 | – | 4.0 | 7.4 | 5.0 | – | 5000 |
| 1441574 | – | 4.5 | 8.0 | 5.0 | – | 5000 |
| 12150 | 3.5 | 5.0 | 9.0 | 5.0 | 1.0 | 10000 |
| 12151 | 3.6 | 5.5 | 9.5 | 5.0 | 1.0 | 10000 |
| 12152 | 4.5 | 6.0 | 10.0 | 5.5 | 1.0 | 10000 |
| 12153 | 5.0 | 6.5 | 10.5 | 5.5 | 1.0 | 10000 |
| 12154 | 5.5 | 7.0 | 11.0 | 5.5 | 1.0 | 10000 |
| 12155 | 5.6 | 7.5 | 11.5 | 5.5 | 1.0 | 10000 |
| 12156 | 6.5 | 8.0 | 12.0 | 5.5 | 1.0 | 10000 |
| 12157 | 7.0 | 8.5 | 12.5 | 6.0 | 1.0 | 10000 |
| 12158 | 7.5 | 9.0 | 13.0 | 6.0 | 1.0 | 10000 |
| 12159 | 8.0 | 9.5 | 13.5 | 6.0 | 1.0 | 10000 |
| 12160 | 8.5 | 10.0 | 14.0 | 6.5 | 1.0 | 10000 |
| 12161 | 9.0 | 10.5 | 14.5 | 6.5 | 1.0 | 10000 |
| 12162 | 9.5 | 11.0 | 15.0 | 6.5 | 1.0 | 10000 |
| 12163 | 10.0 | 11.5 | 15.5 | 6.5 | 1.0 | 10000 |
| 12164 | 10.5 | 12.0 | 15.8 | 6.5 | 1.0 | 5000 |
| 12165 | 11.0 | 12.5 | 16.5 | 6.5 | 1.0 | 5000 |
| 12166 | 11.0 | 13.0 | 17.0 | 6.5 | 1.25 | 5000 |
| 12167 | 11.5 | 13.5 | 17.5 | 6.5 | 1.25 | 5000 |
| 12168 | 12.0 | 14.0 | 18.0 | 6.5 | 1.25 | 5000 |
| 12169 | 12.5 | 14.5 | 18.5 | 7.0 | 1.25 | 5000 |
| 12170 | 13.0 | 15.0 | 19.0 | 7.5 | 1.25 | 5000 |
| 12171 | 13.5 | 15.5 | 19.5 | 7.5 | 1.25 | 5000 |
| 12172 | 14.0 | 16.0 | 20.0 | 7.5 | 1.25 | 5000 |

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | D | $h_1$ | $h_2$ | |
| 12173 | 14.5 | 16.5 | 20.5 | 7.5 | 1.25 | 5000 |
| 12174 | 15.0 | 17.0 | 21.0 | 7.5 | 1.25 | 5000 |
| 12175 | 15.5 | 17.5 | 21.5 | 7.5 | 1.25 | 5000 |
| 12176 | 16.0 | 18.0 | 22.0 | 8.5 | 1.25 | 5000 |
| 12177 | 16.5 | 18.5 | 22.5 | 8.5 | 1.25 | 5000 |
| 12178 | 17.0 | 19.0 | 23.0 | 8.5 | 1.25 | 5000 |
| 12179 | 17.5 | 19.5 | 23.4 | 8.5 | 1.25 | 5000 |
| 12180 | 18.0 | 20.0 | 24.0 | 9.0 | 1.25 | 5000 |
| 12181 | 18.5 | 20.5 | 24.5 | 9.0 | 1.25 | 5000 |
| 12182 | 19.0 | 21.0 | 25.0 | 9.0 | 1.25 | 5000 |
| 12183 | 19.5 | 21.5 | 25.5 | 9.0 | 1.25 | 5000 |
| 12184 | 20.0 | 22.0 | 26.0 | 9.0 | 1.25 | 5000 |
| 12185 | 20.0 | 22.5 | 26.5 | 9.0 | 1.5 | 2500 |
| 12186 | 20.5 | 23.0 | 27.0 | 9.0 | 1.5 | 2500 |
| 12187 | 21.0 | 23.5 | 27.5 | 9.0 | 1.5 | 1250 |
| 12188 | 21.5 | 24.0 | 28.0 | 9.0 | 1.5 | 2500 |
| 12189 | 22.0 | 24.5 | 28.5 | 9.0 | 1.5 | 2500 |
| 12190 | 22.5 | 25.0 | 29.0 | 9.0 | 1.5 | 2500 |
| 1450190 | – | 25.5 | 28.8 | 10.4 | – | 5000 |
| 12191 | 23.5 | 26.0 | 30.0 | 10.0 | 1.5 | 2000 |
| 465656 | 24.7 | 26.6 | 30.6 | 8.5 | 1.4 | 1000 |
| 12192 | 24.5 | 27.0 | 31.0 | 10.0 | 1.5 | 2000 |
| 465657 | 26.0 | 27.7 | 31.6 | 8.5 | 1.3 | 1000 |
| 12193 | 25.5 | 28.0 | 32.0 | 10.0 | 1.5 | 2000 |
| 1450191 | – | 28.5 | 32.0 | 10.0 | – | 10000 |
| 12194 | 26.5 | 29.0 | 33.0 | 10.0 | 1.5 | 1500 |
| 1450192 | – | 29.5 | 33.3 | 10.3 | – | 9000 |
| 12195 | 27.5 | 30.0 | 34.0 | 10.0 | 1.5 | 1500 |
| 1450193 | – | 30.5 | 33.8 | 10.3 | – | 8000 |

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | D | $h_1$ | $h_2$ | |
| 465658 | 29.9 | 31.1 | 35.0 | 8.5 | 1.3 | 1000 |
| 465659 | 30.2 | 31.4 | 35.5 | 8.5 | 1.4 | 1000 |
| 10352 | 29.0 | 31.5 | 35.5 | 10.0 | 1.5 | 1500 |
| 465660 | 30.2 | 31.8 | 35.8 | 8.5 | 1.4 | 1000 |
| 1451042 | – | 32.0 | 36.6 | 10.3 | – | 7500 |
| 462590 | 30.5 | 32.5 | 37.0 | 11.0 | 1.0 | 1500 |
| 1441575 | – | 33.0 | 37.1 | 10.0 | – | 7000 |
| 465661 | 31.7 | 33.2 | 37.2 | 8.5 | 1.4 | 1000 |
| 1451043 | – | 33.5 | 36.7 | 10.5 | – | 6000 |
| 1451044 | – | 34.0 | 38.5 | 10.5 | – | 6000 |
| 1451045 | – | 34.5 | 37.6 | 10.2 | – | 6000 |
| 1450194 | – | 35.0 | 39.3 | 10.5 | – | 6000 |
| 1451046 | – | 35.5 | 38.8 | 10.3 | – | 5500 |
| 465662 | 34.4 | 36.0 | 40.2 | 8.5 | 1.4 | 1000 |
| 1450195 | – | 36.5 | 40.2 | 10.5 | – | 5000 |
| 1450196 | – | 37.0 | 41.5 | 10.3 | – | 5000 |
| 1450197 | – | 37.5 | 41.0 | 10.6 | – | 5000 |
| 1450198 | – | 38.0 | 43.0 | 10.3 | – | 5000 |
| 1451047 | – | 38.5 | 42.5 | 10.5 | – | 5000 |
| 465663 | 37.5 | 39.1 | 43.1 | 8.5 | 1.4 | 1000 |
| 465664 | 38.0 | 39.5 | 46.2 | 8.8 | 1.4 | 1000 |
| 462591 | 37.5 | 39.5 | 42.0 | 11.0 | 1.0 | 1000 |
| 465665 | 38.9 | 40.1 | 46.8 | 8.6 | 0.7 | 1000 |
| 465666 | 39.1 | 40.7 | 47.5 | 8.7 | 1.5 | 1000 |
| 1441576 | – | 41.0 | 45.2 | 10.0 | – | 5000 |
| 1451048 | – | 42.0 | 47.0 | 10.3 | – | 4500 |
| 465667 | 41.4 | 42.6 | 46.4 | 5.8 | 1.5 | 1000 |
| 1453621 | – | 43.0 | 47.3 | 10.5 | – | 4500 |
| 1450199 | – | 43.9 | 48.9 | 10.1 | – | 4000 |
| 1450200 | – | 44.9 | 50.2 | 10.5 | – | 4000 |
| 1441568 | – | 46.0 | 50.8 | 10.0 | – | 4000 |
| 465668 | 44.5 | 46.1 | 52.7 | 8.5 | 1.4 | 1000 |
| 462592 | 45.5 | 47.0 | 52.0 | 10.0 | 1.0 | 1000 |
| 1453622 | – | 48.0 | 52.8 | 10.1 | – | 3500 |
| 1450201 | – | 48.5 | 52.3 | 10.8 | – | 3500 |
| 1450202 | – | 49.0 | 53.9 | 10.4 | – | 3500 |
| 1453623 | – | 49.8 | 53.9 | 9.4 | – | 3500 |

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Same Day Shipping!
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| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | D | $h_1$ | $h_2$ | |
| 465672 | 49.5 | 51.1 | 60.0 | 10.2 | 1.1 | 750 |
| 1450203 | – | 52.0 | 58.1 | 10.9 | – | 3000 |
| 1450204 | – | 53.0 | 58.6 | 11.0 | – | 3000 |
| 1450205 | – | 53.5 | 56.3 | 9.3 | – | 3000 |
| 1451049 | – | 54.0 | 60.2 | 10.6 | – | 2500 |
| 1450206 | – | 55.0 | 61.6 | 10.8 | – | 2500 |
| 1451050 | – | 56.0 | 62.7 | 11.7 | – | 2000 |
| 1451051 | – | 57.0 | 60.2 | 9.8 | – | 2500 |
| 465673 | 56.5 | 58.2 | 67.0 | 8.7 | 1.1 | 750 |
| 1450207 | – | 59.0 | 65.4 | 10.9 | – | 2000 |
| 465674 | 58.8 | 60.0 | 61.7 | 10.2 | 0.7 | 750 |
| 1441577 | – | 60.8 | 67.5 | 11.0 | – | 2000 |
| 1450208 | – | 62.0 | 68.5 | 10.8 | – | 2000 |
| 1451052 | – | 62.7 | 67.0 | 9.5 | – | 2000 |
| 1451053 | – | 63.5 | 70.2 | 10.4 | – | 2000 |
| 1441578 | – | 63.5 | 66.5 | 9.5 | – | 2000 |
| 1441579 | – | 65.0 | 69.0 | 10.0 | – | 2000 |
| 1441569 | – | 66.0 | 70.5 | 10.5 | – | 2000 |
| 465675 | 64.6 | 66.2 | 75.2 | 8.7 | 1.1 | 750 |
| 1450209 | – | 67.0 | 73.0 | 10.2 | – | 2000 |
| 1450210 | – | 68.2 | 74.5 | 10.7 | – | 1800 |
| 1450211 | – | 69.0 | 74.4 | 10.4 | – | 1800 |
| 1450212 | – | 70.0 | 73.1 | 10.8 | – | 1800 |
| 1441570 | – | 70.9 | 74.5 | 10.8 | – | 1700 |
| 1450213 | – | 71.5 | 74.9 | 10.3 | – | 1700 |
| 1450214 | – | 72.0 | 78.7 | 11.5 | – | 1500 |
| 1450215 | – | 72.5 | 75.8 | 9.7 | – | 1500 |
| 465676 | 72.0 | 74.0 | 83.0 | 8.7 | 1.2 | 750 |
| 1441571 | – | 75.0 | 81.8 | 10.0 | – | 1500 |
| 1441572 | – | 75.5 | 80.5 | 11.5 | – | 1500 |
| 1451054 | – | 76.8 | 80.5 | 9.5 | – | 1500 |
| 1450216 | – | 78.0 | 81.5 | 10.6 | – | 1500 |
| 1450217 | – | 78.5 | 81.6 | 9.8 | – | 1500 |
| 1450218 | – | 79.5 | 83.0 | 9.8 | – | 1500 |
| 1441573 | – | 80.5 | 85.5 | 10.0 | – | 1500 |
| 465677 | 79.4 | 81.2 | 90.2 | 8.7 | 1.2 | 500 |
| 1450219 | – | 81.5 | 86.0 | 9.6 | – | 1500 |
| 1451055 | – | 82.5 | 86.0 | 9.7 | – | 1500 |
| 1451056 | – | 84.0 | 89.9 | 10.6 | – | 1300 |
| 1450220 | – | 84.5 | 89.7 | 7.7 | – | 1300 |
| 465678 | 83.2 | 85.1 | 93.8 | 8.7 | 1.4 | 500 |
| 1451057 | – | 85.5 | 88.9 | 9.5 | – | 1300 |
| 1451058 | – | 86.0 | 89.9 | 9.5 | – | 1300 |
| 465679 | 84.4 | 86.6 | 98.6 | 9.0 | 1.3 | 500 |
| 1451059 | – | 87.5 | 91.4 | 9.5 | – | 1300 |
| 1451060 | – | 88.5 | 92.9 | 9.5 | – | 1250 |
| 1451061 | – | 90.0 | 93.6 | 10.0 | – | 1300 |
| 1451062 | – | 90.5 | 94.5 | 9.5 | – | 1200 |
| 1450221 | – | 91.5 | 95 | 9.6 | – | 1200 |
| 1451063 | – | 92.5 | 96.3 | 9.5 | – | 1200 |
| 1451064 | – | 93.5 | 97.0 | 9.6 | – | 1200 |
| 1453624 | – | 94.5 | 98.5 | 9.5 | – | 1000 |
| 1453625 | – | 95.8 | 99.5 | 9.7 | – | 1000 |
| 1451065 | – | 96.5 | 100.0 | 9.5 | – | 1000 |
| 1451066 | – | 97.5 | 101.6 | 10.0 | – | 1000 |
| 1451067 | – | 98.5 | 101.8 | 9.6 | – | 1000 |
| 1451068 | – | 99.5 | 103.7 | 10.4 | – | 1000 |
| 465680 | 99.5 | 101.8 | 113.8 | 9.0 | 1.4 | 500 |

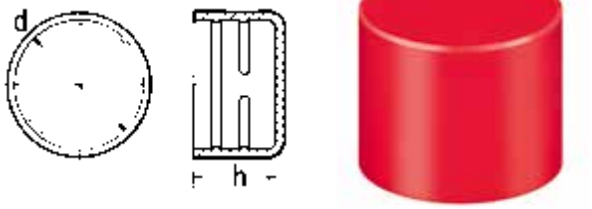
* Style variation with flange

SR 1387

## Ribbed Caps

**Red LDPE**

- Injection molded lid with internal ribs
- Compatible with ANSI and DIN standard pipes




| Part Number | Dimensions (mm) | | Colour | Std Pack Qty |
|---|---|---|---|---|
| | d | H | | |
| 12773 | 10.2 | 16.0 | Red | 10000 |
| 12774 | 12.0 | 16.0 | Red | 10000 |
| 462573 | 12.7 | 15.0 | Black | 5000 |
| 12775 | 15.0 | 20.0 | Red | 5000 |
| 12776 | 16.0 | 20.0 | Red | 5000 |
| 12849 | 18.0 | 20.0 | Red | 2500 |
| 1258264 | 20.0 | 20.0 | Grey | 5000 |
| 12777 | 20.0 | 20.0 | Red | 2000 |
| 12850 | 22.0 | 20.0 | Red | 2500 |
| 12779 | 25.0 | 20.0 | Red | 2000 |
| 1258265 | 26.0 | 20.0 | Grey | 5000 |
| 12780 | 28.0 | 26.5 | Red | 1000 |
| 12846 | 30.0 | 26.5 | Red | 800 |
| 12956 | 32.0 | 26.8 | Yellow | 800 |
| 462574 | 35.0 | 26.5 | Black | 700 |
| 12781 | 35.0 | 28.0 | Red | 800 |
| 12782 | 38.0 | 27.0 | Red | 500 |
| 12616 | 39.3 | 25.0 | Yellow | 500 |
| 12957 | 40.0 | 26.7 | Yellow | 500 |
| 12783 | 41.5 | 27.0 | Red | 2000 |
| 462576 | 50.8 | 29.0 | Black | 600 |

| Part Number | Dimensions (mm) | | Colour | Std Pack Qty |
|---|---|---|---|---|
| | d | H | | |
| 462577 | 54.7 | 36.0 | Black | 500 |
| 12982 | 54.0 | 27.8 | Red | 300 |
| 12617 | 63.5 | 29.0 | Yellow | 200 |
| 462578 | 63.5 | 33.0 | Yellow | 400 |
| 1258266 | 70.0 | 30.0 | Grey | 600 |
| 462579 | 75.0 | 38.0 | Black | 250 |
| 12618 | 75.0 | 31.0 | Yellow | 150 |
| 462580 | 77.0 | 32.0 | Black | 350 |
| 462581 | 78.0 | 32.0 | Black | 300 |
| 462582 | 79.4 | 28.0 | Black | 300 |
| 462583 | 80.5 | 28.0 | Black | 300 |
| 12959 | 92.0 | 34.5 | Yellow | 150 |
| 462584 | 92.4 | 32.0 | Yellow | 250 |
| 12633 | 95.5 | 33.0 | Yellow | 100 |
| 462585 | 96.5 | 39.0 | Red | 200 |
| 462586 | 100.3 | 40.0 | Red | 150 |
| 12960 | 110.0 | 34.6 | Yellow | 150 |
| 12619 | 125.0 | 35.0 | Yellow | 100 |
| 12961 | 125.0 | 34.1 | Yellow | 100 |
| 12620 | 137.0 | 35.0 | Yellow | 100 |

SR 1060

## Gas Cylinder Valve Protectors

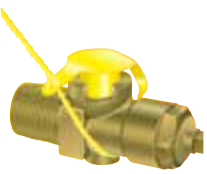
**Yellow LDPE**

- Developed in conjunction with major European gas companies
- Tamper evident
- Protect industrial gas valves from ingress of dust and dirt
- Unique vent flap allows safe release of gas following accidental opening of valve


Type 1


Type 2


Type 3


Type 4


Type 5


Type 6

| Part Number | | Nominal Dia (mm) | Type | To Fit BS Valves† | Main Gases | Std Pack Qty |
|---|---|---|---|---|---|---|
| Std | Vent Flap | | | | | |
| 12940 | 110048* | 21.7 | 1 | - | - | 2000 |
| 10781 | 110009 | 21.8 | 1 | 8 | $CO_2$ | 2000 |
| 110007 | 110008 | 24.3 | 1 | - | - | 2000 |
| 10783 | - | 25.4 | 1 | - | - | 2000 |
| 110005 | 110006 | 26.4 | 1 | - | - | 2000 |
| 10784 | - | 28.8 | 1 | - | - | 2000 |
| 10785 | 110004 | 22.2 | 2 | 2, 3, 4 | $N_2$, $O_2$, $H_2$, He, $C_2H_2$, Ar | 2500 |
| 10787 | - | 25.0 | 3 | - | Medical | 2000 |
| 110049 | - | 20.0 | 4 | - | - | 500 |
| 110583 | - | 30.0 | 4 | - | - | 500 |
| 110239 | 110240 | 30.0 | 5 | * * Nevoc | - | 1000 |
| - | 110586 | 35.0 | 5 | - | - | 1000 |
| - | 110588 | 38.0 | 5 | - | - | 1000 |
| 110589 | - | 21.8 | 6 | 8 | $CO_2$ | 500 |
| 110590 | - | 24.3 | 6 | - | - | 500 |
| 110832 | - | 28.0 | 6 | - | - | 500 |
| 110592 | - | 30.0 | 6 | * * Nevoc | - | 500 |

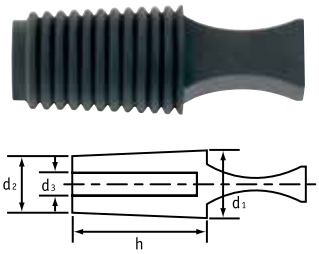
* With ventilation ring hole

SR 1034/1039/1160

## Flangeless Plugs

**Black PVC**

- Tapered shank and hollow core
- Each size fits a range of threads




| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | h | $d_3$ | |
| 10510† | 3.2 | 1.5 | 15.0 | - | 10000 |
| 10398† | 5.0 | 3.0 | 15.0 | - | 10000 |
| 18409† | 6.0 | 4.0 | 25.0 | - | 6000 |
| 11132 | 8.0 | 6.0 | 25.0 | 2.5 | 6000 |
| 11133 | 10.0 | 8.0 | 25.0 | 4.0 | 4000 |
| 11134 | 12.0 | 10.0 | 25.0 | 6.0 | 4000 |
| 11135 | 14.0 | 12.0 | 25.0 | 8.0 | 4000 |
| 11136 | 16.0 | 14.0 | 25.0 | 10.0 | 4000 |
| 11137 | 18.0 | 16.5 | 25.0 | 12.0 | 2000 |

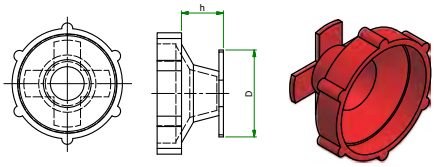
† TPR

SR 1039

## Combined Plugs

**Red LDPE**

- Unique design facilitates fast and reliable insertion into threaded holes



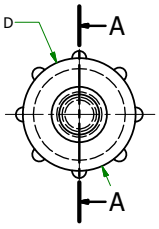

| Part Number | To Fit Thread Size | | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | NPT | UNF | BSP | Metric | h | D | |
| 10538 | 1/8" | 7/16" | 1/8" | M10 | 11.0 | 6.1 | 10000 |
| 15987 | – | 1/2" | 1/4" | M12 | 12.3 | 8.3 | 10000 |
| 10537 | 1/4" | 9/16" | – | M14 | 14.5 | 7.2 | 10000 |
| 10533 | - | 3/4" | 1/2" | M20 | 19.7 | 9.5 | 5000 |
| 10532 | – | 1" | 5/8-3/4" | M22-26 | 25.1 | 11.3 | 5000 |
| 10515 | 3/4" | 1 3/16" | 7/8" | M30 | 31.4 | 11.0 | 2000 |
| 10531 | – | 1 7/16" | 1" | M33-36 | 37.7 | 12.5 | 2000 |

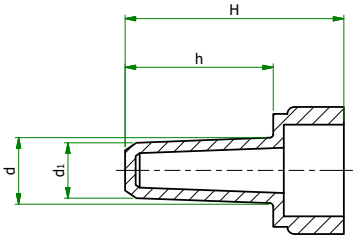
SR 1160

## Taper Shank Plug

**Orange LDPE**

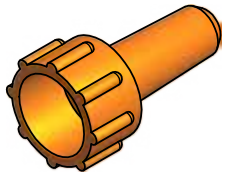
- Tapered Mounting Shank
- Suitable for installation in thick-walled threaded holes




A-A ( 2 : 1 )

| Part Number | Thread Size | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | d | d1 | H | h | |
| 464111 | M2 | 8.0 | 2.0 | 1.3 | 14.5 | 7.5 | 5000 |
| 464112 | M3 | 8.0 | 3.0 | 2.2 | 20.0 | 12.0 | 5000 |
| 464113 | M4 | 8.0 | 3.9 | 2.9 | 22.5 | 15.0 | 2500 |
| 464114 | M5 | 9.0 | 5.0 | 3.7 | 27.5 | 17.5 | 2500 |
| 464115 | M6 | 10.0 | 5.8 | 4.4 | 27.5 | 17.5 | 2500 |
| 464116 | M7 | 11.0 | 6.5 | 5.2 | 27.5 | 17.5 | 2500 |
| 464117 | M8 | 14.0 | 7.5 | 6.2 | 27.5 | 17.5 | 2000 |
| 464118 | M9 | 14.0 | 8.5 | 6.8 | 27.5 | 17.5 | 2000 |
| 464119 | M10 | 16.0 | 9.5 | 7.6 | 30.5 | 20.5 | 1500 |
| 464120 | M12 | 18.0 | 11.0 | 9.6 | 30.5 | 20.5 | 1500 |



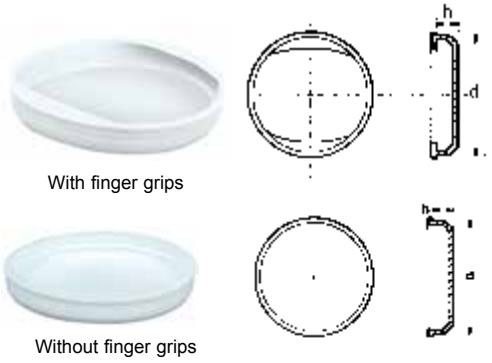
SR 1064

## Ribbed Tube End Plugs

**White LDPE**

• Option with finger grip for easy removal

| Part Number | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| With Finger Grips White | Without Finger Grips | d | h | |
| 10254 | - | 30.0 | 7.8 | 10000 |
| 199500 | 10228 | 40.0 | 10.8 | 4000 |
| 199501 | 10242 | 50.0 | 10.8 | 2500 |
| 199502 | 10245 | 60.0 | 10.7 | 1750 |
| 199503 | 10246 | 70.0 | 10.5 | 1000 |
| 199504 | 10247 | 80.0 | 12.5 | 800 |
| 199505 | - | 90.0 | 12.5 | 600 |
| 199506 | 10248 | 100.0 | 12.5 | 500 |
| 10542 | - | 110.0 | 12.8 | 350 |
| 199507 | - | 120.0 | 12.2 | 300 |
| 10543 | - | 125.0 | 13.0 | 300 |
| 10544 | - | 135.0 | 13.3 | 200 |




With finger grips

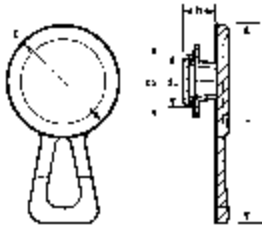
Without finger grips

SR 1055

## Ezeplugs

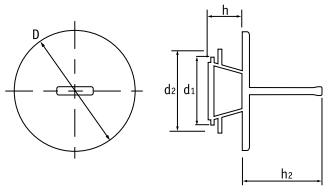
**Red LDPE**

• Patented design
• Simple push fit
• Fit threaded or plain ports
• Six sizes cover over 29 popular thread sizes
• Strong, flexible pull-tab for quick removal





Type 1 - Lateral Pull






Type 2 - Central Pull

Type 1 - Lateral Pull

| Part Number | To Fit Thread Size | | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | UNF | BSP | Metric | h | D | $d_1$ | $d_2$ | L | |
| 10093 | 7/16″ | 1/8″ | M10,M12 | 9.0 | 19.0 | 9.0 | 13.2 | 34.0 | 5000 |
| 10094 | 1/2″,5/8″,9/16″ | 1/4″ | M14,M16 | 7.0 | 22.7 | 9.8 | 16.5 | 40.0 | 5000 |
| 10095 | 3/4″ | 3/8″ | M18,M20 | 8.0 | 30.0 | 13.0 | 19.5 | 47.0 | 4000 |
| 10096 | 7/8″ | 1/2″,5/8″ | M22,M24 | 9.5 | 34.3 | 16.3 | 23.8 | 51.4 | 3000 |
| 10778 | 1 1/16″,1 1/8″ | 3/4″ | M26,M28 | 9.5 | 40.0 | 19.0 | 27.6 | 57.0 | 2000 |
| 110001 | 1 1/4″,1 3/8″ | 1″ | M30,M36 | 10.0 | 45.0 | 29.9 | 34.5 | 62.0 | 2000 |

Type 2 - Central Pull

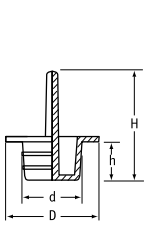
| Part Number | To Fit Thread Size | | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | UNF | BSP | Metric | h | D | $d_1$ | $d_2$ | L | |
| 467027 | 7/16″ | 1/8″ | M10,M12 | 9.0 | 19.0 | 9.0 | 13.2 | 21.2 | 500 |
| 467028 | 1/2″,5/8″,9/16″ | 1/4″ | M14,M16 | 7.0 | 22.7 | 9.8 | 16.5 | 21.2 | 500 |
| 467029 | 3/4″ | 3/8″ | M18,M20 | 8.0 | 30.0 | 13.0 | 19.5 | 21.4 | 250 |
| 467030 | 7/8″ | 1/2″,5/8″ | M22,M24 | 9.5 | 34.3 | 16.3 | 23.8 | 21.4 | 250 |
| 467031 | 1 1/16″,1 1/8″ | 3/4″ | M26,M28 | 9.5 | 40.0 | 19.0 | 27.6 | 21.5 | 100 |
| 467032 | 1 1/4″,1 3/8″ | 1″ | M30,M36 | 10.0 | 45.0 | 29.9 | 34.5 | 21.6 | 100 |

SR 1067

# Moss Pull Plugs

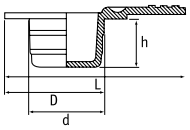
**Black Thermoplastic Rubber**

- Protect threaded or plain components
- Handy pull-tab for easy removal
- Acid-resistant
- Withstand temperatures of -40°C to +135°C
- Ideal for hydraulic and general engineering applications






Type 1 - Central Pull






Type 2 - Lateral Pull

Type 1 - Central Pull Plugs

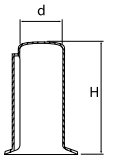
| Part Number | Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d | D | h | H | |
| 464905 | M8 | 7.5 | 15.5 | 8.0 | 24.0 | 500 |
| 110043 | M10 | 9.5 | 17.5 | 8.0 | 30.0 | 8000 |
| 110044 | M12 | 11.5 | 19.5 | 8.0 | 30.0 | 7000 |
| 110045 | M14 | 12.8 | 21.5 | 10.0 | 30.0 | 6000 |
| 110046 | M16 | 15.2 | 23.5 | 10.0 | 32.0 | 4000 |
| 464906 | M18 | 17.6 | 25.5 | 10.0 | 26.0 | 500 |
| 464907 | M20 | 19.4 | 27.5 | 12.0 | 26.0 | 500 |
| 464908 | M22 | 21.4 | 29.5 | 12.0 | 26.0 | 250 |
| 464909 | M24 | 23.5 | 28.5 | 12.0 | 26.0 | 250 |

Type 2 - Lateral Pull Plugs

| Part Number | Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d | D | h | H | |
| 464857 | M6 | 5.5 | 15.5 | 8.0 | 23.2 | 500 |
| 110291 | M8 | 7.5 | 15.0 | 8.0 | 25.3 | 7000 |
| 110280 | M10 | 9.5 | 17.0 | 8.0 | 27.3 | 7000 |
| 110281 | M12 | 11.5 | 17.0 | 8.0 | 28.3 | 7000 |
| 110282 | M14 | 13.0 | 21.0 | 10.0 | 31.0 | 6000 |
| 110283 | M16 | 15.5 | 23.0 | 10.0 | 33.3 | 4000 |
| 110294 | M18 | 17.0 | 26.0 | 10.0 | 35.5 | 4000 |
| 464858 | M20 | 19.4 | 27.5 | 12.0 | 37.1 | 500 |
| 464859 | M22 | 21.4 | 29.5 | 12.0 | 39.4 | 250 |
| 464860 | M24 | 23.5 | 28.5 | 12.0 | 40.8 | 250 |

SR 1079

# Driveshaft Protection Caps

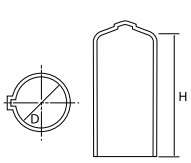





**Type 1 - Yellow LDPE**

- Fit driveshafts to DIN 748, IEC 600-72 and ISO R775
- Protection and masking of driveshaft as well as the surrounding bearings

| Part Number | To Fit Shaft Diameter d (mm) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | $d_1$ | H | |
| 1663672 | 9.0 | 14.5 | 25.0 | 500 |
| 1663673 | 10.0 | 16.0 | 30.0 | 500 |
| 1663674 | 11.0 | 17.5 | 30.0 | 500 |
| 1724424 | 14.0 | 22.5 | 35.0 | 500 |
| 1663676 | 15.0 | 25.5 | 35.0 | 500 |
| 1724425 | 16.0 | 25.5 | 50.0 | 500 |
| 1724426 | 19.0 | 30.5 | 50.0 | 500 |
| 1724427 | 20.0 | 32.0 | 60.0 | 250 |
| 1724428 | 22.0 | 35.5 | 60.0 | 250 |
| 1724429 | 24.0 | 38.5 | 60.0 | 200 |
| 1724430 | 25.0 | 40.0 | 70.0 | 200 |
| 1724431 | 28.0 | 45.0 | 70.0 | 150 |
| 1663684 | 30.0 | 48.0 | 95.0 | 100 |
| 1724432 | 32.0 | 51.0 | 95.0 | 100 |
| 1724433 | 35.0 | 56.0 | 95.0 | 100 |
| 1724434 | 38.0 | 61.0 | 95.0 | 100 |
| 1724435 | 42.0 | 67.0 | 130.0 | 75 |
| 1663689 | 45.0 | 72.0 | 130.0 | 50 |
| 1724436 | 48.0 | 77.0 | 130.0 | 100 |
| 1724437 | 55.0 | 88.0 | 130.0 | 100 |
| 1663692 | 60.0 | 96.0 | 165.0 | 75 |
| 1663693 | 75.0 | 112.0 | 165.0 | 75 |






**Type 2 - Yellow Flexible PVC**

- Fit driveshafts to DIN 748, IEC 600-72 and ISO R775
- Resistant to tearing, splitting, oil and most chemicals

| Part Number | To Fit Shaft Diameter d (mm) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | D | H | |
| SPWJ-10 | 10.0 | 10.0 | 50.0 | 1500 |
| SPWJ-11 | 11.0 | 11.0 | 50.0 | 1500 |
| SPWJ-14 | 14.0 | 14.0 | 50.0 | 1500 |
| SPWJ-16 | 16.0 | 16.0 | 60.0 | 1000 |
| SPWJ-19 | 19.0 | 19.0 | 60.0 | 1000 |
| SPWJ-20 | 20.0 | 20.0 | 60.0 | 1000 |
| SPWJ-22 | 22.0 | 22.0 | 70.0 | 750 |
| SPWJ-24 | 24.0 | 24.0 | 70.0 | 750 |
| SPWJ-25 | 25.0 | 25.0 | 70.0 | 500 |
| SPWJ-28 | 28.0 | 28.0 | 80.0 | 500 |
| SPWJ-30 | 30.0 | 30.0 | 80.0 | 400 |
| SPWJ-32 | 32.0 | 32.0 | 100.0 | 250 |
| SPWJ-35 | 35.0 | 35.0 | 100.0 | 200 |
| SPWJ-38 | 38.0 | 38.0 | 100.0 | 200 |
| SPWJ-42 | 42.0 | 42.0 | 130.0 | 150 |
| SPWJ-45 | 45.0 | 45.0 | 130.0 | 150 |
| SPWJ-48 | 48.0 | 48.0 | 130.0 | 100 |
| SPWJ-55 | 55.0 | 55.0 | 130.0 | 100 |
| SPWJ-60 | 60.0 | 60.0 | 140.0 | 100 |
| SPWJ-65 | 65.0 | 65.0 | 140.0 | 100 |
| SPWJ-70 | 70.0 | 70.0 | 140.0 | 100 |
| SPWJ-75 | 75.0 | 75.0 | 140.0 | 100 |

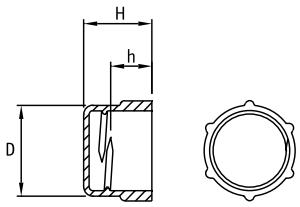
SR 1161

## Quick-Fit Caps

**Red LDPE**

- Fewer thread forms allow quick application






| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | D | H | h | |
| 464145 | M8 x1.0 | 10.0 | 10.0 | 6.0 | 5000 |
| 464146 | M10 x1.0 | 12.0 | 10.0 | 6.0 | 5000 |
| 464147 | M12x1.5 | 14.0 | 12.0 | 7.5 | 5000 |
| 464148 | M14 x1.5 | 16.0 | 12.0 | 7.5 | 5000 |
| 464149 | M14 x1.5 | 16.0 | 21.0 | 8.5 | 5000 |
| 464150 | M16 x1.5 | 18.0 | 12.0 | 7.5 | 5000 |
| 464151 | M16 x1.5 | 18.0 | 21.0 | 6.5 | 5000 |
| 464152 | M18 x1.5 | 20.0 | 14.0 | 9.5 | 4000 |
| 464153 | M20 x1.5 | 22.0 | 14.0 | 9.5 | 4000 |
| 464154 | M22 x1.5 | 24.5 | 14.0 | 9.5 | 2000 |
| 464155 | M24 x1.5 | 26.5 | 14.0 | 9.5 | 2000 |
| 464156 | M26 x1.5 | 28.5 | 14.0 | 9.5 | 2000 |
| 464157 | M28 x1.5 | 32.0 | 14.0 | 9.5 | 2000 |
| 464158 | M30 x2.0 | 34.0 | 14.0 | 9.0 | 1500 |

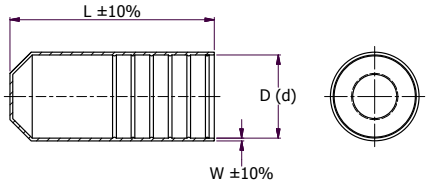
SR 1180

## Heat Shrink End Cap

**Polyolefin**

- Excellent sealing properties
- UV and weather resistance
- Operating temperature: -55°C to +110°C
- Min. full recovery temp: +120°C
- Internal coating with adhesive lining





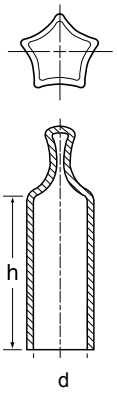

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | As supplied | After Recovered | | | |
| | D (Min.) | d (Max.) | L | w | |
| 498776 | 12.0 | 4.0 | 40.0 | 2.6 | 100 |
| 498777 | 14.0 | 5.0 | 45.0 | 2.2 | 100 |
| 498789 | 14.0 | 5.0 | 55.0 | 2.2 | 100 |
| 498778 | 20.0 | 6.0 | 55.0 | 2.8 | 50 |
| 498779 | 25.0 | 8.5 | 68.0 | 2.8 | 50 |
| 498780 | 35.0 | 16.0 | 83.0 | 3.3 | 50 |
| 498790 | 42.0 | 15.0 | 110.0 | 3.3 | 20 |
| 498782 | 55.0 | 26.0 | 105.0 | 3.5 | 10 |
| 498791 | 55.0 | 23.0 | 140.0 | 3.8 | 6 |
| 498792 | 62.0 | 23.0 | 140.0 | 3.8 | 6 |
| 498783 | 75.0 | 36.0 | 120.0 | 4.0 | 10 |
| 498793 | 75.0 | 36.0 | 150.0 | 4.0 | 10 |
| 498794 | 75.0 | 36.0 | 170.0 | 4.2 | 10 |
| 498784 | 100.0 | 52.0 | 130.0 | 5.0 | 1 |
| 498795 | 100.0 | 47.0 | 155.0 | 4.0 | 10 |
| 498785 | 120.0 | 60.0 | 150.0 | 5.0 | 1 |
| 498786 | 145.0 | 60.0 | 150.0 | 5.0 | 1 |
| 498787 | 160.0 | 82.0 | 133.0 | 4.5 | 9 |
| 498788 | 200.0 | 90.0 | 145.0 | 4.5 | 6 |

SR 1072

## Multi-Flex Caps

**Black Flexible PVC**

- Easy fitting and removal
- Unique design fits range of diameters
- Suitable for plain or threaded applications





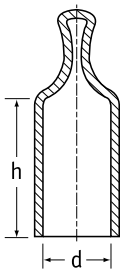

| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | |
| MFWA-090-025 | M10 | ⅜″ | ¾″ | 9.0-11.0 | 25.0 | 5000 |
| MFWA-110-025 | M12 | 7/16″,½″ | ¼″ | 11.0-13.5 | 25.0 | 2000 |
| MFWA-135-030 | M14,M16 | 9/16″,⅝″ | - | 13.5-16.5 | 30.0 | 2000 |
| MFWA-165-040 | M18 | ¾″ | ⅜″ | 16.5-20.0 | 40.0 | 1500 |
| MFWA-200-050 | M20,M22, M24 | ⅞″ | ½″,⅝″ | 20.0-24.0 | 50.0 | 1500 |

SR 1066

## Pull-Tab Flexicaps

**Black Flexible PVC (80 Shore)**

- Ideal for general-protection purposes
- Pull-tab for easy removal






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | Qty |
| PCWA-0036-013 | M4 | - | - | 3.6 | 13.0 | 5000 |
| PCWA-0048-013 | M4 | - | - | 4.8 | 13.0 | 5000 |
| PCWA-0053-013 | M6 | - | 7/32" | 5.3 | 13.0 | 5000 |
| PCWA-0061-013 | - | - | 1/4" | 6.1 | 13.0 | 5000 |
| PCWA-0075-013 | - | - | - | 7.5 | 13.0 | 5000 |
| PCWA-0075-025 | - | - | - | 7.5 | 25.0 | 5000 |
| PCWA-0077-013 | M8 | - | 5/16" | 7.7 | 13.0 | 7500 |
| PCWA-0077-025 | - | - | - | 7.7 | 25.0 | 5000 |
| PCWA-0087-013 | - | - | - | 8.7 | 13.0 | 5000 |
| PCWA-0093-013 | M10 | 1/8" | 3/8" | 9.3 | 13.0 | 2500 |
| PCWA-0093-025 | - | - | - | 9.3 | 25.0 | 2500 |
| PCWA-0097-013 | - | - | - | 9.7 | 13.0 | 2500 |
| PCWA-0097-025 | - | - | - | 9.7 | 25.0 | 2500 |
| PCWA-0108-013 | - | - | 7/16" | 10.8 | 13.0 | 5000 |
| PCWA-0108-025 | - | - | - | 10.8 | 25.0 | 5000 |
| PCWA-0111-013 | - | - | - | 11.1 | 13.0 | 2500 |
| PCWA-0111-025 | - | - | - | 11.1 | 25.0 | 5000 |
| PCWA-0119-013 | M12 | - | 1/2" | 11.9 | 13.0 | 5000 |
| PCWA-0119-025 | - | - | - | 11.9 | 25.0 | 3000 |
| PCWA-0124-025 | - | 1/4" | 1/2" | 12.4 | 25.0 | 5000 |
| PCWA-0124-013 | - | 1/4" | 1/2" | 12.4 | 13.0 | 5000 |
| PCWA-0132-013 | M14 | - | 17/32" | 13.2 | 13.0 | 5000 |
| PCWA-0132-025 | - | - | - | 13.2 | 25.0 | 2500 |
| PCWA-0143-025 | M15 | - | 9/16" | 14.3 | 25.0 | 2500 |
| PCWA-0153-013 | M16 | - | - | 15.3 | 13.0 | 2500 |
| PCWA-0153-025 | - | - | - | 15.3 | 25.0 | 2500 |
| PCWA-0159-025 | - | 3/8" | 5/8" | 15.9 | 25.0 | 2000 |

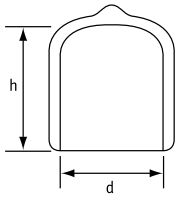
| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | Qty |
| PCWA-0163-013 | M18 | - | 1 1/16" | 16.3 | 13.0 | 2500 |
| PCWA-0163-025 | - | - | - | 16.3 | 25.0 | 1250 |
| PCWA-0174-013 | M18 | - | - | 17.4 | 13.0 | 2500 |
| PCWA-0174-025 | M18 | - | - | 17.4 | 25.0 | 2500 |
| PCWA-0188-013 | M20 | - | 3/4" | 18.8 | 13.0 | 2500 |
| PCWA-0188-025 | - | - | - | 18.8 | 25.0 | 1250 |
| PCWA-0200-013 | - | - | - | 20.0 | 13.0 | 2500 |
| PCWA-0200-025 | - | - | - | 20.0 | 25.0 | 2500 |
| PCWA-0206-013 | M22 | 1/2" | 13/16" | 20.6 | 13.0 | 2500 |
| PCWA-0206-025 | - | - | - | 20.6 | 25.0 | 2000 |
| PCWA-0220-025 | - | 5/8" | 7/8" | 22.0 | 25.0 | 1500 |
| PCWA-0238-025 | - | - | - | 23.8 | 25.0 | 1500 |
| PCWA-0246-013 | M25 | - | - | 24.6 | 13.0 | 1500 |
| PCWA-0246-025 | M25 | - | - | 24.6 | 25.0 | 1500 |
| PCWA-0251-025 | M26 | - | 1" | 25.1 | 25.0 | 1500 |
| PCWA-0269-025 | - | - | - | 26.9 | 25.0 | 1000 |
| PCWA-0286-025 | M30 | 7/8" | 1 1/8" | 28.6 | 25.0 | 1500 |
| PCWA-0286-038 | M30 | 7/8" | 1 1/8" | 28.6 | 38.0 | 1500 |
| PCWA-0312-038 | M32 | 1" | 1 1/4" | 31.2 | 38.0 | 350 |
| PCWA-0349-025 | M35 | - | 1 3/8" | 34.9 | 25.0 | 350 |
| PCWA-0349-038 | M35 | - | 1 3/8" | 34.9 | 38.0 | 350 |
| PCWA-0381-038 | M39 | - | 1 1/2" | 38.1 | 38.0 | 350 |
| PCWA-0381-050 | M39 | - | 1 1/2" | 38.1 | 50.0 | 350 |
| DMPC1605-1-1/2A | - | - | - | 41.28 | 38.0 | 350 |
| PCWA-0445-038 | M45 | 1 3/8" | - | 44.5 | 38.0 | 350 |
| PCWA-0445-050 | M45 | 1 3/8" | - | 44.5 | 50.0 | 350 |
| PCWA-0508-050 | M45 | - | 2" | 50.8 | 50.0 | 200 |

SR 1044

## Flexicaps

**Black Flexible PVC (80 Shore)**

- Flexible, durable PVC
- Suitable for a multitude of applications






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | Qty |
| FCWA-0020-013 | - | - | - | 2.0 | 13.0 | 5000 |
| FCWA-0028-013 | M3 | - | - | 2.8 | 13.0 | 5000 |
| FCWA-0032-013 | - | - | - | 3.2 | 13.0 | 5000 |
| FCWA-0036-013 | M4 | - | - | 3.6 | 13.0 | 5000 |
| FCWA-0036-019 | M4 | - | - | 3.6 | 19.0 | 5000 |
| FCWA-0036-025 | M4 | - | - | 3.6 | 25.0 | 5000 |
| FCWA-0039-013 | - | - | - | 3.9 | 13.0 | 5000 |
| FCWA-0039-019 | - | - | - | 3.9 | 19.0 | 5000 |
| FCWA-0039-025 | - | - | - | 3.9 | 25.0 | 5000 |
| FCWA-0044-013 | M5 | - | 3/16" | 4.4 | 13.0 | 5000 |
| FCWA-0044-019 | M5 | - | 3/16" | 4.4 | 19.0 | 5000 |
| FCWA-0044-025 | M5 | - | 3/16" | 4.4 | 25.0 | 5000 |

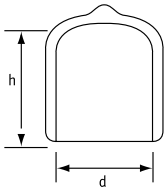
| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | Qty |
| FCWA-0048-013 | M5 | - | 3/16" | 4.8 | 13 | 5000 |
| FCWA-0048-019 | M5 | - | 3/16" | 4.8 | 19 | 5000 |
| FCWA-0048-025 | M5 | - | 3/16" | 4.8 | 25 | 5000 |
| FCWA-0052-013 | - | - | - | 5.2 | 13 | 5000 |
| FCWA-0052-019 | - | - | - | 5.2 | 19 | 5000 |
| FCWA-0052-025 | - | - | - | 5.2 | 25 | 5000 |
| FCWA-0055-013 | - | - | - | 5.5 | 13 | 5000 |
| FCWA-0055-019 | - | - | - | 5.5 | 19 | 5000 |
| FCWA-0055-025 | - | - | - | 5.5 | 25 | 5000 |
| FCWA-0059-013 | M6 | - | 1/4" | 5.9 | 13 | 5000 |
| FCWA-0059-019 | M6 | - | 1/4" | 5.9 | 19 | 5000 |
| FCWA-0059-025 | M6 | - | 1/4" | 5.9 | 25 | 5000 |

SR 1044

## Flexicaps

**Black Flexible PVC (80 Shore)**






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | Qty |
| FCWA-0064-013 | - | - | - | 6.4 | 13 | 5000 |
| FCWA-0064-019 | - | - | - | 6.4 | 19 | 5000 |
| FCWA-0064-025 | - | - | - | 6.4 | 25 | 5000 |
| FCWA-0070-013 | - | - | - | 7 | 13 | 5000 |
| FCWA-0070-019 | - | - | - | 7 | 19 | 5000 |
| FCWA-0070-025 | - | - | - | 7 | 25 | 5000 |
| FCWA-0077-013 | M8 | - | 5⁄16″ | 7.7 | 13 | 5000 |
| FCWA-0077-019 | M8 | - | 5⁄16″ | 7.7 | 19 | 5000 |
| FCWA-0077-025 | M8 | - | 5⁄16″ | 7.7 | 25 | 5000 |
| FCWA-0079-013 | - | - | - | 7.9 | 13 | 5000 |
| FCWA-0079-019 | M8 | - | 5⁄16″ | 7.9 | 19 | 5000 |
| FCWA-0079-025 | M8 | - | 5⁄16″ | 7.9 | 25 | 5000 |
| FCWA-0083-013 | - | - | - | 8.3 | 13 | 5000 |
| FCWA-0083-019 | - | - | - | 8.3 | 19 | 5000 |
| FCWA-0083-025 | - | - | - | 8.3 | 25 | 5000 |
| FCWA-0087-013 | - | - | - | 8.7 | 13 | 5000 |
| FCWA-0087-019 | - | - | - | 8.7 | 19 | 5000 |
| FCWA-0087-025 | - | - | - | 8.7 | 25 | 5000 |
| FCWA-0095-013 | M10 | 1⁄8″ | 3⁄8″ | 9.5 | 13 | 5000 |
| FCWA-0095-019 | M10 | 1⁄8″ | 3⁄8″ | 9.5 | 19 | 5000 |
| FCWA-0095-025 | M10 | 1⁄8″ | 3⁄8″ | 9.5 | 25 | 5000 |
| FCWA-0103-013 | - | - | - | 10.3 | 13 | 5000 |
| FCWA-0103-019 | - | - | - | 10.3 | 19 | 5000 |
| FCWA-0103-025 | - | - | - | 10.3 | 25 | 2500 |
| FCWA-0111-013 | M12 | - | 7⁄16″ | 11.1 | 13 | 5000 |
| FCWA-0111-019 | M12 | - | 7⁄16″ | 11.1 | 19 | 5000 |
| FCWA-0111-025 | M12 | - | 7⁄16″ | 11.1 | 25 | 2500 |
| FCWA-0119-013 | M12 | - | 1⁄2″ | 11.9 | 13 | 5000 |
| FCWA-0119-019 | M12 | - | 1⁄2″ | 11.9 | 19 | 5000 |
| FCWA-0119-025 | M12 | - | 1⁄2″ | 11.9 | 25 | 2500 |
| FCWA-0127-013 | - | 1⁄4″ | 1⁄2″ | 12.7 | 13 | 5000 |
| FCWA-0127-019 | - | 1⁄4″ | 1⁄2″ | 12.7 | 19 | 5000 |
| FCWA-0127-025 | - | 1⁄4″ | 1⁄2″ | 12.7 | 25 | 2500 |
| FCWA-0135-013 | M14 | - | - | 13.5 | 13 | 5000 |
| FCWA-0135-019 | M14 | - | - | 13.5 | 19 | 5000 |
| FCWA-0135-025 | M14 | - | - | 13.5 | 25 | 5000 |
| FCWA-0138-013 | M14 | - | - | 13.8 | 13 | 5000 |
| FCWA-0138-019 | M14 | - | - | 13.8 | 19 | 2500 |
| FCWA-0138-025 | M14 | - | - | 13.8 | 25 | 1000 |
| FCWA-0143-013 | M15 | - | - | 14.3 | 13 | 5000 |
| FCWA-0143-019 | M15 | - | - | 14.3 | 19 | 2500 |
| FCWA-0143-025 | M15 | - | - | 14.3 | 25 | 5000 |
| FCWA-0152-013 | - | - | - | 15.2 | 13 | 5000 |
| FCWA-0152-019 | - | - | - | 15.2 | 19 | 5000 |
| FCWA-0152-025 | - | - | - | 15.2 | 25 | 5000 |
| FCWA-0159-013 | M16 | 3⁄8″ | - | 15.9 | 13 | 5000 |
| FCWA-0159-019 | M16 | 3⁄8″ | - | 15.9 | 19 | 2500 |
| FCWA-0159-025 | M16 | 3⁄8″ | - | 15.9 | 25 | 2500 |
| FCWA-0174-013 | M18 | - | - | 17.4 | 13 | 2500 |
| FCWA-0174-019 | M18 | - | - | 17.4 | 19 | 2000 |
| FCWA-0174-025 | M18 | - | - | 17.4 | 25 | 2500 |
| FCWA-0191-013 | M20 | - | 3⁄4″ | 19.1 | 13 | 2500 |
| FCWA-0191-019 | M20 | - | 3⁄4″ | 19.1 | 19 | 2500 |
| FCWA-0191-025 | M20 | - | 3⁄4″ | 19.1 | 25 | 2500 |
| FCWA-0199-013 | - | - | - | 19.9 | 13 | 2500 |
| FCWA-0199-019 | - | - | - | 19.9 | 19 | 2500 |
| FCWA-0199-025 | - | - | - | 19.9 | 25 | 2500 |
| FCWA-0206-013 | - | 1⁄2″ | - | 20.6 | 13 | 2500 |
| FCWA-0206-025 | - | 1⁄2″ | - | 20.6 | 25 | 1250 |
| FCWA-0206-038 | - | 1⁄2″ | - | 20.6 | 38 | 1000 |
| FCWA-0214-013 | M22 | - | 5⁄16″ | 21.4 | 13 | 2500 |

| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | Qty |
| FCWA-0214-025 | M22 | - | - | 21.4 | 25 | 1250 |
| FCWA-0214-038 | M22 | - | - | 21.4 | 38 | 1200 |
| FCWA-0222-013 | - | 5⁄8″ | 7⁄8″ | 22.2 | 13 | 5000 |
| FCWA-0222-025 | - | 5⁄8″ | 7⁄8″ | 22.2 | 25 | 2500 |
| FCWA-0222-038 | - | 5⁄8″ | 7⁄8″ | 22.2 | 38 | 1250 |
| FCWA-0238-013 | M24 | - | - | 23.8 | 13 | 2500 |
| FCWA-0238-025 | M24 | - | - | 23.8 | 25 | 1250 |
| FCWA-0238-038 | M24 | - | - | 23.8 | 38 | 1000 |
| FCWA-0246-013 | M25 | - | - | 24.6 | 13 | 2500 |
| FCWA-0246-025 | M25 | - | - | 24.6 | 25 | 1000 |
| FCWA-0246-038 | M25 | - | - | 24.6 | 38 | 1000 |
| FCWA-0254-013 | - | - | 1″ | 25.4 | 13 | 2500 |
| FCWA-0254-025 | - | - | 1″ | 25.4 | 25 | 1000 |
| FCWA-0254-038 | - | - | 1″ | 25.4 | 38 | 1250 |
| FCWA-0263-013 | M27 | 3⁄4″ | - | 26.3 | 13 | 2500 |
| FCWA-0263-025 | M27 | 3⁄4″ | - | 26.3 | 25 | 1250 |
| FCWA-0263-038 | M27 | 3⁄4″ | - | 26.3 | 38 | 1000 |
| FCWA-0269-013 | M27 | - | - | 26.9 | 13 | 3000 |
| FCWA-0269-025 | M27 | - | - | 26.9 | 25 | 1500 |
| FCWA-0269-038 | M27 | - | - | 26.9 | 38 | 1250 |
| FCWA-0286-025 | M30 | 7⁄8″ | 1 1⁄8″ | 28.6 | 25 | 1000 |
| FCWA-0286-038 | M30 | 7⁄8″ | 1 1⁄8″ | 28.6 | 38 | 500 |
| FCWA-0286-050 | M30 | 7⁄8″ | 1 1⁄8″ | 28.6 | 50 | 500 |
| FCWA-0302-025 | - | 7⁄8″ | - | 30.2 | 25 | 1000 |
| FCWA-0302-038 | - | 7⁄8″ | - | 30.2 | 38 | 1000 |
| FCWA-0302-050 | - | 7⁄8″ | - | 30.2 | 50 | 750 |
| FCWA-0318-025 | - | 1″ | 1 1⁄4″ | 31.8 | 25 | 1000 |
| FCWA-0318-038 | - | 1″ | 1 1⁄4″ | 31.8 | 38 | 700 |
| FCWA-0318-050 | - | 1″ | 1 1⁄4″ | 31.8 | 50 | 750 |
| FCWA-0349-025 | M35 | - | 1 3⁄8″ | 34.9 | 25 | 1000 |
| FCWA-0349-038 | M35 | - | 1 3⁄8″ | 34.9 | 38 | 650 |
| FCWA-0349-050 | M35 | - | 1 3⁄8″ | 34.9 | 50 | 500 |
| FCWA-0381-025 | M39 | - | 1 1⁄2″ | 38.1 | 25 | 1000 |
| FCWA-0381-038 | M39 | - | 1 1⁄2″ | 38.1 | 38 | 600 |
| FCWA-0381-050 | M39 | - | 1 1⁄2″ | 38.1 | 50 | 500 |
| FCWA-0413-025 | M42 | 1 1⁄4″ | - | 41.3 | 25 | 900 |
| FCWA-0413-038 | M42 | 1 1⁄4″ | - | 41.3 | 38 | 500 |
| FCWA-0413-050 | M42 | 1 1⁄4″ | - | 41.3 | 50 | 400 |
| FCWA-0445-025 | M45 | 1 3⁄8″ | - | 44.5 | 25 | 500 |
| FCWA-0445-038 | M45 | 1 3⁄8″ | - | 44.5 | 38 | 500 |
| FCWA-0445-050 | M45 | 1 3⁄8″ | - | 44.5 | 50 | 400 |
| FCWA-0476-025 | M48 | 1 1⁄2″ | - | 47.6 | 25 | 625 |
| FCWA-0476-038 | M48 | 1 1⁄2″ | - | 47.6 | 38 | 400 |
| FCWA-0476-050 | - | 1 1⁄2″ | - | 47.6 | 50 | 350 |
| FCWA-0508-025 | - | - | 2″ | 50.8 | 25 | 550 |
| FCWA-0508-038 | - | - | 2″ | 50.8 | 38 | 400 |
| FCWA-0508-050 | - | - | 2″ | 50.8 | 50 | 200 |
| FCWA-0539-038 | - | 1 3⁄4″ | - | 53.9 | 38 | 400 |
| FCWA-0539-050 | - | 1 3⁄4″ | - | 53.9 | 50 | 200 |
| FCWA-0572-038 | M58 | 2 1⁄4″ | - | 57.2 | 38 | 250 |
| FCWA-0572-050 | M58 | 2 1⁄4″ | - | 57.2 | 50 | 200 |
| FCWA-0603-038 | - | 2 3⁄8″ | - | 60.3 | 38 | 250 |
| FCWA-0603-050 | - | 2 3⁄8″ | - | 60.3 | 50 | 250 |
| FCWA-0635-038 | - | 2 1⁄2″ | - | 63.5 | 38 | 250 |
| FCWA-0635-050 | - | 2 1⁄2″ | - | 63.5 | 50 | 125 |
| FCWA-0660-038 | - | - | - | 66.7 | 38 | 150 |
| FCWA-0698-038 | - | - | - | 69.8 | 38 | 250 |
| FCWA-0698-050 | - | - | - | 69.8 | 50 | 200 |
| FCWA-0762-038 | - | 3″ | - | 76.2 | 38 | 200 |
| FCWA-0762-050 | - | 3″ | - | 76.2 | 50 | 150 |

SR 1056

# Finned Stud Caps

**Natural LDPE**



Type 1 With Knurled Head



Type 2 Without Knurled Head

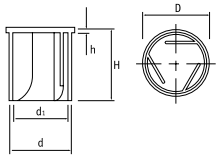
Type 1:With Knurled Head

| Part Number | Stud Size Range (mm) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | d | d1 | h | H | |
| 1461647 | 6.5-8.0 | 14.0 | 12.0 | 10.0 | 1.5 | 22.0 | 500 |
| 1461648 | 8.0-9.0 | 15.0 | 13.0 | 11.0 | 1.5 | 22.0 | 500 |
| 1461649 | 9.0-10.5 | 16.5 | 14.5 | 12.5 | 1.5 | 22.0 | 250 |
| 1461650 | 11.0-13.0 | 20.0 | 18.0 | 16.0 | 1.5 | 22.0 | 250 |
| 1461651 | 14.0-16.0 | 22.0 | 20.0 | 18.0 | 1.5 | 22.0 | 250 |
| 1461652 | 17.0-19.0 | 26.0 | 24.0 | 22.0 | 1.5 | 22.0 | 100 |
| 1461653 | 20.0-22.0 | 29.0 | 27.0 | 25.0 | 1.5 | 22.0 | 100 |
| 1461654 | 24.0-26.0 | 33.0 | 31.0 | 29.0 | 1.5 | 30.0 | 100 |
| 1474017 | 28.0-30.0 | 37.0 | 35.0 | 33.0 | 1.5 | 34.0 | 100 |

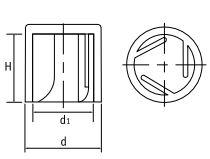
Type 2:Without Knurled Head

| Part Number | Stud Size Range (mm) | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | d | d1 | H | |
| 10220* | 6.5-8.0 | 12.0 | 10.0 | 31.5 | 5000 |
| 10221 | 8.0-9.0 | 13.0 | 11.0 | 20.5 | 5000 |
| 10223 | 9.0-10.5 | 140 | 12.0 | 20.5 | 5000 |

* This size has bevelled corners.




Type 1



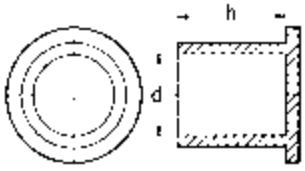

Type 2

SR 1024/25/1124

# Stud Protection Caps

**Natural or Red LDPE**

- Used throughout the automotive and engineering industries for protecting exposed studs






SR 1024 Natural LDPE
Metric with Flange Head

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | d | h | |
| 12754 | 5.0 | 13.0 | 10000 |
| 12756 | 6.0 | 10.0 | 10000 |
| 12757 | 8.0 | 10.0 | 10000 |
| 12758 | 8.0 | 16.0 | 10000 |
| 12760 | 12.0 | 16.0 | 8000 |
| 10719 | 12.8 | 20.2 | 8000 |
| 12763 | 14.0 | 20.0 | 5000 |
| 12765 | 16.0 | 15.0 | 5000 |
| 12766 | 16.0 | 20.0 | 3000 |
| 12769 | 20.0 | 15.0 | 3000 |
| 12770 | 20.0 | 20.0 | 2000 |
| 12771 | 22.0 | 18.0 | 2000 |
| 12772 | 24.0 | 18.0 | 2000 |

SR 1025 Red LDPE

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d(ins) | d(mm) | h(mm) | |
| 11098* | - | 4.4 | 12.7 | 5000 |
| 51534* | 1/4 | 6.4 | 41.3 | 7000 |
| 50454 | 5/16 | 7.9 | 19.1 | 10000 |
| 60273 | - | 7.5 | 38.1 | 5000 |
| 10660 | - | 9.1 | 27.2 | 7000 |
| 11906 | 7/16 | 11.1 | 23.8 | 6000 |
| 51051 | - | 11.9 | 22.2 | 5000 |
| 10618 | - | 11.9 | 28.6 | 4000 |
| 11160 | - | 12.7 | 27.3 | 4000 |
| 10243 | 1/2 | 12.7 | 46.0 | 2500 |
| 11162 | - | 14.0 | 21.0 | 5000 |
| 10723 | 9/16 | 14.3 | 33.6 | 1500 |
| 10720 | 5/8 | 15.9 | 23.8 | 3000 |
| 60864 | 5/8 | 15.9 | 71.8 | 1000 |
| 10691 | 3/4 | 19.0 | 33.6 | 2000 |
| 10191 | 13/16 | 20.6 | 36.5 | 1200 |
| 10426 | 7/8 | 22.2 | 77.8 | 500 |
| 10959 | - | 23.5 | 55.5 | 600 |
| 11270 | 1 | 25.4 | 56.5 | 500 |
| 11292 | 1 1/8 | 28.6 | 62.8 | 400 |
| 11319 | 1 1/4 | 32.0 | 58.5 | 1000 |
| 60807 | 1 1/2 | 38.1 | 44.5 | 400 |

• Black PVC # Without Knurled Head

PT Series

# Plastic Tips

**Black, Red, Yellow**

- Extremely flexible and durable
- Can be stretched up to 15% larger than manufactured diameter.
- High quality glossy finish makes them ideal to use on finished products, thread protectors, dust and moisture seals, pipe and stud end colour coding and for masking during painting and plating operations.
- The specially formulated PVC is unaffected by weather, oxidation, oils and moisture.
- Can withstand temperature up to +135°C.
- Can be glued to other PVC items.
- Other colour is available. Please call us to check MOQ.
- Custom coloured parts can be manufactured to order, please contact us for a quote and quantities




| Part Number | A (mm) | B (mm) | Colour | Std Pack Qty |
|---|---|---|---|---|
| PT004-10B | 4mm | 10mm | Black | 1000 |
| PT004-10R | 4mm | 10mm | Red | 1000 |
| PT004-10Y | 4mm | 10mm | Yellow | 1000 |
| PT004-12B | 4mm | 12mm | Black | 1000 |
| PT004-12R | 4mm | 12mm | Red | 1000 |
| PT004-12Y | 4mm | 12mm | Yellow | 1000 |
| PT004-15B | 4mm | 15mm | Black | 1000 |
| PT004-15R | 4mm | 15mm | Red | 1000 |
| PT004-15Y | 4mm | 15mm | Yellow | 1000 |
| PT004-08B | 4mm | 8mm | Black | 1000 |
| PT004-08R | 4mm | 8mm | Red | 1000 |
| PT004-08Y | 4mm | 8mm | Yellow | 1000 |
| PT005-10B | 5mm | 10mm | Black | 1000 |
| PT005-10R | 5mm | 10mm | Red | 1000 |
| PT005-10Y | 5mm | 10mm | Yellow | 1000 |
| PT005-12B | 5mm | 12mm | Black | 1000 |
| PT005-12R | 5mm | 12mm | Red | 1000 |
| PT005-12Y | 5mm | 12mm | Yellow | 1000 |
| PT005-15B | 5mm | 15mm | Black | 1000 |
| PT005-15R | 5mm | 15mm | Red | 1000 |
| PT005-15Y | 5mm | 15mm | Yellow | 1000 |
| PT005-08B | 5mm | 8mm | Black | 1000 |
| PT005-08R | 5mm | 8mm | Red | 1000 |
| PT005-08Y | 5mm | 8mm | Yellow | 1000 |
| PT063-12B | 63mm | 12mm | Black | 1000 |
| PT065-25B | 65mm | 25mm | Black | 1000 |
| PT065-25Y | 65mm | 25mm | Yellow | 1000 |
| PT006-10B | 6mm | 10mm | Black | 1000 |
| PT006-10R | 6mm | 10mm | Red | 1000 |
| PT006-10Y | 6mm | 10mm | Yellow | 1000 |
| PT006-12B | 6mm | 12mm | Black | 1000 |
| PT006-12R | 6mm | 12mm | Red | 1000 |
| PT006-12Y | 6mm | 12mm | Yellow | 1000 |
| PT006-15B | 6mm | 15mm | Black | 1000 |
| PT006-15R | 6mm | 15mm | Red | 1000 |
| PT006-15Y | 6mm | 15mm | Yellow | 1000 |
| PT006-20B | 6mm | 20mm | Black | 1000 |
| PT006-20R | 6mm | 20mm | Red | 1000 |
| PT006-20Y | 6mm | 20mm | Yellow | 1000 |
| PT006-22B | 6mm | 22mm | Black | 1000 |
| PT006-22R | 6mm | 22mm | Red | 1000 |
| PT006-30B | 6mm | 30mm | Black | 1000 |
| PT006-30R | 6mm | 30mm | Red | 1000 |
| PT006-30Y | 6mm | 30mm | Yellow | 1000 |
| PT006-38B | 6mm | 38mm | Black | 1000 |
| PT006-38R | 6mm | 38mm | Red | 1000 |
| PT006-08B | 6mm | 8mm | Black | 1000 |
| PT006-08R | 6mm | 8mm | Red | 1000 |
| PT006-08Y | 6mm | 8mm | Yellow | 1000 |

| Part Number | A (mm) | B (mm) | Colour | Std Pack Qty |
|---|---|---|---|---|
| PT007-10B | 7mm | 10mm | Black | 1000 |
| PT007-10R | 7mm | 10mm | Red | 1000 |
| PT007-10Y | 7mm | 10mm | Yellow | 1000 |
| PT007-12B | 7mm | 12mm | Black | 1000 |
| PT007-12R | 7mm | 12mm | Red | 1000 |
| PT007-12Y | 7mm | 12mm | Yellow | 1000 |
| PT007-15B | 7mm | 15mm | Black | 1000 |
| PT007-15R | 7mm | 15mm | Red | 1000 |
| PT007-15Y | 7mm | 15mm | Yellow | 1000 |
| PT007-20B | 7mm | 20mm | Black | 1000 |
| PT007-20R | 7mm | 20mm | Red | 1000 |
| PT007-20Y | 7mm | 20mm | Yellow | 1000 |
| PT007-22B | 7mm | 22mm | Black | 1000 |
| PT007-22R | 7mm | 22mm | Red | 1000 |
| PT007-22Y | 7mm | 22mm | Yellow | 1000 |
| PT007-25B | 7mm | 25mm | Black | 1000 |
| PT007-25R | 7mm | 25mm | Red | 1000 |
| PT007-25Y | 7mm | 25mm | Yellow | 1000 |
| PT007-30B | 7mm | 30mm | Black | 1000 |
| PT007-30R | 7mm | 30mm | Red | 1000 |
| PT007-30Y | 7mm | 30mm | Yellow | 1000 |
| PT007-38B | 7mm | 38mm | Black | 1000 |
| PT007-38R | 7mm | 38mm | Red | 1000 |
| PT007-38Y | 7mm | 38mm | Yellow | 1000 |
| PT007-08B | 7mm | 8mm | Black | 1000 |
| PT007-08R | 7mm | 8mm | Red | 1000 |
| PT007-08Y | 7mm | 8mm | Yellow | 1000 |
| PT008-10B | 8mm | 10mm | Black | 1000 |
| PT008-10R | 8mm | 10mm | Red | 1000 |
| PT008-10Y | 8mm | 10mm | Yellow | 1000 |
| PT008-12B | 8mm | 12mm | Black | 1000 |
| PT008-12R | 8mm | 12mm | Red | 1000 |
| PT008-12Y | 8mm | 12mm | Yellow | 1000 |
| PT008-15B | 8mm | 15mm | Black | 1000 |
| PT008-15R | 8mm | 15mm | Red | 1000 |
| PT008-15Y | 8mm | 15mm | Yellow | 1000 |
| PT008-20B | 8mm | 20mm | Black | 1000 |
| PT008-20R | 8mm | 20mm | Red | 1000 |
| PT008-20Y | 8mm | 20mm | Yellow | 1000 |
| PT008-22B | 8mm | 22mm | Black | 1000 |
| PT008-22R | 8mm | 22mm | Red | 1000 |
| PT008-22Y | 8mm | 22mm | Yellow | 1000 |
| PT008-25B | 8mm | 25mm | Black | 1000 |
| PT008-25R | 8mm | 25mm | Red | 1000 |
| PT008-25Y | 8mm | 25mm | Yellow | 1000 |
| PT008-30B | 8mm | 30mm | Black | 1000 |
| PT008-30R | 8mm | 30mm | Red | 1000 |
| PT008-30Y | 8mm | 30mm | Yellow | 1000 |
| PT008-38B | 8mm | 38mm | Black | 1000 |
| PT008-38R | 8mm | 38mm | Red | 1000 |

CONTINUED ON NEXT PAGE

## PT Series

| Part Number | A (mm) | B (mm) | Colour | Std Pack Qty |
|---|---|---|---|---|
| PT008-38Y | 8mm | 38mm | Yellow | 1000 |
| PT008-08B | 8mm | 8mm | Black | 1000 |
| PT008-08R | 8mm | 8mm | Red | 1000 |
| PT008-08Y | 8mm | 8mm | Yellow | 1000 |
| PT009-10B | 9mm | 10mm | Black | 1000 |
| PT009-10R | 9mm | 10mm | Red | 1000 |
| PT009-10Y | 9mm | 10mm | Yellow | 1000 |
| PT009-12B | 9mm | 12mm | Black | 1000 |
| PT009-12R | 9mm | 12mm | Red | 1000 |
| PT009-12Y | 9mm | 12mm | Yellow | 1000 |
| PT009-15B | 9mm | 15mm | Black | 1000 |
| PT009-15R | 9mm | 15mm | Red | 1000 |
| PT009-15Y | 9mm | 15mm | Yellow | 1000 |
| PT009-20B | 9mm | 20mm | Black | 1000 |
| PT009-20R | 9mm | 20mm | Red | 1000 |
| PT009-20Y | 9mm | 20mm | Yellow | 1000 |
| PT009-22B | 9mm | 22mm | Black | 1000 |
| PT009-22R | 9mm | 22mm | Red | 1000 |
| PT009-22Y | 9mm | 22mm | Yellow | 1000 |
| PT009-25B | 9mm | 25mm | Black | 1000 |
| PT009-25R | 9mm | 25mm | Red | 1000 |
| PT009-25Y | 9mm | 25mm | Yellow | 1000 |
| PT009-30B | 9mm | 30mm | Black | 1000 |
| PT009-30R | 9mm | 30mm | Red | 1000 |
| PT009-30Y | 9mm | 30mm | Yellow | 1000 |
| PT009-38B | 9mm | 38mm | Black | 1000 |
| PT009-38R | 9mm | 38mm | Red | 1000 |
| PT009-38Y | 9mm | 38mm | Yellow | 1000 |
| PT009-08R | 9mm | 8mm | Red | 1000 |
| PT009-08Y | 9mm | 8mm | Yellow | 1000 |
| PT010-10B | 10mm | 10mm | Black | 1000 |
| PT010-10R | 10mm | 10mm | Red | 1000 |
| PT010-10Y | 10mm | 10mm | Yellow | 1000 |
| PT010-12B | 10mm | 12mm | Black | 1000 |
| PT010-12R | 10mm | 12mm | Red | 1000 |
| PT010-12Y | 10mm | 12mm | Yellow | 1000 |
| PT010-15B | 10mm | 15mm | Black | 1000 |
| PT010-15R | 10mm | 15mm | Red | 1000 |
| PT010-15Y | 10mm | 15mm | Yellow | 1000 |
| PT010-20B | 10mm | 20mm | Black | 1000 |
| PT010-20R | 10mm | 20mm | Red | 1000 |
| PT010-20Y | 10mm | 20mm | Yellow | 1000 |
| PT010-22B | 10mm | 22mm | Black | 1000 |
| PT010-22R | 10mm | 22mm | Red | 1000 |
| PT010-22Y | 10mm | 22mm | Yellow | 1000 |
| PT010-25B | 10mm | 25mm | Black | 1000 |
| PT010-25R | 10mm | 25mm | Red | 1000 |
| PT010-25Y | 10mm | 25mm | Yellow | 1000 |
| PT010-30B | 10mm | 30mm | Black | 1000 |
| PT010-30R | 10mm | 30mm | Red | 1000 |
| PT010-30Y | 10mm | 30mm | Yellow | 1000 |
| PT010-38B | 10mm | 38mm | Black | 1000 |
| PT010-38R | 10mm | 38mm | Red | 1000 |
| PT010-38Y | 10mm | 38mm | Yellow | 1000 |
| PT010-08B | 10mm | 8mm | Black | 1000 |
| PT010-08R | 10mm | 8mm | Red | 1000 |
| PT010-08Y | 10mm | 8mm | Yellow | 1000 |
| PT011-10B | 11mm | 10mm | Black | 1000 |
| PT011-10R | 11mm | 10mm | Red | 1000 |
| PT011-10Y | 11mm | 10mm | Yellow | 1000 |
| PT011-12B | 11mm | 12mm | Black | 1000 |
| PT011-12R | 11mm | 12mm | Red | 1000 |
| PT011-12Y | 11mm | 12mm | Yellow | 1000 |
| PT011-15B | 11mm | 15mm | Black | 1000 |
| PT011-15R | 11mm | 15mm | Red | 1000 |
| PT011-15Y | 11mm | 15mm | Yellow | 1000 |
| PT011-20B | 11mm | 20mm | Black | 1000 |
| PT011-20R | 11mm | 20mm | Red | 1000 |
| PT011-20Y | 11mm | 20mm | Yellow | 1000 |
| PT011-22B | 11mm | 22mm | Black | 1000 |
| PT011-22R | 11mm | 22mm | Red | 1000 |
| PT011-22Y | 11mm | 22mm | Yellow | 1000 |
| PT011-25B | 11mm | 25mm | Black | 1000 |

| Part Number | A (mm) | B (mm) | Colour | Std Pack Qty |
|---|---|---|---|---|
| PT011-25R | 11mm | 25mm | Red | 1000 |
| PT011-25Y | 11mm | 25mm | Yellow | 1000 |
| PT011-30B | 11mm | 30mm | Black | 1000 |
| PT011-30R | 11mm | 30mm | Red | 1000 |
| PT011-30Y | 11mm | 30mm | Yellow | 1000 |
| PT011-38B | 11mm | 38mm | Black | 1000 |
| PT011-38R | 11mm | 38mm | Red | 1000 |
| PT011-38Y | 11mm | 38mm | Yellow | 1000 |
| PT011-55B | 11mm | 55mm | Black | 1000 |
| PT011-08B | 11mm | 8mm | Black | 1000 |
| PT011-08R | 11mm | 8mm | Red | 1000 |
| PT011-08Y | 11mm | 8mm | Yellow | 1000 |
| PT012-10B | 12mm | 10mm | Black | 1000 |
| PT012-10R | 12mm | 10mm | Red | 1000 |
| PT012-10Y | 12mm | 10mm | Yellow | 1000 |
| PT012-12B | 12mm | 12mm | Black | 1000 |
| PT012-12R | 12mm | 12mm | Red | 1000 |
| PT012-12Y | 12mm | 12mm | Yellow | 1000 |
| PT012-15B | 12mm | 15mm | Black | 1000 |
| PT012-15R | 12mm | 15mm | Red | 1000 |
| PT012-15Y | 12mm | 15mm | Yellow | 1000 |
| PT012-20B | 12mm | 20mm | Black | 1000 |
| PT012-20R | 12mm | 20mm | Red | 1000 |
| PT012-20Y | 12mm | 20mm | Yellow | 1000 |
| PT012-22B | 12mm | 22mm | Black | 1000 |
| PT012-22R | 12mm | 22mm | Red | 1000 |
| PT012-22Y | 12mm | 22mm | Yellow | 1000 |
| PT012-25B | 12mm | 25mm | Black | 1000 |
| PT012-25R | 12mm | 25mm | Red | 1000 |
| PT012-25Y | 12mm | 25mm | Yellow | 1000 |
| PT012-30B | 12mm | 30mm | Black | 1000 |
| PT012-30R | 12mm | 30mm | Red | 1000 |
| PT012-30Y | 12mm | 30mm | Yellow | 1000 |
| PT012-38B | 12mm | 38mm | Black | 1000 |
| PT012-38R | 12mm | 38mm | Red | 1000 |
| PT012-38Y | 12mm | 38mm | Yellow | 1000 |
| PT012-08B | 12mm | 8mm | Black | 1000 |
| PT012-08R | 12mm | 8mm | Red | 1000 |
| PT012-08Y | 12mm | 8mm | Yellow | 1000 |
| PT014-10B | 14mm | 10mm | Black | 1000 |
| PT014-10R | 14mm | 10mm | Red | 1000 |
| PT014-10Y | 14mm | 10mm | Yellow | 1000 |
| PT014-12B | 14mm | 12mm | Black | 1000 |
| PT014-12R | 14mm | 12mm | Red | 1000 |
| PT014-12Y | 14mm | 12mm | Yellow | 1000 |
| PT014-15B | 14mm | 15mm | Black | 1000 |
| PT014-15R | 14mm | 15mm | Red | 1000 |
| PT014-15Y | 14mm | 15mm | Yellow | 1000 |
| PT014-20B | 14mm | 20mm | Black | 1000 |
| PT014-20R | 14mm | 20mm | Red | 1000 |
| PT014-20Y | 14mm | 20mm | Yellow | 1000 |
| PT014-22B | 14mm | 22mm | Black | 1000 |
| PT014-22R | 14mm | 22mm | Red | 1000 |
| PT014-22Y | 14mm | 22mm | Yellow | 1000 |
| PT014-25B | 14mm | 25mm | Black | 1000 |
| PT014-25R | 14mm | 25mm | Red | 1000 |
| PT014-25Y | 14mm | 25mm | Yellow | 1000 |
| PT014-30B | 14mm | 30mm | Black | 1000 |
| PT014-30R | 14mm | 30mm | Red | 1000 |
| PT014-30Y | 14mm | 30mm | Yellow | 1000 |
| PT014-38B | 14mm | 38mm | Black | 1000 |
| PT014-38R | 14mm | 38mm | Red | 1000 |
| PT014-38Y | 14mm | 38mm | Yellow | 1000 |
| PT014-08B | 14mm | 8mm | Black | 1000 |
| PT014-08R | 14mm | 8mm | Red | 1000 |
| PT014-08Y | 14mm | 8mm | Yellow | 1000 |
| PT015-10B | 15mm | 10mm | Black | 1000 |
| PT015-10R | 15mm | 10mm | Red | 1000 |
| PT015-10Y | 15mm | 10mm | Yellow | 1000 |
| PT015-12B | 15mm | 12mm | Black | 1000 |
| PT015-12R | 15mm | 12mm | Red | 1000 |
| PT015-12Y | 15mm | 12mm | Yellow | 1000 |
| PT015-15B | 15mm | 15mm | Black | 1000 |

CONTINUED ON NEXT PAGE

# Push Fit Caps

**PT Series**

| Part Number | A (mm) | B (mm) | Colour | Std Pack Qty |
|---|---|---|---|---|
| PT015-15R | 15mm | 15mm | Red | 1000 |
| PT015-15Y | 15mm | 15mm | Yellow | 1000 |
| PT015-20B | 15mm | 20mm | Black | 1000 |
| PT015-20R | 15mm | 20mm | Red | 1000 |
| PT015-20Y | 15mm | 20mm | Yellow | 1000 |
| PT015-22B | 15mm | 22mm | Black | 1000 |
| PT015-22R | 15mm | 22mm | Red | 1000 |
| PT015-22Y | 15mm | 22mm | Yellow | 1000 |
| PT015-25B | 15mm | 25mm | Black | 1000 |
| PT015-25R | 15mm | 25mm | Red | 1000 |
| PT015-25Y | 15mm | 25mm | Yellow | 1000 |
| PT015-30B | 15mm | 30mm | Black | 1000 |
| PT015-30R | 15mm | 30mm | Red | 1000 |
| PT015-30Y | 15mm | 30mm | Yellow | 1000 |
| PT015-38B | 15mm | 38mm | Black | 1000 |
| PT015-38R | 15mm | 38mm | Red | 1000 |
| PT015-38Y | 15mm | 38mm | Yellow | 1000 |
| PT015-08B | 15mm | 8mm | Black | 1000 |
| PT015-08R | 15mm | 8mm | Red | 1000 |
| PT015-08Y | 15mm | 8mm | Yellow | 1000 |
| PT016-10B | 16mm | 10mm | Black | 1000 |
| PT016-10R | 16mm | 10mm | Red | 1000 |
| PT016-10Y | 16mm | 10mm | Yellow | 1000 |
| PT016-12B | 16mm | 12mm | Black | 1000 |
| PT016-12R | 16mm | 12mm | Red | 1000 |
| PT016-12Y | 16mm | 12mm | Yellow | 1000 |
| PT016-15B | 16mm | 15mm | Black | 1000 |
| PT016-15R | 16mm | 15mm | Red | 1000 |
| PT016-15Y | 16mm | 15mm | Yellow | 1000 |
| PT016-20B | 16mm | 20mm | Black | 1000 |
| PT016-20R | 16mm | 20mm | Red | 1000 |
| PT016-20Y | 16mm | 20mm | Yellow | 1000 |
| PT016-22B | 16mm | 22mm | Black | 1000 |
| PT016-22R | 16mm | 22mm | Red | 1000 |
| PT016-22Y | 16mm | 22mm | Yellow | 1000 |
| PT016-25B | 16mm | 25mm | Black | 1000 |
| PT016-25R | 16mm | 25mm | Red | 1000 |
| PT016-25Y | 16mm | 25mm | Yellow | 1000 |
| PT016-28R | 16mm | 28mm | Red | 1000 |
| PT016-30B | 16mm | 30mm | Black | 1000 |
| PT016-30R | 16mm | 30mm | Red | 1000 |
| PT016-30Y | 16mm | 30mm | Yellow | 1000 |
| PT016-38B | 16mm | 38mm | Black | 1000 |
| PT016-38R | 16mm | 38mm | Red | 1000 |
| PT016-38Y | 16mm | 38mm | Yellow | 1000 |
| PT016-08B | 16mm | 8mm | Black | 1000 |
| PT016-08R | 16mm | 8mm | Red | 1000 |
| PT016-08Y | 16mm | 8mm | Yellow | 1000 |
| PT018-10B | 18mm | 10mm | Black | 1000 |
| PT018-10R | 18mm | 10mm | Red | 1000 |
| PT018-10Y | 18mm | 10mm | Yellow | 1000 |
| PT018-12B | 18mm | 12mm | Black | 1000 |
| PT018-12R | 18mm | 12mm | Red | 1000 |
| PT018-12Y | 18mm | 12mm | Yellow | 1000 |
| PT018-15B | 18mm | 15mm | Black | 1000 |
| PT018-15R | 18mm | 15mm | Red | 1000 |
| PT018-15Y | 18mm | 15mm | Yellow | 1000 |
| PT018-20B | 18mm | 20mm | Black | 1000 |
| PT018-20R | 18mm | 20mm | Red | 1000 |
| PT018-20Y | 18mm | 20mm | Yellow | 1000 |
| PT018-22B | 18mm | 22mm | Black | 1000 |
| PT018-22R | 18mm | 22mm | Red | 1000 |
| PT018-22Y | 18mm | 22mm | Yellow | 1000 |
| PT018-25B | 18mm | 25mm | Black | 1000 |
| PT018-25R | 18mm | 25mm | Red | 1000 |
| PT018-25Y | 18mm | 25mm | Yellow | 1000 |
| PT018-30B | 18mm | 30mm | Black | 1000 |
| PT018-30R | 18mm | 30mm | Red | 1000 |
| PT018-30Y | 18mm | 30mm | Yellow | 1000 |
| PT018-38B | 18mm | 38mm | Black | 1000 |
| PT018-38R | 18mm | 38mm | Red | 1000 |
| PT018-38Y | 18mm | 38mm | Yellow | 1000 |
| PT018-08B | 18mm | 8mm | Black | 1000 |
| PT018-08R | 18mm | 8mm | Red | 1000 |
| PT018-08Y | 18mm | 8mm | Yellow | 1000 |
| PT019-10B | 19mm | 10mm | Black | 1000 |
| PT019-10R | 19mm | 10mm | Red | 1000 |
| PT019-10Y | 19mm | 10mm | Yellow | 1000 |
| PT019-12B | 19mm | 12mm | Black | 1000 |
| PT019-12R | 19mm | 12mm | Red | 1000 |
| PT019-12Y | 19mm | 12mm | Yellow | 1000 |
| PT019-15B | 19mm | 15mm | Black | 1000 |
| PT019-15R | 19mm | 15mm | Red | 1000 |
| PT019-15Y | 19mm | 15mm | Yellow | 1000 |
| PT019-20B | 19mm | 20mm | Black | 1000 |
| PT019-20R | 19mm | 20mm | Red | 1000 |
| PT019-20Y | 19mm | 20mm | Yellow | 1000 |
| PT019-22B | 19mm | 22mm | Black | 1000 |
| PT019-22R | 19mm | 22mm | Red | 1000 |
| PT019-22Y | 19mm | 22mm | Yellow | 1000 |
| PT019-25B | 19mm | 25mm | Black | 1000 |
| PT019-25R | 19mm | 25mm | Red | 1000 |
| PT019-25Y | 19mm | 25mm | Yellow | 1000 |
| PT019-30B | 19mm | 30mm | Black | 1000 |
| PT019-30R | 19mm | 30mm | Red | 1000 |
| PT019-30Y | 19mm | 30mm | Yellow | 1000 |
| PT019-38B | 19mm | 38mm | Black | 1000 |
| PT019-38R | 19mm | 38mm | Red | 1000 |
| PT019-38Y | 19mm | 38mm | Yellow | 1000 |
| PT019-08B | 19mm | 8mm | Black | 1000 |
| PT019-08R | 19mm | 8mm | Red | 1000 |
| PT019-08Y | 19mm | 8mm | Yellow | 1000 |
| PT020-10B | 20mm | 10mm | Black | 1000 |
| PT020-10R | 20mm | 10mm | Red | 1000 |
| PT020-10Y | 20mm | 10mm | Yellow | 1000 |
| PT020-12B | 20mm | 12mm | Black | 1000 |
| PT020-12R | 20mm | 12mm | Red | 1000 |
| PT020-12Y | 20mm | 12mm | Yellow | 1000 |
| PT020-15B | 20mm | 15mm | Black | 1000 |
| PT020-15R | 20mm | 15mm | Red | 1000 |
| PT020-15Y | 20mm | 15mm | Yellow | 1000 |
| PT020-20B | 20mm | 20mm | Black | 1000 |
| PT020-20R | 20mm | 20mm | Red | 1000 |
| PT020-20Y | 20mm | 20mm | Yellow | 1000 |
| PT020-22B | 20mm | 22mm | Black | 1000 |
| PT020-22R | 20mm | 22mm | Red | 1000 |
| PT020-22Y | 20mm | 22mm | Yellow | 1000 |
| PT020-25B | 20mm | 25mm | Black | 1000 |
| PT020-25R | 20mm | 25mm | Red | 1000 |
| PT020-25Y | 20mm | 25mm | Yellow | 1000 |
| PT020-28R | 20mm | 28mm | Red | 1000 |
| PT020-30B | 20mm | 30mm | Black | 1000 |
| PT020-30R | 20mm | 30mm | Red | 1000 |
| PT020-30Y | 20mm | 30mm | Yellow | 1000 |
| PT020-38B | 20mm | 38mm | Black | 1000 |
| PT020-38R | 20mm | 38mm | Red | 1000 |
| PT020-38Y | 20mm | 38mm | Yellow | 1000 |
| PT020-08B | 20mm | 8mm | Black | 1000 |
| PT020-08R | 20mm | 8mm | Red | 1000 |
| PT020-08Y | 20mm | 8mm | Yellow | 1000 |
| PT022-10B | 22mm | 10mm | Black | 1000 |
| PT022-10R | 22mm | 10mm | Red | 1000 |
| PT022-10Y | 22mm | 10mm | Yellow | 1000 |
| PT022-12B | 22mm | 12mm | Black | 1000 |
| PT022-12R | 22mm | 12mm | Red | 1000 |
| PT022-12Y | 22mm | 12mm | Yellow | 1000 |
| PT022-15B | 22mm | 15mm | Black | 1000 |
| PT022-15R | 22mm | 15mm | Red | 1000 |
| PT022-15Y | 22mm | 15mm | Yellow | 1000 |
| PT022-20B | 22mm | 20mm | Black | 1000 |
| PT022-20R | 22mm | 20mm | Red | 1000 |
| PT022-20Y | 22mm | 20mm | Yellow | 1000 |
| PT022-22B | 22mm | 22mm | Black | 1000 |
| PT022-22R | 22mm | 22mm | Red | 1000 |
| PT022-22Y | 22mm | 22mm | Yellow | 1000 |
| PT022-25B | 22mm | 25mm | Black | 1000 |

CONTINUED ON NEXT PAGE

## PT Series

| Part Number | A (mm) | B (mm) | Colour | Std Pack Qty |
|---|---|---|---|---|
| PT022-25R | 22mm | 25mm | Red | 1000 |
| PT022-25Y | 22mm | 25mm | Yellow | 1000 |
| PT022-30B | 22mm | 30mm | Black | 1000 |
| PT022-30R | 22mm | 30mm | Red | 1000 |
| PT022-30Y | 22mm | 30mm | Yellow | 1000 |
| PT022-38B | 22mm | 38mm | Black | 1000 |
| PT022-38R | 22mm | 38mm | Red | 1000 |
| PT022-38Y | 22mm | 38mm | Yellow | 1000 |
| PT022-08B | 22mm | 8mm | Black | 1000 |
| PT022-08R | 22mm | 8mm | Red | 1000 |
| PT022-08Y | 22mm | 8mm | Yellow | 1000 |
| PT024-10B | 24mm | 10mm | Black | 1000 |
| PT024-10R | 24mm | 10mm | Red | 1000 |
| PT024-10Y | 24mm | 10mm | Yellow | 1000 |
| PT024-12B | 24mm | 12mm | Black | 1000 |
| PT024-12R | 24mm | 12mm | Red | 1000 |
| PT024-12Y | 24mm | 12mm | Yellow | 1000 |
| PT024-15B | 24mm | 15mm | Black | 1000 |
| PT024-15R | 24mm | 15mm | Red | 1000 |
| PT024-15Y | 24mm | 15mm | Yellow | 1000 |
| PT024-20B | 24mm | 20mm | Black | 1000 |
| PT024-20R | 24mm | 20mm | Red | 1000 |
| PT024-20Y | 24mm | 20mm | Yellow | 1000 |
| PT024-22B | 24mm | 22mm | Black | 1000 |
| PT024-22R | 24mm | 22mm | Red | 1000 |
| PT024-22Y | 24mm | 22mm | Yellow | 1000 |
| PT024-25B | 24mm | 25mm | Black | 1000 |
| PT024-25R | 24mm | 25mm | Red | 1000 |
| PT024-25Y | 24mm | 25mm | Yellow | 1000 |
| PT024-30B | 24mm | 30mm | Black | 1000 |
| PT024-30R | 24mm | 30mm | Red | 1000 |
| PT024-30Y | 24mm | 30mm | Yellow | 1000 |
| PT024-38B | 24mm | 38mm | Black | 1000 |
| PT024-38R | 24mm | 38mm | Red | 1000 |
| PT024-38Y | 24mm | 38mm | Yellow | 1000 |
| PT024-08B | 24mm | 8mm | Black | 1000 |
| PT024-08R | 24mm | 8mm | Red | 1000 |
| PT024-08Y | 24mm | 8mm | Yellow | 1000 |
| PT250-60B | 250mm | 60mm | Black | 1000 |
| PT250-85B | 250mm | 85mm | Black | 1000 |
| PT025-10B | 25mm | 10mm | Black | 1000 |
| PT025-10R | 25mm | 10mm | Red | 1000 |
| PT025-10Y | 25mm | 10mm | Yellow | 1000 |
| PT025-12B | 25mm | 12mm | Black | 1000 |
| PT025-12R | 25mm | 12mm | Red | 1000 |
| PT025-12Y | 25mm | 12mm | Yellow | 1000 |
| PT025-15B | 25mm | 15mm | Black | 1000 |
| PT025-15R | 25mm | 15mm | Red | 1000 |
| PT025-15Y | 25mm | 15mm | Yellow | 1000 |
| PT025-20B | 25mm | 20mm | Black | 1000 |
| PT025-20R | 25mm | 20mm | Red | 1000 |
| PT025-20Y | 25mm | 20mm | Yellow | 1000 |
| PT025-22B | 25mm | 22mm | Black | 1000 |
| PT025-22R | 25mm | 22mm | Red | 1000 |
| PT025-22Y | 25mm | 22mm | Yellow | 1000 |
| PT025-25B | 25mm | 25mm | Black | 1000 |
| PT025-25R | 25mm | 25mm | Red | 1000 |
| PT025-30B | 25mm | 30mm | Black | 1000 |
| PT025-30R | 25mm | 30mm | Red | 1000 |
| PT025-30Y | 25mm | 30mm | Yellow | 1000 |
| PT025-38B | 25mm | 38mm | Black | 1000 |
| PT025-38R | 25mm | 38mm | Red | 1000 |
| PT025-38Y | 25mm | 38mm | Yellow | 1000 |
| PT025-08B | 25mm | 8mm | Black | 1000 |
| PT025-08R | 25mm | 8mm | Red | 1000 |
| PT025-08Y | 25mm | 8mm | Yellow | 1000 |
| PT028-10B | 28mm | 10mm | Black | 1000 |
| PT028-10R | 28mm | 10mm | Red | 1000 |
| PT028-10Y | 28mm | 10mm | Yellow | 1000 |
| PT028-12B | 28mm | 12mm | Black | 1000 |
| PT028-12R | 28mm | 12mm | Red | 1000 |
| PT028-12Y | 28mm | 12mm | Yellow | 1000 |
| PT028-15B | 28mm | 15mm | Black | 1000 |

| Part Number | A (mm) | B (mm) | Colour | Std Pack Qty |
|---|---|---|---|---|
| PT028-15R | 28mm | 15mm | Red | 1000 |
| PT028-15Y | 28mm | 15mm | Yellow | 1000 |
| PT028-20B | 28mm | 20mm | Black | 1000 |
| PT028-20R | 28mm | 20mm | Red | 1000 |
| PT028-20Y | 28mm | 20mm | Yellow | 1000 |
| PT028-22B | 28mm | 22mm | Black | 1000 |
| PT028-22R | 28mm | 22mm | Red | 1000 |
| PT028-22Y | 28mm | 22mm | Yellow | 1000 |
| PT028-25B | 28mm | 25mm | Black | 1000 |
| PT028-25R | 28mm | 25mm | Red | 1000 |
| PT028-25Y | 28mm | 25mm | Yellow | 1000 |
| PT028-30B | 28mm | 30mm | Black | 1000 |
| PT028-30R | 28mm | 30mm | Red | 1000 |
| PT028-30Y | 28mm | 30mm | Yellow | 1000 |
| PT028-38B | 28mm | 38mm | Black | 1000 |
| PT028-38R | 28mm | 38mm | Red | 1000 |
| PT028-38Y | 28mm | 38mm | Yellow | 1000 |
| PT028-08B | 28mm | 8mm | Black | 1000 |
| PT028-08R | 28mm | 8mm | Red | 1000 |
| PT028-08Y | 28mm | 8mm | Yellow | 1000 |
| PT030-20B | 30mm | 20mm | Black | 1000 |
| PT030-20Y | 30mm | 20mm | Yellow | 1000 |
| PT032-20B | 32mm | 20mm | Black | 1000 |
| PT032-25B | 32mm | 25mm | Black | 1000 |
| PT033-10B | 33mm | 10mm | Black | 1000 |
| PT033-10R | 33mm | 10mm | Red | 1000 |
| PT033-10Y | 33mm | 10mm | Yellow | 1000 |
| PT033-12B | 33mm | 12mm | Black | 1000 |
| PT033-12R | 33mm | 12mm | Red | 1000 |
| PT033-12Y | 33mm | 12mm | Yellow | 1000 |
| PT033-15B | 33mm | 15mm | Black | 1000 |
| PT033-15R | 33mm | 15mm | Red | 1000 |
| PT033-15Y | 33mm | 15mm | Yellow | 1000 |
| PT033-20B | 33mm | 20mm | Black | 1000 |
| PT033-20R | 33mm | 20mm | Red | 1000 |
| PT033-20Y | 33mm | 20mm | Yellow | 1000 |
| PT033-22B | 33mm | 22mm | Black | 1000 |
| PT033-22R | 33mm | 22mm | Red | 1000 |
| PT033-22Y | 33mm | 22mm | Yellow | 1000 |
| PT033-25B | 33mm | 25mm | Black | 1000 |
| PT033-25R | 33mm | 25mm | Red | 1000 |
| PT033-25Y | 33mm | 25mm | Yellow | 1000 |
| PT033-30B | 33mm | 30mm | Black | 1000 |
| PT033-30R | 33mm | 30mm | Red | 1000 |
| PT033-30Y | 33mm | 30mm | Yellow | 1000 |
| PT033-38B | 33mm | 38mm | Black | 1000 |
| PT033-38R | 33mm | 38mm | Red | 1000 |
| PT033-38Y | 33mm | 38mm | Yellow | 1000 |
| PT033-08B | 33mm | 8mm | Black | 1000 |
| PT033-08R | 33mm | 8mm | Red | 1000 |
| PT033-08Y | 33mm | 8mm | Yellow | 1000 |
| PT038-20B | 38mm | 20mm | Black | 1000 |
| PT038-25B | 38mm | 25mm | Black | 1000 |
| PT038-25R | 38mm | 25mm | Red | 1000 |
| PT038-25Y | 38mm | 25mm | Yellow | 1000 |
| PT038-35R | 38mm | 35mm | Red | 1000 |
| PT047-22B | 47mm | 22mm | Black | 1000 |
| PT047-22R | 47mm | 22mm | Red | 1000 |
| PT047-30B | 47mm | 30mm | Black | 1000 |

SR 1124 & E Series

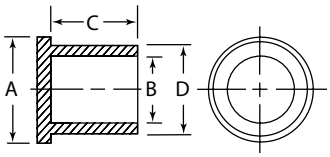
## Flanged Caps for Standard Threads

**LDPE**

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect standard threads with or without O-rings








| Part Number | To Cap Standard Thread | B | | D | | C | | A | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|
| Natural | | In | mm | In | mm | In | mm | In | mm | |
| E5/16C | 5/16” | 0.315 | 8.00 | 0.377 | 9.57 | 0.840 | 21.33 | 0.510 | 12.95 | 5000 |
| E3/8AA | 3/8” | 0.377 | 9.58 | 0.447 | 11.35 | 0.840 | 21.34 | 0.580 | 14.73 | 5000 |
| E7/16CATB | 7/16” | 0.429 | 10.90 | 0.491 | 12.47 | 0.600 | 15.24 | 0.625 | 15.88 | 4250 |
| E1/2A | 1/2” | 0.490 | 12.45 | 0.550 | 13.97 | 0.460 | 11.68 | 0.720 | 18.29 | 4000 |
| E9/16A | 9/16” | 0.551 | 14.00 | 0.621 | 15.77 | 0.490 | 12.45 | 0.810 | 20.57 | 5900 |
| EL5/8A | 5/8” | 0.625 | 15.88 | 0.687 | 17.48 | 0.840 | 21.34 | 0.760 | 19.30 | 3000 |
| E11/16B | 11/16” | 0.675 | 17.14 | 0.745 | 18.90 | 0.500 | 12.60 | 0.935 | 23.75 | 4000 |
| E3/4CATA | 3/4” | 0.729 | 18.52 | 0.786 | 19.96 | 0.625 | 15.88 | 1.000 | 25.40 | 3000 |
| E13/16A | 13/16” | 0.800 | 20.32 | 0.870 | 22.10 | 0.570 | 14.48 | 1.060 | 26.92 | 2500 |
| E7/8CATB | 7/8” | 0.865 | 21.97 | 0.921 | 23.39 | 0.832 | 21.13 | 1.096 | 27.84 | 3500 |
| E1A | 1” | 0.993 | 25.22 | 1.056 | 26.82 | 0.660 | 16.76 | 1.246 | 31.65 | 1500 |
| E1-1/16CATB | 1-1/16” | 1.043 | 26.49 | 1.114 | 28.30 | 0.688 | 17.48 | 1.288 | 32.72 | 2800 |
| E1-3/16B | 1-3/16” | 1.172 | 29.77 | 1.242 | 31.55 | 0.760 | 19.30 | 1.432 | 36.37 | 2000 |
| E1-5/16B | 1-5/16” | 1.302 | 33.07 | 1.372 | 34.85 | 0.760 | 19.30 | 1.567 | 39.80 | 1800 |
| E1-7/16B | 1-7/16” | 1.432 | 36.37 | 1.502 | 38.15 | 0.760 | 19.30 | 1.697 | 43.10 | 1500 |
| E1-5/8B | 1-5/8” | 1.615 | 41.02 | 1.685 | 42.80 | 0.835 | 21.21 | 1.875 | 47.63 | 1100 |
| E1-11/16B | 1-11/16” | 1.668 | 42.37 | 1.738 | 44.15 | 0.835 | 21.21 | 1.928 | 48.97 | 1000 |
| E1-7/8A | 1-7/8” | 1.871 | 47.52 | 1.941 | 49.30 | 0.960 | 24.38 | 2.131 | 54.13 | 900 |
| E2B | 2” | 1.994 | 50.65 | 2.064 | 52.43 | 1.085 | 27.56 | 2.256 | 57.30 | 600 |
| E2-1/2A | 2-1/2” | 2.491 | 63.27 | 2.566 | 65.18 | 1.210 | 30.73 | 2.756 | 70.00 | 350 |

D Series

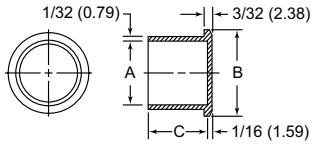
## Flanged Connector Caps

**Red LDPE**

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect connectors with standard threads







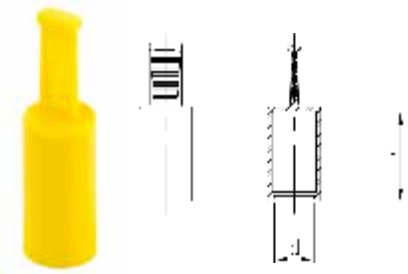

| Part Number | To Cap Std. Threaded Connector | A | | B | | C | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|
| | | In | mm | In | mm | In | mm | | |
| D1/4A | 1/4" | 0.240 | 6.10 | 0.480 | 12.19 | 0.500 | 12.70 | 1 | 5000 |
| D3/8A | 3/8" | 0.360 | 9.14 | 0.625 | 15.88 | 0.500 | 12.70 | 1 | 5000 |
| D1/2A | 1/2" | 0.477 | 12.12 | 0.750 | 19.05 | 0.500 | 12.70 | 1 | 7000 |
| D9/16A | 9/16" | 0.551 | 14.00 | 0.781 | 19.84 | 0.500 | 12.70 | 1 | 6000 |
| D5/8A | 5/8" | 0.593 | 15.06 | 0.875 | 22.23 | 0.500 | 12.70 | 1 | 4500 |
| D3/4A | 3/4" | 0.716 | 18.19 | 1.000 | 25.40 | 0.487 | 12.37 | 1 | 3500 |
| D7/8A | 7/8" | 0.841 | 21.36 | 1.125 | 28.58 | 0.491 | 12.47 | 1 | 2500 |
| D15/16A | 15/16" | 0.930 | 23.62 | 1.156 | 29.36 | 0.547 | 13.89 | 1 | 2000 |
| D1A | 1" | 0.960 | 24.38 | 1.250 | 31.75 | 0.500 | 12.70 | 1 | 2000 |
| D1-1/8A | 1-1/8" | 1.092 | 27.74 | 1.375 | 34.93 | 0.563 | 14.29 | 1 | 1500 |
| D1-3/16A | 1-3/16" | 1.176 | 29.87 | 1.438 | 36.51 | 0.563 | 14.29 | 1 | 3000 |
| D1-1/4A | 1-1/4" | 1.207 | 30.66 | 1.500 | 38.10 | 0.563 | 14.29 | 1 | 3000 |
| D1-3/8A | 1-3/8" | 1.348 | 34.24 | 1.625 | 41.28 | 0.563 | 14.29 | 1 | 2500 |
| D1-7/16A | 1-7/16" | 1.407 | 35.74 | 1.688 | 42.86 | 0.563 | 14.29 | 1 | 2200 |
| D1-1/2A | 1-1/2" | 1.458 | 37.03 | 1.719 | 43.66 | 0.563 | 14.29 | 1 | 2000 |
| D1-3/4A | 1-3/4" | 1.730 | 43.94 | 1.969 | 50.01 | 0.563 | 14.29 | 1 | 1500 |

**SR 6110**

## Pull-Tab Cap

**Yellow EVA**

- Large pull-tab allows easy removal
- Internal lip prevents ingress of dirt
- Material provides good tensile strength, toughness and increased flexibility



| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | d | h | |
| 1470783 | 4.0 | 20.2 | 500 |
| 1470784 | 5.0 | 20.0 | 500 |
| 1470785 | 6.0 | 20.0 | 500 |
| 1470786 | 8.0 | 20.0 | 500 |
| 1470787 | 9.0 | 20.0 | 500 |
| 1470788 | 10.0 | 20.0 | 500 |
| 1470789 | 11.0 | 20.0 | 500 |
| 1470790 | 12.0 | 20.0 | 500 |
| 1470791 | 13.0 | 20.0 | 500 |
| 1470792 | 14.0 | 20.0 | 500 |
| 1470793 | 15.0 | 20.0 | 500 |
| 1470794 | 16.0 | 20.0 | 500 |
| 1470795 | 18.0 | 20.0 | 500 |
| 1470796 | 20.0 | 20.0 | 500 |
| 1470797 | 20.0 | 30.0 | 500 |
| 1470798 | 24.0 | 20.0 | 500 |

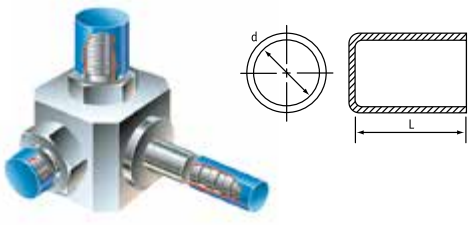
**SR 1062**

## Non-Threaded End Caps

**Blue LDPE**

- Available in a wide range of sizes
- Ideal for protecting threaded or non-threaded tubing, pipes and rods

LINE EXTENSION




| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | | L | | |
| | (ins) | (mm) | (ins) | (mm) | |
| A1/8W/RA | 0.125 | 3.18 | 0.625 | 15.88 | 5000 |
| A5/32W/RA | 0.156 | 3.97 | 0.625 | 15.88 | 5000 |
| A3/16W/RA | 0.187 | 4.76 | 0.625 | 15.88 | 5000 |
| A1/4W/RA | 0.25 | 6.35 | 0.875 | 22.23 | 5000 |
| AS9/32A | 0.281 | 7.14 | 0.5 | 12.7 | 6500 |
| A9/32A | 0.281 | 7.14 | 0.875 | 22.23 | 6500 |
| AC5/16W/RA | 0.295 | 7.49 | 0.875 | 22.23 | 6000 |
| A5/16W/RA | 0.313 | 7.94 | 0.875 | 22.23 | 5000 |
| A3/8W/RA | 0.375 | 9.53 | 0.875 | 22.23 | 4250 |
| AS7/16A | 0.437 | 11.11 | 0.5 | 12.7 | 6000 |
| A7/16W/RA | 0.437 | 11.11 | 0.875 | 22.23 | 7000 |
| A1/2BA | 0.47 | 11.94 | 0.875 | 22.23 | 5000 |
| A1/2A | 0.495 | 12.57 | 0.875 | 22.23 | 5000 |
| AS1/2A | 0.5 | 12.7 | 0.5 | 12.7 | 5000 |
| A1/2W/RA | 0.5 | 12.7 | 0.875 | 22.23 | 5000 |
| AS9/16A | 0.563 | 14.29 | 0.563 | 14.29 | 6500 |
| A9/16W/RA | 0.563 | 14.29 | 0.875 | 22.23 | 4000 |
| AS5/8A | 0.625 | 15.88 | 0.375 | 9.53 | 4250 |
| A5/8W/RA | 0.625 | 15.88 | 0.875 | 22.23 | 3500 |
| AS11/16W/RA | 0.687 | 17.46 | 0.75 | 19.05 | 4000 |
| A11/16W/RA | 0.687 | 17.46 | 0.875 | 22.23 | 3000 |
| A23/32A | 0.72 | 18.29 | 1.31 | 33.27 | 1700 |
| AS3/4A | 0.75 | 19.05 | 0.375 | 9.53 | 6000 |
| A3/4W/RA | 0.75 | 19.05 | 0.875 | 22.23 | 5000 |
| AS13/16W/RA | 0.813 | 20.64 | 0.344 | 8.73 | 6000 |
| A13/16W/RA | 0.813 | 20.64 | 0.875 | 22.23 | 4500 |
| AS7/8W/RA | 0.875 | 22.23 | 0.5 | 12.7 | 3500 |
| A7/8W/RA | 0.875 | 22.23 | 0.875 | 22.23 | 4000 |
| L7/8A | 0.875 | 22.23 | 1.75 | 44.45 | 2000 |
| A15/16A | 0.937 | 23.81 | 0.813 | 20.64 | 3500 |
| A63/64A | 0.98 | 24.89 | 1.31 | 33.27 | 2000 |
| AS1A | 1 | 25.4 | 0.375 | 9.53 | 4000 |
| A1W/RA | 1 | 25.4 | 0.75 | 19.05 | 3500 |

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | | L | | |
| | (ins) | (mm) | (ins) | (mm) | |
| AL1A | 1 | 25.4 | 1 | 25.4 | 2500 |
| L1B | 1 | 25.4 | 1.75 | 45.72 | 1400 |
| A1-1/16W/RA | 1.063 | 26.99 | 0.875 | 22.23 | 3000 |
| A1-1/8A | 1.125 | 28.58 | 0.875 | 22.23 | 2500 |
| A1-3/16W/RA | 1.187 | 30.16 | 1 | 25.4 | 2000 |
| AS1-1/4A | 1.25 | 31.75 | 0.625 | 15.88 | 3000 |
| A1-1/4A | 1.25 | 31.75 | 0.875 | 22.23 | 2000 |
| A1-5/16W/RA | 1.313 | 33.34 | 0.875 | 22.23 | 2000 |
| A1-3/8A | 1.375 | 34.93 | 0.875 | 22.23 | 1800 |
| A1-7/16A | 1.437 | 36.51 | 0.875 | 22.23 | 1600 |
| A1-1/2A | 1.5 | 38.1 | 0.875 | 22.23 | 1500 |
| A1-9/16A | 1.563 | 39.69 | 1 | 25.4 | 1200 |
| A1-5/8A | 1.625 | 41.28 | 1 | 25.4 | 1900 |
| A1-11/16A | 1.688 | 42.87 | 0.875 | 22.23 | 1200 |
| A1-3/4A | 1.75 | 44.45 | 0.875 | 22.23 | 1200 |
| A1-7/8A | 1.875 | 47.63 | 0.875 | 22.23 | 1000 |
| A2A | 2 | 50.8 | 0.875 | 22.23 | 1000 |
| A2-1/8A | 2.125 | 53.98 | 0.875 | 22.23 | 900 |
| A2-1/4A | 2.25 | 57.15 | 1.25 | 31.75 | 450 |
| A2-3/8A | 2.375 | 60.33 | 0.875 | 22.23 | 700 |
| A2-1/2A | 2.5 | 63.5 | 0.875 | 22.23 | 600 |
| AS2-9/16A | 2.563 | 65.09 | 0.375 | 9.53 | 1200 |
| A2-19/32W/RA | 2.575 | 65.4 | 1 | 25.4 | 500 |
| A2-5/8A | 2.615 | 66.42 | 1 | 25.4 | 425 |
| A2-3/4A | 2.725 | 69.22 | 1.09 | 27.68 | 450 |
| A3A | 2.98 | 75.69 | 1 | 25.4 | 400 |
| A3-1/8A | 3.125 | 79.38 | 1.375 | 34.93 | 250 |
| A3-1/4A | 3.25 | 82.55 | 1.875 | 47.63 | 150 |
| A3-1/2A | 3.5 | 88.9 | 1 | 25.4 | 300 |
| A3-3/4A | 3.74 | 94.99 | 1 | 25.4 | 225 |
| A4A | 3.99 | 101.34 | 1 | 25.4 | 200 |
| A4-1/8A | 4.115 | 104.52 | 1 | 25.4 | 200 |

*The product number with W/R has a ring of bumps on the inside to increase reliability after installation

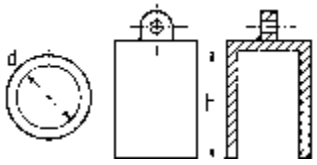
SR 1020

## Moss Caps

**Black PVC or Green Vinyl**

- Highly resistant to shredding
- Excellent for threaded applications
- Green vinyl can be used with oil and grease applications






| Part Number | | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Black PVC | Green Vinyl | | d | h | |
| 1340240 | 1340241 | 2 | 4 | 24 | 10000 |
| 12696 | 12226 | 1 | 5 | 23.5 | 10000 |
| 12697 | 12227 | 2 | 6 | 25 | 10000 |
| 1287250 | 1287249 | 2 | 7 | 24 | 5000 |
| 1287253 | 1287252 | 2 | 8 | 24.5 | 8000 |
| 12700 | 12230 | 1 | 9 | 25 | 3500 |
| 1341980 | 1341979 | 2 | 10 | 29.5 | 2500 |
| 12702 | 12232 | 2 | 11 | 29 | 4500 |
| 12703 | 12233 | 1 | 12 | 29 | 4000 |
| 1341983 | 1341982 | 2 | 13 | 29 | 3500 |
| 12705 | 12235 | 1 | 14 | 29 | 1500 |
| 12706 | 12236 | 1 | 15 | 29.5 | 2500 |
| 12707 | 12237 | 1 | 16 | 28 | 2500 |
| 12708 | 12238 | 1 | 17 | 29.5 | 2000 |
| 12709 | 12239 | 2 | 18 | 28.5 | 2000 |
| 1287247 | 1287246 | 2 | 19 | 29.5 | 2000 |
| 1341986 | 1341985 | 2 | 20 | 28.5 | 1600 |
| 12712 | 12242 | 1 | 21 | 34.5 | 1300 |
| 1341976 | 1341977 | 2 | 22 | 33.5 | 1200 |
| 12714 | 12244 | 2 | 23 | 34.5 | 1000 |
| 1341990 | 1341989 | 2 | 24 | 33.5 | 1000 |
| 12716 | 12246 | 2 | 25 | 34.5 | 1000 |
| 12717 | 12247 | 2 | 26 | 34.5 | 900 |
| 12718 | 12248 | 2 | 27 | 33.5 | 900 |
| 1287256 | 1287255 | 2 | 28 | 33.5 | 800 |
| 12720 | 12250 | 2 | 29 | 35 | 800 |
| 1287242 | 1287244 | 2 | 30 | 34.5 | 600 |

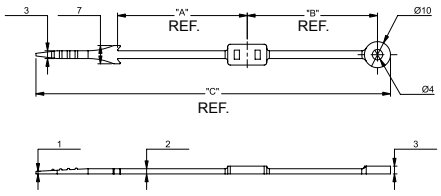
ELT

## Elastomer Lanyard

**Black EPDM, 50 Shore A**

- Elastomer linking tie designed to connect and secure two separate components
- Securing loop on one end and mounting hole on the other provide secure fix to connecting objects
- Double fixing slots on securing loop reduce risk of failure for heavy duty applications
- Accommodates a wide range of applications from cables and dust caps to enclosures and lids
- For heavy duty applications secure the loop through both fixing slots for safe mounting
- Manufactured in flexible EPDM material and can stretch up to 3 times its nominal length





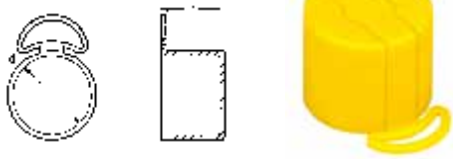

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" REF. | "B" REF. | "C" REF. | |
| ELT-50 | 50 | 50 | 136 | 1000 |
| ELT-100 | 100 | 100 | 236 | 1000 |

SR 1022

## Quick-Fit/Quick-Release Caps

- Quick fitting and removal
- Simple tear-away tab for quick release

LINE EXTENSION



### Metric-Yellow LDPE

| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | h | d | |
| 10839 | M12 | 12.0 | 12.0 | 5000 |
| 10840 | M14 | 14.1 | 14.0 | 5000 |
| 10080* | M16 | 16.5 | 16.0 | 5000 |
| 10841 | M18 | 18.0 | 18.0 | 4000 |
| 10842 | M20 | 20.0 | 20.0 | 2000 |
| 10224 | M22 | 22.0 | 22.0 | 2000 |

### BSP/Gas- Yellow LDPE

| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | h | d | |
| 10351 | ¼" x19 | 11.0 | 13.0 | 10000 |
| 10492 | ⅜" x19 | 12.0 | 16.0 | 5000 |
| 10308* | ½" x19 | 15.0 | 21.2 | 4000 |
| 12373*† | ⅝" x19 | 18.5 | 23.0 | 3000 |
| 10701 | ¾" x19 | 23.8 | 26.3 | 1500 |
| 12375* | ⅞" x19 | 25.0 | 29.5 | 1500 |
| 12376* | 1" x11 | 18.0 | 34.0 | 1500 |

* Variation in tear-away tab type. † Available with safety vent hole.

### UNF/JIC Blue LDPE

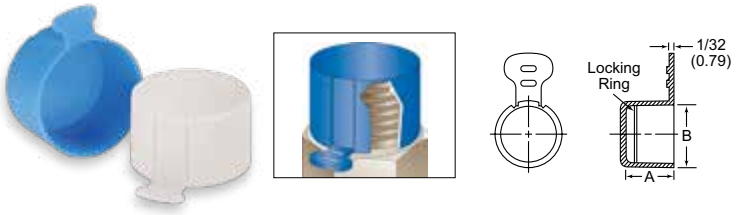
| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | d | h | |
| 18390* | 3/8"x24 | 9.2 | 11.1 | 4000 |
| TS4A | 7/16"x20 | 11 | 11.68 | 5500 |
| 18305 | ½"x20 | 12.4 | 11.7 | 5000 |
| 18306* | 9/16"x18 | 14.0 | 12.1 | 5000 |
| 10348* | 5/8"x18 | 15.5 | 12.1 | 5000 |
| 16245* | 11/16"x16 | 17.1 | 12.1 | 5000 |
| TS8A | 3/4"x16 | 18.8 | 14.22 | 3500 |
| 16246* | 13/16"x16 | 20.4 | 14.2 | 4000 |
| 10702 | 7/8"x14 | 22.0 | 16.5 | 2000 |
| TS11A | 1"-14 | 25.04 | 16.51 | 4000 |
| 110002 | 1 1/16"x12 | 26.7 | 19.0 | 2000 |
| 16248 | 1 3/16"x12 | 29.8 | 19.0 | 1000 |
| TS16A | 1 5/16"x12 | 33.07 | 19.05 | 2200 |
| 16249* | 1 7/16"x12 | 36.4 | 19.0 | 1000 |
| TS20A | 1 5/8"-12 | 41.02 | 20.96 | 1300 |
| 18405* | 1 11/16"x12 | 42.4 | 21.0 | 800 |
| TS24A | 1 7/8"-12 | 47.52 | 24.13 | 900 |
| TS32A | 2 1/2"-12 | 63.27 | 30.48 | 400 |

SR 1033

## Tear Tab Caps NPT Threads

**LDPE**

- Designed with a tear tab for easy removal
- Made to protect NPT threads from damage but versatile enough to be used in numerous applications




| Part Number | | To Cap NPT Thread | A | | B | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Natural | Blue | | In | mm | In | mm | |
| Y1/8B | Y1/8A | 1/8" | 0.320 | 8.13 | 0.386 | 9.80 | 5000 |
| Y1/4N | Y1/4A | 1/4" | 0.490 | 12.45 | 0.531 | 13.49 | 4000 |
| Y3/8B | Y3/8A | 3/8" | 0.490 | 12.45 | 0.665 | 16.89 | 5500 |
| Y1/2B | Y1/2A | 1/2" | 0.640 | 16.26 | 0.817 | 20.75 | 5500 |
| Y3/4D | Y3/4A | 3/4" | 0.630 | 16.00 | 1.033 | 26.24 | 4000 |
| Y1B | Y1A | 1" | 0.785 | 19.94 | 1.305 | 33.15 | 2000 |
| Y1-1/4N | Y1-1/4A | 1-1/4" | 0.840 | 21.34 | 1.643 | 41.73 | 1300 |
| Y1-1/2E | Y1-1/2A | 1-1/2" | 0.850 | 21.59 | 1.884 | 47.85 | 1000 |
| Y2B | Y2A | 2" | 0.890 | 22.61 | 2.339 | 59.41 | 600 |
| Y2-1/2N | - | 2-1/2" | 1.375 | 34.93 | 2.850 | 72.39 | 500 |
| Y3N | - | 3" | 1.437 | 36.50 | 3.475 | 88.27 | 250 |
| Y3-1/2N | - | 3-1/2" | 1.500 | 38.10 | 3.980 | 101.09 | 200 |
| Y4N | - | 4" | 1.500 | 38.10 | 4.480 | 113.79 | 150 |
| Y5N | - | 5" | 1.625 | 41.28 | 5.535 | 140.59 | 100 |
| Y6N | - | 6" | 1.700 | 43.18 | 6.600 | 167.64 | 50 |
| TS6A | - | 9/16-18" | 0.48 | 12.1 | 0.55 | 14.0 | 7000 |
| - | TS9B | 13/16-16" | 0.56 | 14.3 | 0.80 | 20.4 | 3000 |
| TS10A | - | 7/8-14" | 0.65 | 16.5 | 0.87 | 22.2 | 4500 |
| TS12A | TS12B | 1 1/16-12" | 0.75 | 19.1 | 1.05 | 26.8 | 3000 |
| - | TS16B | 1 5/16-12" | 0.75 | 19.1 | 1.30 | 33.1 | 2200 |
| - | TS24B | 1 7/8-12" | 0.95 | 24.1 | 1.87 | 47.5 | 900 |
| - | TS32B | 2 1/12-12" | 1.2 | 30.5 | 2.50 | 63.7 | 400 |

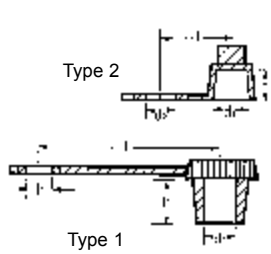
SR 1019

## Grease Nipple Caps

**Red LDPE**

- Effective, low-cost protection for grease nipples

| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | $d_1$ | $d_2$ | l | h | |
| 087063000503 | 1 | 6 | 6.4 | 29.5 | 9.3 | 250 |
| 601575 | 1 | 6.5 | 6.3 | 29.5 | 8.0 | 250 |
| 61454 | 2 | 6.3 | 6.2 | 11.6 | 5.2 | 10000 |



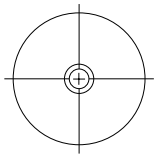


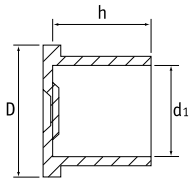

SR 1116

## Straight Flanged Caps

**Natural LDPE**

- Typically used to protect BSP / NPT threads with or without O-Rings








Metric

| Part Number | To fit Metric Thread | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | $d_1$ | h | D | |
| ECM10A | M10 | 9.8 | 16.9 | 13.5 | 10000 |
| ECM12A | M12 | 11.8 | 12 | 19.5 | 7000 |
| ECM14A | M14 | 13.7 | 12 | 21.5 | 5000 |
| ECM16A | M16 | 15.7 | 12 | 23.5 | 5000 |
| ECM18A | M18 | 17.7 | 12 | 25.5 | 3000 |
| ECM20A | M20 | 19.7 | 14.1 | 27.5 | 2500 |
| ECM22A | M22 | 21.7 | 14.1 | 29.5 | 3000 |
| ECM33A | M33 | 32.6 | 17.5 | 40.4 | 2000 |
| ECM38A | M38 | 37.6 | 19 | 44.5 | 1000 |
| ECM42A | M42 | 41.68 | 19 | 49.5 | 1000 |

Imperial

| Part Number | BSP/NPT Thread | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | $d_1$ | h | D | |
| ECS0125A | 1/8" | 10.1 | 9.7 | 16.8 | 10000 |
| ECS0250A | 1/4" | 13.5 | 13.5 | 20.6 | 9000 |
| ECS0375A | 3/8" | 17 | 13.5 | 23.9 | 5000 |
| ECS0500A | 1/2" | 21.2 | 18.3 | 27.7 | 3000 |
| ECS0750A | 3/4" | 26.5 | 19.1 | 33.3 | 2000 |
| ECS1000A | 1" | 33.3 | 23.6 | 39.6 | 1000 |
| ECS1250A | 1 1/4" | 42 | 24.6 | 49.3 | 800 |
| ECS1500A | 1 1/2" | 48.1 | 24.6 | 54.9 | 600 |
| ECS2000A | 2" | 60.2 | 26.2 | 66.6 | 500 |

SR 1380

## Mini Flange Stud Protection Cap

**LDPE Natural**

- Used to protect BSP / UNF Thread
- The small flange allows easy fitting with socket wrench

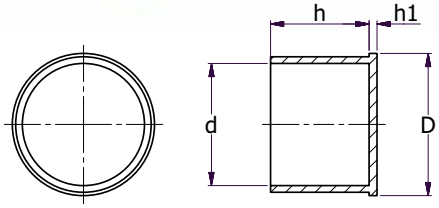


BSP

| Part Number | Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d | D | $h_1$ | h | |
| 110855 | 3/4" x 14 | 26.0 | 29.0 | 1.2 | 19.5 | 2000 |
| 110853 | 3/8" x 19 | 16.3 | 19.3 | 1.0 | 12.0 | 2000 |
| 110857 | 1/4" x 19 | 12.8 | 15.8 | 1.0 | 10.0 | 2000 |

UNF

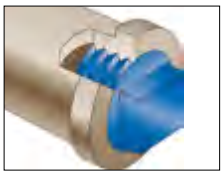
| Part Number | Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d | D | $h_1$ | h | |
| 110856 | 9/16" x 18 | 13.8 | 16.8 | 1.0 | 12.0 | 2000 |
| 110859 | 11/16" x 16 | 17.0 | 20.0 | 1.0 | 13.0 | 2000 |
| 110854 | 3/4" x 16 | 18.6 | 21.6 | 1.2 | 15.0 | 2000 |
| 110858 | 13/16" x 16 | 20.2 | 23.2 | 1.2 | 15.0 | 2000 |



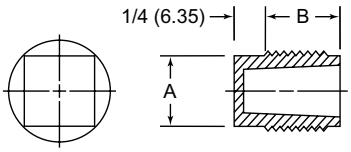
R Series

## NPT Threaded Square-Headed Plugs





- Square head design allows the user to install or remove these by hand or with a wrench
- Used to protect NPT threads against contaminants and moisture
- Nylon is recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than HDPE. Nylon is recommended for intermittent temperatures of 320°F (160°C) to -40°F (-40°C)




| Part Number | | | A | | B | | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|
| Blue HDPE | Natural GFN | To Fit NPT Thread Size | In | mm | In | mm | Pack Qty. | |
| R1/8A | R1/8C | 1/8"–27 | 9/32 | 7.14 | 0.375 | 9.53 | 1 | 8500 |
| R1/4A | R1/4C | 1/4"–18 | 11/32 | 8.73 | 0.437 | 11.11 | 1 | 9000 |
| R3/8A | R3/8B | 3/8"–18 | 7/16 | 11.11 | 0.500 | 12.70 | 1 | 5000 |
| R1/2A | R1/2D | 1/2"–14 | 9/16 | 14.28 | 0.562 | 14.29 | 1 | 3000 |
| R3/4A | R3/4B | 3/4"–14 | 11/16 | 17.46 | 0.625 | 15.88 | 1 | 1900 |

| Part Number | | | A | | B | | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|
| Blue HDPE | Natural GFN | To Fit NPT Thread Size | In | mm | In | mm | Pack Qty. | |
| R1A | R1B | 1"–11-1/2 | 3/4 | 19.05 | 0.625 | 15.88 | 1 | 1000 |
| R1-1/4A | R1-1/4C | 1-1/4"–11-1/2 | 15/16 | 23.81 | 0.625 | 15.88 | 1 | 500 |
| R1-1/2A | - | 1-1/2"–11-1/2 | 1-1/8 | 28.57 | 0.625 | 15.88 | 1 | 500 |
| R2A | - | 2"–11-1/2 | 1-1/4 | 31.75 | 0.625 | 15.88 | 1 | 500 |

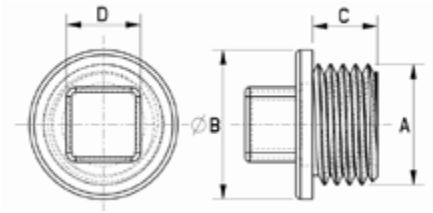
SR 5757

## Pipe Plug

**Nylon-6 (PA-6) - Natural**

- Strong plug for inner gas threads of 1/8" up to 1¼"
- Resistant to most chemicals, moisture and salt water






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 20046439 | G1/8 | 13.0 | 7.0 | 9.0 | 50 |
| 20046446 | G1/4 | 16.0 | 7.0 | 11.0 | 50 |
| 20046453 | G3/8 | 21.0 | 8.0 | 12.5 | 50 |
| 20046460 | G1/2 | 27.0 | 9.0 | 14.0 | 50 |
| 20046477 | G3/4 | 34.0 | 11.0 | 17.0 | 50 |
| 20046484 | G1 | 41.0 | 11.0 | 19.0 | 50 |
| 20046491 | G1 1/4 | 53.0 | 11.0 | 24.0 | 50 |

EC

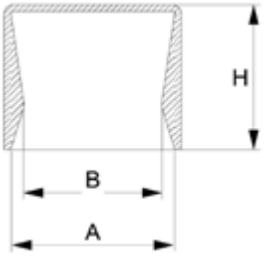
## Knurled Cap

**TPE**

NEW

- Protection for Metric, BSPP & UNF thread
- Features a textured, knurled surface for enhanced grip






| Part Number | Dimensions (mm) | | | | | |
|---|---|---|---|---|---|---|
| | A | B | H | Metric | GAS | UNF |
| 20592660 | 11.3 | 9.6 | 12.4 | 10-12 | 1/8 | 3/8-7/16 |
| 20592677 | 13.3 | 12.3 | 12.4 | 14 | 1/4 | 1/2-9/16 |
| 20592684 | 17.3 | 15.6 | 13 | 16 | 3/8 | 5/8 |
| 20592691 | 20.8 | 19.8 | 18.6 | 20-22 | 1/2 | - |
| 20592707 | 25.6 | 24.4 | 22 | 25-26 | 3/4 | - |
| 20592714 | 35.4 | 31.7 | 21.5 | 32-36 | 1 | 1.3/8 |
| 20592721 | 41.3 | 37.5 | 20.8 | 40 | 1.1/4 | 1.1/2 |
| 20592738 | 48.5 | 44.3 | 26.4 | 50 | 1.1/2 | - |
| 20592745 | 62.0 | 59.2 | 28.0 | 56-58 | 2 | - |

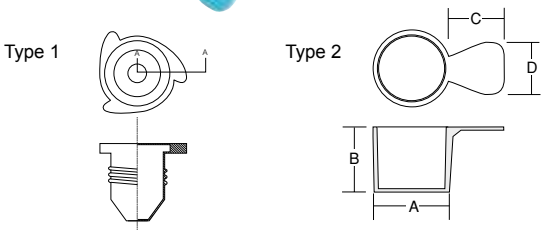
GP Series

## GAS VALVE CAPS AND PLUGS

**Violet, Blue or Yellow LDPE**

- Designed for thread protection of Industrial and LPG gas cylinder valves.
- They allow quick differentiation between full and empty cylinders. A side tab allows easy removal when the cylinder is ready to be used.






| Part Number | Type | A mm | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|---|
| B98 | 1 | 20.0 | 16.0 | 15.0 | 9.5 | 100/1000 |
| B92 | 1 | 20.5 | 15.5 | 13.5 | 9.5 | 100/1000 |
| 1434534 | 1 | 20.35 | 8.7 | 13.5 | 9.5 | 100/1000 |
| GP004LT | 2 | 20.2 | 28.5 | 17.0 | 15.7 | 100/1000 |
| GP005LT | 2 | 28 | 20.4 | 18.2 | 15.7 | 100/1000 |
| GP006LT | 2 | 25.0 | 20.5 | 17.0 | 23.5 | 100/1000 |
| GP007LT | 2 | 23.2 | 16.0 | 15.7 | 15.8 | 100/1000 |
| GP008LT | 2 | 20.2 | 16.0 | 16.3 | 15.5 | 100/1000 |
| GP0009LT | - | 27.0 | 26.0 | 23.2 | 20.0 | 1000 |

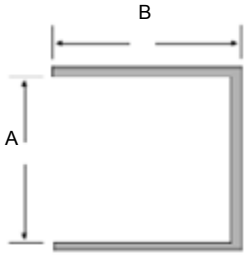
NB Series

## NB Pipe Caps

**Black LDPE**

- Generally used for protecting the ends and threads on BSP (NB) pipe ends.
- Prevent moisture, debris, dirt and rodents from entering the pipe.





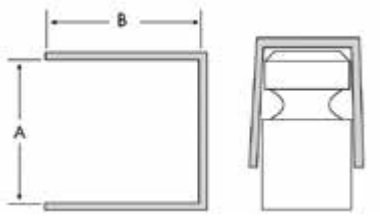

| Part Number | BSP Size | A imperial | A metric | B imperial | B metric | Std Pack Qty |
|---|---|---|---|---|---|---|
| NB015 | 1/2 | 13/16 | 20.6 | 3/4 | 19.0 | 100/1000 |
| NB020 | 3/4 | 1 1/32 | 26.2 | 1 | 25.4 | 100/1000 |
| NB025 | 1 | 1 9/32 | 32.5 | 7/8 | 22.2 | 100/1000 |
| NB032 | 1 1/4 | 1 5/8 | 40.5 | 1 5/16 | 23.8 | 100/1000 |
| NB040 | 1 1/2 | 1 7/8 | 47.6 | 1 3/16 | 30.2 | 100/1000 |
| NB050 | 2 | 2 5/16 | 58.7 | 1 3/16 | 30.2 | 100/1000 |
| NB065 | 2 1/2 | 2 13/32 | 75.4 | 1 3/8 | 34.9 | 100/1000 |
| NB080 | 3 | 3 7/16 | 87.3 | 1 1/2 | 38.1 | 100/1000 |
| NB100 | 4 | 4 7/16 | 112.6 | 1 5/8 | 41.2 | 100/1000 |
| NB125 | 5 | 5 3/8 | 137.4 | 2 | 50.0 | 100/1000 |
| NB150 | 6 | 6 7/32 | 157.9 | 1 7/8 | 47.6 | 100/1000 |

# Sleeve Caps

**Black or Yellow LDPE**

| Part Number | A imperial | A metric | B imperial | B metric | Colour | Std pack Qty |
|---|---|---|---|---|---|---|
| SC0063 | 1/4 | 6.3 | 7/8 | 22.2 | Y | 100/1000 |
| SC0079 | 5/16 | 7.9 | 7/8 | 22.2 | Y | 100/1000 |
| SC0085 | 11/32 | 8.5 | 7/16 | 11.1 | Y | 100/1000 |
| SC0095 | 3/8 | 9.5 | 7/8 | 22.2 | Y | 100/1000 |
| SC0107 | 27/64 | 10.7 | 7/8 | 22.2 | Y | 100/1000 |
| SC0111 | | 11.1 | 7/8 | 22.2 | Y | 100/1000 |
| SC0119 | 15/32 | 11.9 | 3/4 | 19.0 | Y | 100/1000 |
| SC0127X | 1/2 | 12.7 | 1/2 | 12.7 | Y | 100/1000 |
| SC0127 | 1/2 | 12.7 | 7/8 | 22.2 | Y | 100/1000 |
| SC0143 | 9/16 | 14.3 | 1/2 | 12.7 | Y | 100/1000 |
| SC0150 | 19/32 | 15.0 | 7/8 | 22.2 | Y | 100/1000 |
| SC0159 | 5/8 | 15.9 | 7/8 | 22.2 | Y | 100/1000 |
| SC0180 | – | 18.0 | 7/8 | 22.2 | Y | 100/1000 |
| SC0190X | 3/4 | 19.0 | 1/4 | 6.3 | Y | 100/1000 |
| SC0190 | 3/4 | 19.0 | 7/8 | 22.2 | Y | 100/1000 |
| SC0190S | 3/4 | 19.0 | 1 | 25.4 | Y | 100/1000 |
| SC0220 | – | 22.0 | 7/8 | 22.2 | Y | 100/1000 |
| SC0222 | 7/8 | 22.2 | 7/8 | 22.2 | Y | 100/1000 |
| SC0254 | 1 | 25.4 | 1 | 25.4 | Y | 100/1000 |
| SC0254S | 1 | 25.4 | 1-1/4 | 31.7 | Y | 100/1000 |
| SC0270 | 1-1/16 | 27.0 | 1 | 25.4 | Y | 100/1000 |
| SC0286 | 1-1/8 | 28.6 | 1 | 25.4 | Y | 100/1000 |
| SC0317 | 1-1/4 | 31.7 | 1-1/8 | 28.6 | Y | 100/1000 |
| SC0349 | 1-3/8 | 34.9 | 1-1/8 | 28.6 | Y | 100/1000 |
| SC0349S | 1-3/8 | 34.9 | 1-3/4 | 44.4 | B | 100/1000 |
| SC0381 | 1-1/2 | 38.1 | 1-1/4 | 31.7 | B | 100/1000 |
| SC0381S | 1-1/2 | 38.1 | 2 | 50.8 | B | 100/1000 |
| SC0413 | 1-5/8 | 41.3 | - | 29.3 | B | 100/1000 |
| SC0425 | - | 42.5 | - | 29.7 | B | 100/1000 |
| SC0444 | 1-3/4 | 44.4 | 1-1/4 | 31.7 | B | 100/1000 |
| SC0444S | 1-3/4 | 44.4 | 2 | 50.8 | B | 100/1000 |
| SC0508 | 2 | 50.8 | 1-1/4 | 31.7 | B | 100/1000 |
| SC0508S | 2 | 50.8 | 2 | 50.8 | B | 100/1000 |
| SC0540 | 2-1/8 | 54.0 | 1-1/4 | 31.7 | B | 100/1000 |
| SC0571 | 2-1/4 | 57.1 | 1-1/4 | 31.7 | B | 100/1000 |
| SC0603 | 2-3/8 | 60.3 | 1-3/16 | 30.0 | B | 100/1000 |
| SC0635 | 2-1/2 | 63.5 | 1-1/4 | 31.7 | B | 100/1000 |
| SC0635S | 2-1/2 | 63.5 | 2 | 50.8 | B | 100/1000 |
| SC0667 | 2-5/8 | 66.7 | 1-3/16 | 30.0 | B | 100/1000 |
| SC0698 | 2-3/4 | 69.8 | 1-5/16 | 33.4 | B | 100/1000 |
| SC0730 | - | 73.0 | 1-7/16 | 37.0 | B | 100/1000 |
| SC0762 | 3 | 76.2 | 1-1/2 | 38.1 | B | 100/1000 |
| SC0794 | 3-1/8 | 79.4 | 1-1/2 | 38.1 | B | 100/1000 |
| SC0825 | 3-1/4 | 82.5 | 1-1/2 | 38.1 | B | 100/1000 |
| SC0889 | 3-1/2 | 88.9 | 1-1/2 | 38.1 | B | 100/1000 |
| SC1016 | 4 | 101.6 | 1-1/2 | 38.1 | B | 100/1000 |
| SC1143 | 4-1/2 | 114.3 | 1-1/2 | 38.1 | B | 100/1000 |
| SC1250 | - | 125.7 - 128.6 | - | 40.0 | B | 100/1000 |
| SC1270 | 5 | 127.0 | 1-3/8 | 34.9 | B | 100/1000 |
| SC1397 | 5-1/2 | 139.7 | 1-7/16 | 36.5 | B | 100/1000 |
| SC1524 | 6 | 152.4 | 1-3/8 | 34.9 | B | 100/1000 |
| SC1651 | 6-1/2 | 165.1 | 1-1/2 | 38.1 | B | 100/1000 |
| SC1682 | 6-5/8 | 168.2 | 1-3/8 | 34.9 | B | 100/1000 |
| SC1800 | - | 181.5 | - | 45.0 | B | 100/1000 |






- Parallel moulded cap to protect the outside diameter of tubing, shafts, threaded and non-threaded rod.
- Excellent masks for painting or sand blasting etc.
- Available in over 53 sizes.
- They may also be cut, punched or slit. Contact us for current lead times and costs.

TF Series

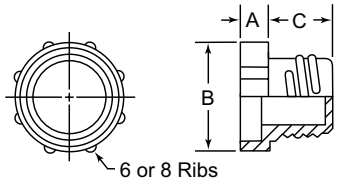
## Threaded Plugs for Flat Faced O-Ring Hydraulic Fittings

**Red LDPE**

- Head designed with 6 or 8 ribs for simple hand or mechanical installation
- Used to protect flat-faced o-ring hydraulic fittings








| Part Number | Tubing Size In | To Fit Thread Size | A | | B | | C | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|
| | | | In | mm | In | mm | In | mm | |
| TF10B | 1/4 | 9/16"-18 | 0.250 | 6.40 | 0.690 | 17.50 | 0.380 | 9.50 | 5000 |
| TF20B | 3/8 | 11/16"-16 | 0.250 | 6.40 | 0.870 | 22.10 | 0.410 | 10.4 | 5000 |
| TF30B | 1/2 | 13/16"-16 | 0.250 | 6.40 | 0.940 | 23.90 | 0.470 | 11.9 | 5000 |
| TF40B | 5/8 | 1"-14 | 0.250 | 6.40 | 1.160 | 29.50 | 0.570 | 14.5 | 2500 |
| TF50B | 3/4 | 1 3/16"-12 | 0.250 | 6.40 | 1.320 | 33.50 | 0.610 | 15.5 | 2500 |
| TF60B | 1 | 1 7/16"-12 | 0.250 | 6.40 | 1.630 | 41.40 | 0.690 | 17.5 | 1000 |
| TF80B | 1-1/4 | 1 11/16"-12 | 0.250 | 6.40 | 1.880 | 47.75 | 0.890 | 22.6 | 1000 |

TMO Series

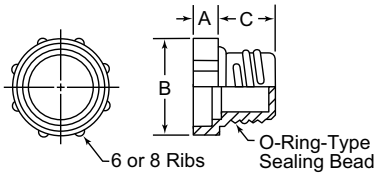
## Threaded Plugs for SAE O-Ring Ports

**Red LDPE**

- Protects threaded components from dust, moisture and damage during production, storage and shipment
- Designed with an easy to grip head for ease of hand installation
- Threads meet UN and UNS specifications
- Integral O-ring type bead prevents leakage and entrance of contaminants








| Part Number | To Fit Standard Thread Size | A | | B | | C | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|
| | | In | mm | In | mm | In | mm | | |
| TMO104A | 7/16"–20 | 0.320 | 8.13 | 0.650 | 16.51 | 0.380 | 9.65 | 1 | 5500 |
| TMO105A | 1/2"–20 | 0.320 | 8.13 | 0.720 | 18.29 | 0.380 | 9.65 | 1 | 7500 |
| TMO106A | 9/16"–18 | 0.360 | 9.14 | 0.780 | 19.81 | 0.380 | 9.65 | 1 | 6000 |
| TMO108A | 3/4"–16 | 0.400 | 10.16 | 0.980 | 24.89 | 0.380 | 9.65 | 1 | 3500 |

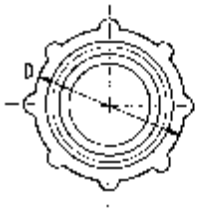
| Part Number | To Fit Standard Thread Size | A | | B | | C | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|
| | | In | mm | In | mm | In | mm | | |
| TMO110A | 7/8"–14 | 0.450 | 11.43 | 1.110 | 28.19 | 0.380 | 9.65 | 1 | 2100 |
| TMO112A | 1-1/16"–12 | 0.620 | 15.75 | 1.310 | 33.27 | 0.380 | 9.65 | 1 | 1200 |
| TMO116A | 1-5/16"–12 | 0.620 | 15.75 | 1.560 | 39.62 | 0.380 | 9.65 | 1 | 700 |
| TMO120A | 1-5/8"–12 | 0.620 | 15.75 | 1.880 | 47.75 | 0.380 | 9.65 | 1 | 700 |

SR 1054

## BSP Threaded Plugs

**Red LDPE**

- Fits popular BSP sizes
- Very quick fitting and removal
- Ideal for hydraulic couplings






| Part Number | To Fit Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | D | h1 | h2 | |
| 10097 | 1/4" x19 | 17.0 | 4.5 | 6.0 | 5000 |
| 10098 | 3/8" x19 | 21.0 | 6.3 | 6.0 | 5000 |
| 10099 | 1/2" x14 | 27.0 | 6.8 | 6.0 | 3000 |
| 10548 | 5/8" x14 | 28.0 | 9.6 | 6.0 | 2500 |

PT Series

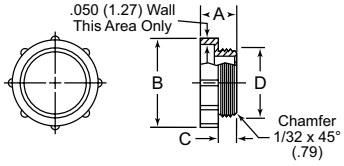
## NPT Threaded Plugs

**Red HDPE**

- Knurled head design allows the user to install or remove these by hand easier
- Used to protect NPT threads against contaminants and moisture








| Part Number | To Fit NPT Thread Size | A | | B | | C | | D | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | mm | In | mm | In | mm | In | mm | | |
| PT1/4A | 1/4" | 0.500 | 12.70 | 0.725 | 18.42 | 0.225 | 5.72 | 0.440 | 11.18 | 1 | 9000 |
| PT3/8A | 3/8" | 0.500 | 12.70 | 0.900 | 22.86 | 0.225 | 5.72 | 0.585 | 14.86 | 1 | 6500 |
| PT1/2A | 1/2" | 0.500 | 12.70 | 1.120 | 28.45 | 0.250 | 6.35 | 0.700 | 17.78 | 1 | 4000 |
| PT3/4C | 3/4" | 0.500 | 12.70 | 1.300 | 33.02 | 0.250 | 6.35 | 0.940 | 23.88 | 1 | 3000 |
| PT1A | 1" | 0.500 | 12.70 | 1.565 | 39.75 | 0.250 | 6.35 | 1.180 | 29.97 | 1 | 1800 |

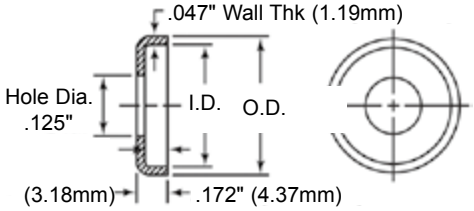
SR 5758

## Hose Washer Cap

**LDPE - Yellow**
**TPE - Black**

- Applied on hose and tube ends in order to prevent them from sliding over the fittings






| Part Number | | Dimensions (mm) | | | Std |
|---|---|---|---|---|---|
| LDPE | TPE | Hole Ø | I.D. | O.D. | Pack Qty |
| W6A | W6C | 8.1 | 15.0 | 17.4 | 4750 |
| W8A | W8C | 11.3 | 19.3 | 21.8 | 4000 |
| W10A | W10C | 14.6 | 22.1 | 24.6 | 5000 |
| W13A | W13C | 17.8 | 26.4 | 29.0 | 6500 |
| W15A | W15C | 21.0 | 29.6 | 32.2 | 5000 |
| W20A | W20C | 26.7 | 33.0 | 35.6 | 5000 |

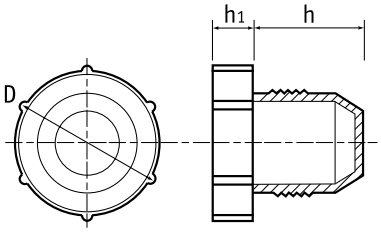
SR 1077

## Threaded Fitting Plugs

**Red LDPE**

- Functionally Equivalent to Spec: NAS-833, NAS-815 (ML-C5501/1, ML-C52078)
- Designed with a knurled head for easy finger installation
- Used to seal light pressure requirements on sealing 37° flared fittings





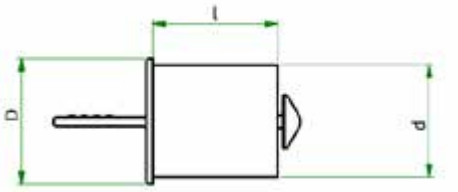

| Part Number | UNF/JIC Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | D | h | h1 | |
| TE1000A | 5/16"x24 | 13.9 | 10.7 | 6.3 | 5000 |
| TE1005A | 3/8"x24 | 15.3 | 11.9 | 6.4 | 5000 |
| TE1010A | 7/16"x20 | 17.2 | 14.1 | 6.4 | 5000 |
| TE1015A | 1/2"x20 | 17.2 | 13.7 | 6.3 | 5000 |
| TE1020A | 9/16"x18 | 20.4 | 12.6 | 6.4 | 5000 |
| TE1025A | 5/8"x18 | 20.8 | 14.5 | 6.4 | 5000 |
| TE1030A | 3/4"x16 | 24.1 | 18.6 | 6.5 | 2500 |
| TE1035A | 7/8"x14 | 27.0 | 21.1 | 6.5 | 2500 |
| TE1040A | 1 1/16"x12 | 34.7 | 21.8 | 6.5 | 2500 |
| TE1045A | 1 1/16"x14 | 34.0 | 24.6 | 6.4 | 1000 |
| TE1050A | 1 3/16"x12 | 36.1 | 24.0 | 6.4 | 2500 |
| TE1055A | 1 5/16"x12 | 40.9 | 23.5 | 6.3 | 1000 |
| TE1060A | 1 1/2"x12 | 45.5 | 24.0 | 6.5 | 1000 |
| TE1065A | 1 5/8"x12 | 48.8 | 23.3 | 8.0 | 1000 |
| TE1070A | 1 3/4"x12 | 58.4 | 23.4 | 6.3 | 1000 |
| TE1075A | 1 7/8"x12 | 61.2 | 27.3 | 8.3 | 500 |
| TE1080A | 2 1/4"x12 | 69.1 | 33.2 | 8.0 | 500 |
| TE1085A | 2 1/2"x12 | 77.5 | 34.0 | 8.0 | 500 |

## Fluid Absorption Plug

**Yellow PP / Bi-Component Fibre**

- Control fluid excess residue by absorption to hold and not leak preventing damage and contamination
- Unique design allowing quick, easy installation and removal to save time and cost
- Safer, easier and cleaner than a conventional plug, the product leaves no residue in the thread / hole
- Suitable for Metric and Imperial size threads including plain bore holes
- Absorbs a variety of substances with inherent chemical resistance
- More sizes available against leadtime and MOQ*






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | | Absorption** ml | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | D | d | L | | |
| 1342611 | M10 x 1.5 | 1/8" x 28 | 3/8" x 24 | 10.5 | 8.5 | 15.0 | 0.54 | 1000 |
| 1342612* | M10 x 1.5 | 1/8" x 28 | 3/8" x 24 | 10.5 | 8.5 | 25.0 | 0.89 | 1000 |
| 1342613 | M12 x 1.5 | - | - | 12.5 | 10.5 | 15.0 | 0.86 | 1000 |
| 1342614* | M12 x 1.5 | - | - | 12.5 | 10.5 | 25.0 | 1.43 | 1000 |
| 1342615 | - | 1/4" x 19 | - | 14.5 | 11.5 | 15.0 | 1.05 | 1000 |
| 1342616* | - | 1/4" x 19 | - | 14.5 | 11.5 | 25.0 | 1.76 | 1000 |
| 1342617* | M14 x 1.5 | - | 9/16" x 18 | 14.5 | 12.5 | 15.0 | 1.02 | 1000 |
| 1349120 | M14 x 1.5 | - | 9/16" x 18 | 14.5 | 12.5 | 20.0 | 1.36 | 1000 |
| 1342618 | M14 x 1.5 | - | 9/16" x 18 | 14.5 | 12.5 | 25.0 | 1.70 | 1000 |
| 1342619 | M16 x 1.5 | - | 5/8" x 18 | 17.0 | 14.5 | 15.0 | 1.48 | 1000 |
| 1342620* | M16 x 1.5 | - | 5/8" x 18 | 17.0 | 14.5 | 25.0 | 2.46 | 1000 |
| 1342621* | M18 x 1.5 | - | - | 19.0 | 17.0 | 15.0 | 2.14 | 1000 |
| 1342622 | M18 x 1.5 | - | - | 19.0 | 17.0 | 25.0 | 3.57 | 1000 |
| 1342623* | - | 3/8" x 19 | - | 17.0 | 15.2 | 15.0 | 1.65 | 1000 |
| 1342624 | - | 3/8" x 19 | - | 17.0 | 15.2 | 25.0 | 2.75 | 1000 |
| 1349119 | - | - | - | 20.0 | 18.0 | 20.0 | 3.25 | 1000 |
| 1342625 | M20 x 1.5 | 1/2" x 14 | - | 20.0 | 18.5 | 25.0 | 4.32 | 1000 |
| 1342626 | M22 x 1.5 | 5/8" x 14 | - | 23.0 | 20.8 | 25.0 | 5.60 | 1000 |
| 1342627 | - | 3/4" x 14 | 1-1/16" x 12 | 27.0 | 24.6 | 25.0 | 8.04 | 1000 |
| 1342628 | - | 1" x 11 | 1-5/16" x 12 | 33.0 | 30.5 | 35.0 | 17.68 | 1000 |

** Typical values and will vary with different substances, viscosity and applications

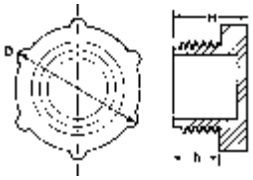
SR 1002

## Threaded Protection Plugs

**Red LDPE**

- Easy-to-grip head
- Thread ensures secure fit
- Excellent protection from dirt, moisture and corrosion
- Widely used in hydraulic, pneumatic and general engineering industries






### UNF/JIC

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | H | D | h | |
| 10498 | 5/16" x18 | 12.0 | 14.5 | 7.4 | 5000 |
| 10709 | 5/16" x24 | 12.3 | 14.8 | 7.4 | 5000 |
| 10692 | 3/8" x24 | 14.0 | 13.7 | 9.5 | 5000 |
| 10763 | 7/16" x20 | 16.1 | 17.4 | 11.0 | 5000 |
| 12031 | 7/16" x24 | 12.1 | 17.8 | 7.1 | 5000 |
| 10696 | 1/2" x20 | 15.3 | 18.5 | 10.5 | 5000 |
| 10668 | 9/16" x18 | 15.4 | 22.6 | 10.7 | 5000 |
| 12033 | 9/16" x24 | 13.6 | 18.9 | 9.0 | 5000 |
| 10940 | 5/8" x18 | 14.8 | 21.0 | 10.0 | 5000 |
| 12965 | 5/8" x24 | 14.8 | 20.7 | 10.0 | 5000 |
| 12786 | 11/16" x16 | 18.1 | 25.6 | 13.5 | 3000 |
| 10575 | 3/4" x16 | 18.7 | 27.0 | 13.8 | 3000 |
| 12827 | 13/16" x16 | 18.1 | 26.7 | 13.5 | 2500 |
| 10326 | 7/8" x14 | 18.5 | 28.8 | 13.6 | 2500 |
| 12785 | 1" x14 | 17.8 | 32.0 | 13.2 | 2000 |
| 10460 | 1 1/16" x12 | 18.4 | 33.4 | 13.8 | 2000 |
| 12359 | 1 1/16" x14 | 18.3 | 33.3 | 13.7 | 2000 |
| 11506 | 1 3/16" x12 | 18.3 | 36.8 | 13.5 | 1500 |
| 10671 | 1 5/16" x12 | 18.3 | 39.3 | 11.0 | 1500 |
| 11752 | 1 5/8" x12 | 17.3 | 50.6 | 12.9 | 800 |
| 11755 | 1 7/8" x12 | 22.5 | 58.4 | 16.7 | 400 |
| 12040 | 2 1/2" x12 | 20.6 | 73.6 | 15.0 | 300 |

### Metric

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | H | D | h | |
| 12011 | M8 x1 | 14.3 | 12.3 | 9.5 | 5000 |
| 12012 | M10 x1 | 14.6 | 15.3 | 10.4 | 5000 |
| 12013 | M12 x1 | 16.7 | 18.5 | 10.7 | 5000 |
| 12017* | M12 x1.5 | 16.3 | 16.7 | 8.7 | 2500 |
| 12018* | M14 x1.5 | 17.2 | 18.5 | 9.5 | 5000 |
| 12019 | M16 x1.5 | 17.2 | 22.0 | 12.5 | 3000 |
| 10458 | M18 x1.5 | 13.5 | 23.5 | 13.7 | 4000 |
| 12020 | M20 x1.5 | 18.2 | 26.3 | 14.0 | 3000 |
| 10128 | M22 x1.5 | 18.3 | 28.2 | 13.7 | 3000 |
| 12021 | M24 x1.5 | 18.5 | 28.2 | 13.8 | 2000 |
| 12022 | M25 x1.5 | 18.5 | 31.3 | 14.0 | 2500 |
| 12023 | M26 x1.5 | 18.7 | 32.7 | 13.8 | 2000 |
| 12030 | M52 x1.5 | 21.5 | 63.7 | 15.5 | 500 |

* Hexagonal head

### BSP/Gas

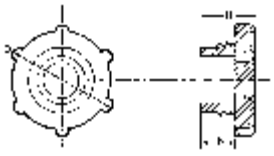
| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | H | D | h | |
| 10651 | 1/8" x18 | 10.5 | 16.4 | 4.2 | 5000 |
| 10588 | 1/4" x19 | 12.8 | | 6.5 | 5000 |
| 10996 | 3/8" x19 | 12.0 | 22.9 | 5.5 | 5000 |
| 10590 | 1/2" x14 | 17.3 | | 10.3 | 3000 |
| 10511 | 5/8" x14 | 18.4 | 31.3 | 13.9 | 2500 |
| 10731 | 3/4" x14 | 17.0 | | 11.0 | 2000 |
| 11429 | 7/8" x14 | 18.1 | 38.0 | 13.5 | 1500 |
| 10810 | 1" x11 | 16.9 | | 10.8 | 1500 |
| 10459 | 1 1/4" x11 | 20.9 | 49.9 | 15.0 | 800 |
| 11242 | 1 1/2" x11 | 16.9 | | 10.8 | 600 |
| 10496 | 2" x11 | 17.5 | 73.7 | 10.7 | 400 |
| 10319 | 3" x11 | 16.5 | 105.0 | 11.3 | 150 |

SR 1009

## Quick-Fit Threaded Plugs

**Red LDPE**






### Metric

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | H | D | h | |
| 12605 | M14 x1.5 | 12.5 | 21.5 | 8.0 | 5000 |
| 12606 | M16 x1.5 | 12.5 | 23.6 | 8.0 | 3000 |
| 18408 | M20x1.5 | 13.0 | 26.0 | 8.0 | 3000 |
| 12597 | M30 x2.0 | 14.6 | 39.9 | 9.8 | 1500 |
| 12611 | M36 x2.0 | 21.5 | 45.6 | 10.5 | 1000 |
| 12578 | M42 x2.0 | 21.2 | 64.7 | 15.5 | 700 |
| 12602 | M45 x2.0 | 18.5 | 57.8 | 12.7 | 700 |
| 12612 | M52 x2.0 | 21.3 | 65.9 | 15.4 | 500 |

### UNF/JIC

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | H | D | h | |
| 10108 | 7/16" x20 | 9.0 | 18.5 | 5.9 | 5000 |
| 10109 | 1/2" x20 | 9.1 | 20.6 | 5.9 | 5000 |
| 10110 | 9/16" x18 | 9.0 | 21.4 | 5.9 | 5000 |
| 10119 | 3/4" x16 | 9.3 | 26.7 | 5.9 | 3000 |
| 10120 | 7/8" x14 | 9.2 | 29.8 | 6.2 | 2500 |
| 11000 | 1 1/16" x12 | 9.0 | 33.9 | 5.9 | 2000 |
| 11001 | 1 5/16" x12 | 9.4 | 40.3 | 6.0 | 1500 |

### BSP/Gas

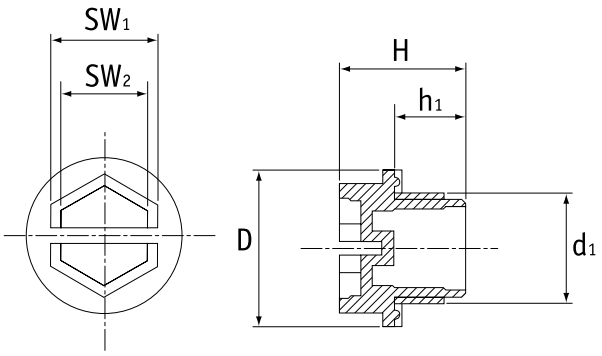
| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | H | D | h | |
| 10101 | 1/4" x19 | 9.2 | 20.5 | 6.0 | 5000 |
| 10102 | 3/8" x19 | 9.6 | 24.1 | 6.2 | 5000 |
| 10103 | 1/2" x14 | 9.2 | 30.4 | 6.1 | 3000 |
| 10105 | 5/8" x14 | 9.2 | 30.2 | 6.0 | 2500 |
| 10106 | 3/4" x14 | 9.1 | 34.0 | 6.1 | 2000 |
| 12613 | 3/4" x14 | 12.5 | 33.2 | 6.8 | 2000 |
| 10107 | 1" x11 | 9.0 | 40.2 | 5.7 | 1500 |
| 12614 | 1 1/4" x11 | 18.7 | 49.5 | 12.9 | 800 |

**SR 1007**

# Sealing Slottex Plugs

**Yellow Nylon 6**

- Double sealing ring on underside of flange provides positive sealing
- Quick and easy to fit using screwdriver, spanner, socket or allen key
- Can be tightened manually or with power tool
- Head designed not to trap liquid






## Metric Thread

| Part Number | Thread Size (d1) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | H | h | $SW_1$ | $SW_2$ | |
| 462836 | M8 x1 | 12.5 | 15.5 | 8.0 | 7.0 | 4.0 | 5000 |
| 462837 | M10 x1 | 14.5 | 16.5 | 9.0 | 9.0 | 6.0 | 5000 |
| 466973 | M12 x1 | 17.0 | 16.5 | 9.0 | 10.0 | 7.0 | 500 |
| 466974 | M10 x1.5 | 14.5 | 16.5 | 9.0 | 9.0 | 6.0 | 500 |
| 462838 | M12 x1.5 | 17.0 | 16.5 | 9.0 | 10.0 | 7.0 | 5000 |
| 462839 | M14 x1.5 | 19.0 | 17.5 | 10.0 | 13.0 | 10.0 | 5000 |
| 462840 | M16 x1.5 | 22.3 | 17.5 | 9.3 | 15.0 | 12.0 | 5000 |
| 462841 | M18 x1.5 | 24.0 | 17.5 | 10.0 | 17.0 | 14.0 | 3000 |
| 462842 | M20 x1.5 | 26.0 | 17.5 | 10.0 | 19.0 | 16.0 | 3000 |
| 462843 | M22 x1.5 | 28.0 | 17.5 | 10.0 | 21.0 | 18.0 | 3000 |
| 466975 | M24 x1.5 | 30.0 | 17.5 | 10.0 | 24.0 | 21.0 | 500 |
| 466976 | M26 x1.5 | 32.0 | 20.5 | 12.0 | 24.0 | 21.0 | 500 |
| 466977 | M27 x1.5 | 33.0 | 20.5 | 12.0 | 24.0 | 21.0 | 500 |
| 466978 | M28 x1.5 | 34.0 | 20.5 | 12.0 | 24.0 | 21.0 | 500 |
| 466979 | M30 x1.5 | 38.0 | 20.5 | 12.0 | 24.0 | 21.0 | 500 |
| 466980 | M32 x1.5 | 40.0 | 20.5 | 12.0 | 24.0 | 21.0 | 500 |
| 466981 | M36 x1.5 | 45.0 | 20.5 | 12.0 | 24.0 | 21.0 | 500 |
| 466982 | M38 x1.5 | 48.0 | 20.5 | 12.0 | 24.0 | 21.0 | 250 |
| 466983 | M45 x1.5 | 52.0 | 21.5 | 12.0 | 30.0 | 27.0 | 250 |
| 466984 | M52 x1.5 | 60.0 | 22.0 | 12.0 | 30.0 | 27.0 | 250 |
| 466985 | M27 x2 | 33.0 | 22.0 | 13.5 | 24.0 | 21.0 | 250 |
| 466986 | M30 x2 | 38.0 | 22.0 | 13.5 | 24.0 | 21.0 | 250 |
| 466987 | M33 x2 | 40.0 | 22.0 | 13.5 | 24.0 | 21.0 | 250 |
| 466988 | M36 x2 | 45.0 | 22.0 | 13.5 | 24.0 | 21.0 | 250 |
| 466989 | M42 x2 | 50.0 | 22.0 | 13.5 | 30.0 | 27.0 | 250 |
| 466990 | M45 x2 | 52.0 | 22.0 | 13.5 | 30.0 | 27.0 | 125 |
| 466991 | M48 x2 | 55.0 | 23.0 | 13.5 | 30.0 | 27.0 | 100 |
| 466992 | M252 x2 | 60.0 | 23.0 | 13.5 | 30.0 | 27.0 | 100 |

## UNF Thread

| Part Number | Thread Size (d1) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | H | h | $SW_1$ | $SW_2$ | |
| 466948 | 3/8" x24 | 16.0 | 17.5 | 10.0 | 9.0 | 6.0 | 5000 |
| 466949 | 7/16" x20 | 17.0 | 17.5 | 10.0 | 10.0 | 7.0 | 5000 |
| 466950 | 1/2" x20 | 19.0 | 17.5 | 10.0 | 13.0 | 10.0 | 3000 |
| 466951 | 9/16" x18 | 20.5 | 17.5 | 10.0 | 13.0 | 10.0 | 3000 |
| 466952 | 5/8" x18 | 22.0 | 17.5 | 10.0 | 15.0 | 12.0 | 3000 |
| 466953 | 3/4" x16 | 26.0 | 17.5 | 10.0 | 19.0 | 16.0 | 3000 |
| 466954 | 7/8" x14 | 28.5 | 19.5 | 12.0 | 21.0 | 18.0 | 3000 |
| 466955 | 1" x14 | 31.5 | 19.5 | 12.0 | 24.0 | 21.0 | 1000 |
| 466956 | 1 1/16" x12 | 33.0 | 19.5 | 12.0 | 24.0 | 21.0 | 1000 |
| 466957 | 1 3/16" x12 | 36.5 | 22.5 | 15.0 | 30.0 | 27.0 | 1000 |
| 466958 | 1 5/16" x12 | 40.0 | 22.5 | 15.0 | 30.0 | 27.0 | 1000 |
| 466959 | 1 5/8" x12 | 47.5 | 22.5 | 15.0 | 36.0 | 33.0 | 500 |
| 466960 | 1 7/8" x12 | 54.0 | 22.5 | 15.0 | 36.0 | 33.0 | 500 |

## BSP Thread

| Part Number | Thread Size (d1) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | H | $h_1$ | $SW_1$ | $SW_2$ | |
| 462882 | 1/8" x28 | 16.0 | 15.5 | 8.0 | 12.0 | 9.0 | 5000 |
| 462848 | 1/4" x19 | 19.0 | 17.5 | 10.0 | 13.0 | 10.0 | 5000 |
| 462849 | 3/8" x19 | 22.0 | 17.5 | 10.0 | 15.0 | 12.0 | 5000 |
| 462850 | 1/2" x14 | 27.0 | 19.5 | 12.0 | 19.0 | 16.0 | 3000 |
| 466993 | 5/8" x14 | 29.5 | 19.5 | 12.0 | 22.0 | 19.0 | 500 |
| 462851 | 3/4" x14 | 32.0 | 19.5 | 12.0 | 24.0 | 21.0 | 2000 |
| 462852 | 1" x11 | 40.0 | 22.5 | 15.0 | 30.0 | 27.0 | 1000 |
| 462853 | 1 1/4" x11 | 50.0 | 22.5 | 15.0 | 36.0 | 33.0 | 1000 |
| 466995 | 1 1/2" x11 | 56.0 | 24.0 | 15.0 | 41.0 | 37.0 | 250 |
| 466996 | 1 3/4" x11 | 62.0 | 24.0 | 15.0 | 50.0 | 46.0 | 250 |
| 466997 | 2" x11 | 68.0 | 24.0 | 15.0 | 55.0 | 51.0 | 100 |

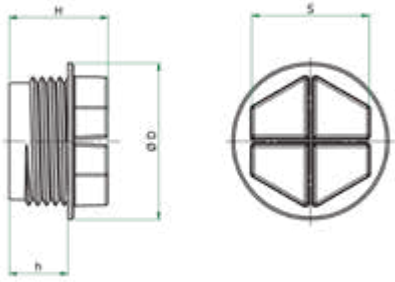
SR 1005

## Slottex Plugs

**Yellow HDPE**

- Can be applied or removed with screwdriver, spanner or socket; manually or with power tool






Metric

| Part Number | Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | H | h | S | |
| 110860 | M8 x 1 | 12.0 | 14.2 | 7.0 | 7.0 | 5000 |
| 110861 | M10 x 1 | 14.0 | 13.2 | 6.0 | 9.0 | 5000 |
| 110862 | M12 x 1 | 16.0 | 16.2 | 9.0 | 10.0 | 5000 |
| 110863 | M12 x 1.5 | 16.0 | 16.2 | 9.0 | 10.0 | 5000 |
| 110864 | M14 x1.5 | 19.0 | 16.2 | 9.0 | 13.0 | 5000 |
| 110865 | M16 x1.5 | 21.0 | 17.2 | 10.0 | 15.0 | 3000 |
| 110866 | M18 x1.5 | 24.0 | 18.2 | 10.0 | 17.0 | 3000 |
| 110867 | M20 x1.5 | 16.0 | 20.2 | 12.0 | 19.0 | 3000 |

BSP/Gas

| Part Number | Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | H | h | S | |
| 110868 | ⅛″ x28 | 14.0 | 16.2 | 9.0 | 9.0 | 5000 |
| 110869 | ¼″ x19 | 19.0 | 16.2 | 9.0 | 13.0 | 5000 |
| 110870 | ⅜″ x19 | 21.0 | 17.2 | 10.0 | 15.0 | 5000 |
| 110871 | ½″ x14 | 26.0 | 20.2 | 12.0 | 19.0 | 3000 |
| 110872 | ¾″ x14 | 32.0 | 20.2 | 12.0 | 24.0 | 2000 |
| 110873 | 1″ x11 | 40.0 | 20.2 | 12.0 | 30.0 | 1500 |
| 110874 | 1 ¼″ x11 | 49.0 | 20.2 | 12.0 | 36.0 | 800 |

SR 6112

## Anti-Vibration Plug

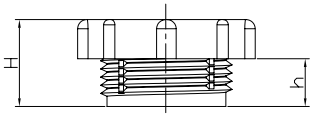
**Transparent LDPE**

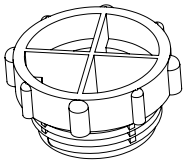
- Ideal for BSP hydraulic fittings
- Notched thread design prevents part coming loose due to vibration
- Transparent colour allows easy inspection of o-ring
- Plug keeps fitting tight against tube collar





| Part Number | To fit thread BSP | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | H | h | |
| 110826 | ¼″ x19 | 11.0 | 5.0 | 500 |
| 110827 | ⅜″ x19 | 12.8 | 6.8 | 500 |
| 110829 | ½″ x14 | 13.3 | 7.3 | 500 |
| 110828 | ⅝″ x14 | 16.5 | 10.5 | 500 |
| 110830 | ¾″ x14 | 15.6 | 9.6 | 500 |



RCL Series

## Long Threaded Connector Caps

**Red LDPE**

- Ideal for protecting longer threaded or cylindrical surfaces.
- They are used on hydraulic double threaded bulkhead fittings.
- Great for covering longer fittings.





| Part Number | To Fit Thread Size Inches | A mm | B mm | C mm | Std Pack Qty |
|---|---|---|---|---|---|
| RCL02 | 5/16 | 7.9 | 31.5 | 11.7 | 100/1000 |
| RCL03 | 3/8 | 9.4 | 31.5 | 13.2 | 100/1000 |
| RCL04 | 7/16 | 10.9 | 33.8 | 14.7 | 100/1000 |
| RCL05 | 1/2 | 12.5 | 33.8 | 16.3 | 100/1000 |
| RCL06 | 9/16 | 14.0 | 35.8 | 17.8 | 100/1000 |
| RCL08 | 3/4 | 18.8 | 39.6 | 22.4 | 100/1000 |
| RCL09 | M-20(.787) | 20.1 | 39.6 | 23.1 | 100/1000 |
| RCL10 | 7/8 | 21.9 | 43.2 | 25.7 | 100/1000 |
| RCL11 | - | 25.3 | 45.7 | 29.2 | 100/1000 |
| RCL12 | 1 1/16 | 26.7 | 48.0 | 30.2 | 100/1000 |
| RCL14 | 1 1/8 | 28.8 | 53.9 | 31.8 | 100/1000 |
| RCL16 | 1 5/16 | 33.0 | 48.0 | 36.6 | 100/1000 |
| RCL18 | - | 37.1 | 56.9 | 40.9 | 100/1000 |
| RCL20 | 1 5/8 | 40.9 | 48.8 | 44.7 | 100/1000 |
| RCL24 | 1 7/8 | 47.3 | 49.3 | 51.1 | 100/1000 |

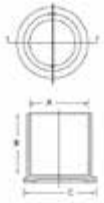
RC Series

## Threaded Connector Caps

**Red LDPE**

- Caps are ideal to cap both threaded and cylindrical surfaces.
- They are used throughout the automotive and air conditioning industries.





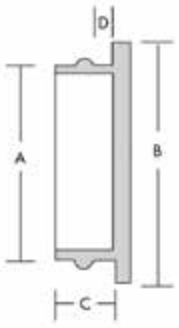
| Part Number | To Fit Thread Size Inches | A mm | B mm | C mm | Std Pack Qty |
|---|---|---|---|---|---|
| RC06 | 3/8 | 9.5 | 11.9 | 15.2 | 100/1000 |
| RC07 | 7/16 | 10.7 | 15.0 | 14.9 | 100/1000 |
| RC08 | 1/2 | 12.7 | 14.0 | 18.5 | 100/1000 |
| RC09 | 9/16 | 14.3 | 12.2 | 21.1 | 100/1000 |
| RC10 | 5/8 | 15.5 | 21.3 | 19.3 | 100/1000 |
| RC11 | 11/16 | 17.0 | 21.3 | 21.1 | 100/1000 |
| RC12 | 3/4 | 18.7 | 22.4 | 22.9 | 100/1000 |
| RC13 | 13/16 | 20.6 | 14.2 | 26.4 | 100/1000 |
| RC14 | 7/8 | 21.8 | 21.3 | 25.9 | 100/1000 |
| RC16 | 1 | 25.4 | 16.5 | 31.2 | 100/1000 |
| RC17 | 1 1/16 | 26.6 | 22.6 | 30.7 | 100/1000 |

SPD Series

## Snap In Plugs

**Red LDPE**






| Part Number | A mm | B mm | C mm | D mm | JIC mm | BSP mm | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| SPD095 | 9.5 | 17.5 | 5.3 | 2.6 | 7/16 | 1/8 | 1000 |
| SPD125 | 12.7 | 21.1 | 7.7 | 5.4 | 9/16 | 1/4 | 1000 |
| SPD175 | 17.2 | 23.3 | 7.5 | 4.2 | 3/4 | 3/8 | 1000 |
| SPD200 | 20.6 | 28.2 | 10.2 | 8.2 | 7/8 | | 1000 |
| SPD245 | 24.3 | 34.3 | 12.7 | 7.2 | 1-1/16 | 3/4 | 1000 |
| SPD310 | 30.5 | 36.5 | 14.2 | 9.6 | 1-5/16 | 1 | 1000 |

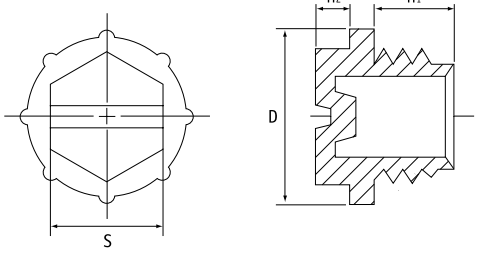
## Open Slottex Plugs

**Blue HDPE**

- Can be applied or removed by spanner, screwdriver or socket; manually or with power tool



| Part Number | Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | $h_1$ | $h_2$ | S | |
| B-3 | 7/16″ -20 | 15.8 | 7.6 | 4.6 | 10.9 | 11000 |
| B-4 | 1/2″ -20 | 12.3 | 9.1 | 4.6 | 12.7 | 7500 |
| B-5 | 9/16″ -18 | 19.1 | 9.7 | 4.6 | 12.7 | 6000 |
| B-6 | 5/8″ -18 | 20.6 | 8.9 | 4.6 | 14.2 | 5000 |
| B-7 | 3/4″ -16 | 23.9 | 11.2 | 4.8 | 17.3 | 3500 |
| B-8 | 7/8″ -14 | 26.9 | 12.7 | 6.1 | 19.1 | 2100 |
| B-9 | 1″ -14 | 30.0 | 10.9 | 6.4 | 19.1 | 2000 |
| B-10 | 1 1/16″ -14 | 33.3 | 16.4 | 6.4 | 22.1 | 1200 |




**TP Series**

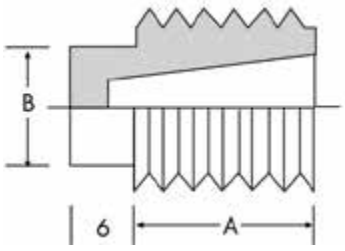
## Flat-Faced Threaded Plug

**Red or Black HDPE**

- Fully formed male threaded plug to suit BSP pipe threads.



| Part Number | Thread Sizes | A mm | B mm | Colour | Std Pack Qty |
|---|---|---|---|---|---|
| TP18 | 1/8" NPT | 11.1 | 7.1 | Red | 100/1000 |
| TP28 | 1/4" BSP | 11.9 | 7.9 | Black | 100/1000 |
| TP38 | 3/8" NPT | 14.3 | 11.1 | Red | 100/1000 |
| TP48 | 1/2" BSP | 13.5 | 12.7 | Black | 100/1000 |
| TP68 | 3/4" BSP | 16.7 | 17.5 | Black | 100/1000 |
| TP88 | 1" BSP | 19.8 | 22.2 | Black | 100/1000 |



SP Series

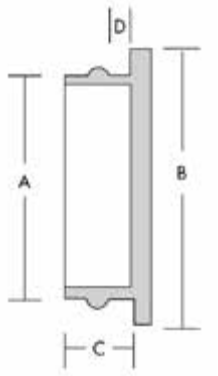
## Snap In Plugs

**Red LDPE**

- SP Series plugs “snap” into female threads such as those used in the hydraulic industry.
- There are sizes to suit JIC, BSP and some metric threads.



| Part Number | A mm | B mm | C mm | D mm | JIC Threads | BSP Threads | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| SP095 | 9.7 | 14.3 | 4.5 | 2.4 | 7/16 | 1/8 | 100/1000 |
| SP113 | 11.3 | 14.2 | 4.1 | 1.2 | | | 100/1000 |
| SP115 | 11.6 | 14.2 | 4.5 | 2.5 | | 1/4 | 100/1000 |
| SP120 | 11.4 | 14.2 | 4.4 | 1.0 | | | 100/1000 |
| SP125 | 12.7 | 15.8 | 6.3 | 2.5 | 9/16 | | 100/1000 |
| SP150 | 15.2 | 17.4 | 4.0 | 2.0 | | 3/8 | 100/1000 |
| SP175 | 17.1 | 20.6 | 5.8 | 2.4 | 3/4 | | 100/1000 |
| SP185 | 18.5 | 22.2 | 5.5 | 3.0 | | 1/2 | 100/1000 |
| SP200 | 20.0 | 27.5 | 7.2 | 3.0 | 7/8 | | 100/1000 |
| SP215 | 21.5 | 25.0 | 5.8 | 2.1 | | | 100/1000 |
| SP245 | 24.4 | 28.5 | 6.3 | 3.1 | 1-1/16 | 3/4 | 100/1000 |
| SP250 | 25.1 | 28.5 | 5.9 | 2.4 | | | 100/1000 |
| SP310 | 30.9 | 34.9 | 6.0 | 3.0 | 1-5/16 | 1 | 100/1000 |
| SP385 | 38.7 | 44.4 | 9.0 | 3.6 | 1-5/8 | 1-1/4 | 100/1000 |
| SP450 | 44.4 | 50.4 | 8.5 | 3.5 | 1-7/8 | 1-1/2 | 100/1000 |
| SP570 | 56.5 | 65.0 | 10.4 | 4.3 | | 2 | 100/1000 |




EP Series

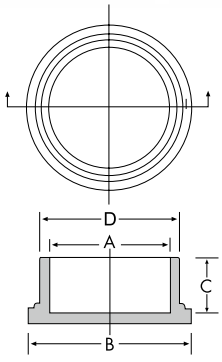
## Connector Plugs

**Yellow LDPE**

- EP SERIES plugs serve as dust and protective closures for threaded and bayonet-type connectors.



| Part Number | To Fit Thread Size Inches | Metric A mm | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|---|
| EP10 | 5/8–24 | 15.1 | 19.1 | 16.0 | 13.5 | 100/1000 |
| EP14 | 7/8–20 | 21.5 | 26.2 | 16.0 | 20.1 | 100/1000 |
| EP18 | 1 1/8–18 | 27.6 | 31.8 | 16.0 | 26.2 | 100/1000 |
| EP20 | 1 1/4–18 | 30.9 | 35.6 | 16.0 | 29.2 | 100/1000 |
| EP22 | 1 3/8–18 | 34.0 | 38.1 | 16.0 | 32.3 | 100/1000 |
| EP25 | 1 5/8–16 | 40.1 | 46.0 | 16.0 | 39.1 | 100/1000 |
| EP28 | 1 3/4–18 | 43.6 | 47.5 | 16.0 | 42.7 | 100/1000 |
| EP32 | 2–18 | 50.0 | 54.1 | 16.0 | 48.0 | 100/1000 |
| EP36 | 2 1/4–16 | 56.1 | 59.4 | 16.0 | 54.4 | 100/1000 |



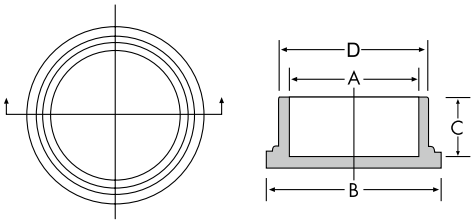
EC Series

## Connector Caps

**Red LDPE**

- EC SERIES are designed for easy application and removal on threaded and smooth connectors.
- The flange makes installation possible in hard to reach places.






| Part Number | To Fit Thread Size | A mm | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|---|
| EC04 | 1/4 | 6.3 | 12.2 | 12.7 | 7.9 | 100/1000 |
| EC05 | 5/16 | 7.9 | 14.0 | 14.2 | 9.4 | 100/1000 |
| EC06 | 3/8 | 9.5 | 15.8 | 12.7 | 10.9 | 100/1000 |
| EC08 | 1/2 | 12.7 | 18.5 | 12.7 | 13.7 | 100/1000 |
| EC09 | 9/16 | 14.3 | 19.8 | 11.2 | 15.5 | 100/1000 |
| EC10 | 5/8 | 15.9 | 21.3 | 12.7 | 16.9 | 100/1000 |
| EC12 | 3/4 | 18.3 | 24.6 | 12.7 | 19.7 | 100/1000 |
| EC14 | 7/8 | 22.2 | 27.9 | 12.7 | 22.9 | 100/1000 |
| EC16 | 1 | 25.4 | 30.5 | 12.7 | 26.3 | 100/1000 |
| EC18 | 1 1/8 | 27.7 | 33.8 | 14.2 | 29.3 | 100/1000 |
| EC19 | 1 3/16 | 29.7 | 35.6 | 14.2 | 31.2 | 100/1000 |
| EC20 | 1 1/4 | 31.3 | 31.1 | 14.2 | 33.1 | 100/1000 |
| EC22 | 1 3/8 | 34.9 | 40.4 | 14.2 | 35.8 | 100/1000 |
| EC23 | 1 7/16 | 36.3 | 41.9 | 14.2 | 37.1 | 100/1000 |
| EC24 | 1 1/2 | 37.2 | 43.2 | 14.2 | 38.9 | 100/1000 |
| EC25 | 1 9/16 | 39.3 | 43.9 | 12.7 | 40.4 | 100/1000 |
| EC26 | 1 5/8 | 41.0 | 48.5 | 14.2 | 43.4 | 100/1000 |
| EC28 | 1 3/4 | 43.6 | 49.5 | 14.2 | 45.5 | 100/1000 |
| EC32 | 2 | 49.9 | 56.4 | 14.2 | 51.8 | 100/1000 |
| EC36 | 2 1/4 | 56.3 | 61.7 | 15.7 | 58.2 | 100/1000 |
| EC40 | 2 1/2 | 62.3 | 68.1 | 15.7 | 64.0 | 100/1000 |
| EC44 | 2 3/4 | 69.1 | 75.2 | 15.7 | 71.4 | 100/1000 |
| EC48 | 3 | 75.2 | 82.0 | 15.2 | 77.5 | 100/1000 |
| EC64 | 4 | 100.1 | 105.7 | 25.4 | 101.6 | 100/1000 |

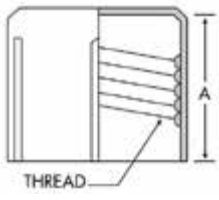
600 Series

## Threaded BSP Caps

**Red LDPE**

- 600 SERIES caps have a half formed thread to enable them to screw on to male BSP fittings.
- They are used where a positive fit and easy removal is required, or when re-use is necessary.






| Part Number | Thread | A mm | Std Pack Qty |
|---|---|---|---|
| 600 | 1/8" BSP | 10.0 | 100/1000 |
| 601 | 1/4" BSP | 10.5 | 100/1000 |
| 602 | 3/8" BSP | 15.5 | 100/1000 |
| 603 | 1/2" BSP | 21.2 | 100/1000 |
| 604 | 3/4" BSP | 22.0 | 100/1000 |
| 605 | 1" BSP | 26.0 | 100/1000 |

PD Series

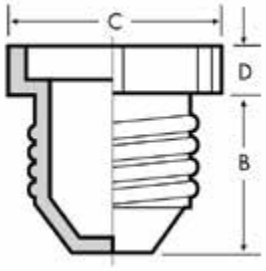
## Flared Threaded Plugs

**Red LDPE**

- Designed for use on flared fittings, JIC and UNF threads.
- They will seal low pressure requirements with light finger tightening.



| Part Number | To Fit Tube Size | To Fit Thread Size | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|---|
| TE1000A | 1/8 | 5/16-24 | 11.2 | 11.2 | 4.57 | 100/1000 |
| TE1005A | 3/16 | 3/8-24 | 11.7 | 12.7 | 4.57 | 100/1000 |
| PD040 | 1/4 | 7/16-20 | 13.5 | 15.75 | 4.83 | 100/1000 |
| PD050 | 5/16 | 1/2-20 | 13.5 | 17.27 | 6.35 | 100/1000 |
| PD060 | 3/8 | 9/16-18 | 12.70 | 20.57 | 6.35 | 100/1000 |
| PD065 | 3/8 | 5/8-18 | 14.99 | 20.57 | 6.35 | 100/1000 |
| PD080 | 1/2 | 3/4-18 | 19.05 | 23.88 | 6.35 | 100/1000 |
| PD100 | 5/8 | 7/8-14 | 22.10 | 26.93 | 6.35 | 100/1000 |
| PD120 | 3/4 | 1 1/16-12 | 22.61 | 31.75 | 6.35 | 100/1000 |
| TE1045A | 3/4 | 1 1/16-14 | 28.5 | 33.28 | 6.35 | 100/1000 |
| TE1050A | 7/8 | 1 3/16–12 | 23.6 | 35.56 | 6.35 | 100/1000 |
| PD160 | 1 | 1 5/16–12 | 23.6 | 38.10 | 6.35 | 100/1000 |
| TE1060A | – | 1 1/2–12 | 23.6 | 44.45 | 6.35 | 100/1000 |
| PD200 | 1 1/4 | 1 5/8–12 | 23.62 | 50.80 | 6.35 | 100/1000 |
| TE1070A | – | 1 3/4–12 | 24.1 | 55.63 | 6.35 | 100/1000 |
| TE1075A | 1 1/2 | 1 7/8–12 | 29.2 | 58.68 | 7.87 | 100/1000 |
| TE1080A | 1 3/4 | 2 1/4–12 | 33.3 | 66.80 | 7.87 | 100/1000 |
| TE1085A | 2 | 2 1/2–12 | 33.3 | 74.68 | 7.87 | 100/1000 |




PDI Series

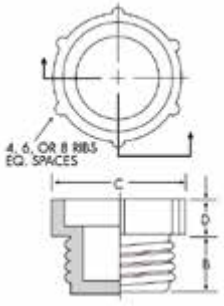
## Plugs For Inverted Fittings

**Red LDPE**

- Made for use on inverted flared fittings.
- Knurled for ease of application, they will seal with light finger tightening.
- PDI will seal boss type fittings without gaskets.



| Part Number | To Fit Tube Size | To Fit Thread Size | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|---|
| PDI021 | 1/8 | 5/16–28 | 5.59 | 11.2 | 4.83 | 100/1000 |
| PDI031 | 3/16 | 3/8–24 | 6.35 | 12.7 | 4.83 | 100/1000 |
| PDI041 | 1/4 | 7/16–24 | 6.86 | 16.0 | 4.83 | 100/1000 |
| PDI051 | 5/16 | 1/2–20 | 7.11 | 17.5 | 6.35 | 100/1000 |
| PDI066 | 3/8 | 5/8–18 | 7.87 | 20.6 | 6.35 | 100/1000 |
| PDI069 | – | 11/16–18 | 7.87 | 22.1 | 6.35 | 100/1000 |
| PDI081 | 1/2 | 3/4–18 | 9.65 | 22.1 | 6.35 | 100/1000 |
| PDI122 | 3/4 | 1 1/16–16 | 10.92 | 30.2 | 6.35 | 100/1000 |



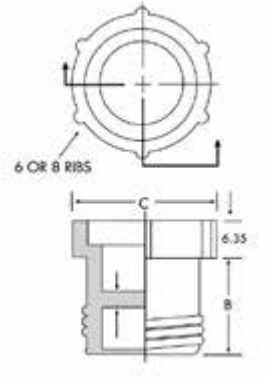
PDE Series

## Flareless Nut & Tube Plugs

**Red LDPE**

- Designed to fit MS-21921 tube and nut assemblies.
- Can be applied by light finger tightening.






| Part Number | To Fit Tube Size | To Fit Thread | B mm | C mm | Std Pack Qty |
|---|---|---|---|---|---|
| PDE03 | 3/16 | 3/8–24 | 8.89 | 12.7 | 100/1000 |
| PDE04 | 1/4 | 7/16–20 | 10.16 | 14.2 | 100/1000 |
| PDE05 | 5/16 | 1/2–20 | 11.68 | 16.0 | 100/1000 |
| PDE06 | 3/8 | 9/16–18 | 12.19 | 17.2 | 100/1000 |
| PDE08 | 1/2 | 3/4–16 | 13.72 | 22.1 | 100/1000 |
| PDE10 | 5/8 | 7/8–14 | 15.75 | 25.4 | 100/1000 |
| PDE12 | 3/4 | 1 1/16–12 | 16.26 | 31.7 | 100/1000 |
| PDE16 | 1 | 1 5/16–12 | 18.29 | 38.1 | 100/1000 |

CD Series

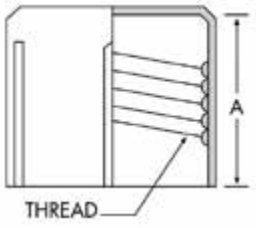
## Threaded UN (JIC)

**Red LDPE**

- Protect UN (JIC) threads against mechanical damage and also seal out dirt and moisture.
- Easy to use knurled grip insures a tight fit.
- Great for masking or protection during a secondary process, eg. painting, dipping etc.



| Part Number | Tube Size | Thread Size | A mm | Std Pack Qty |
|---|---|---|---|---|
| CD03 | 3/16 | 3/8-34 | 11.94 | 100/1000 |
| CD04 | 1/4 | 7/16-20 | 11.94 | 100/1000 |
| CD05 | 5/16 | 1/2-20 | 11.94 | 100/1000 |
| CD06K | 3/8 | 9/16-18 | 13.46 | 100/1000 |
| CD08 | 1/2 | 3/4-16 | 14.48 | 100/1000 |
| CD10 | 5/8 | 7/8-14 | 17.27 | 100/1000 |
| CD12 | 3/4 | 1 1/6-12 | 19.05 | 100/1000 |
| CD16 | 1 5/16 | 1 5/16-12 | 22.2 | 100/1000 |
| CD18 | – | 1 1/2-12 | 19.05 | 100/1000 |
| CD20 | 1 1/4 | 1 5/8-12 | 23.11 | 100/1000 |
| CD22 | – | 1 3/4-12 | 23.88 | 100/1000 |
| CD24 | 1/2 | 1 7/8-12 | 25.4 | 100/1000 |



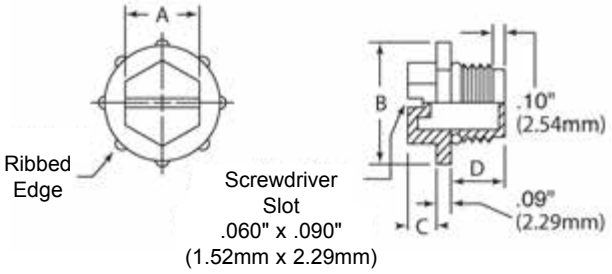
SR 5762

## UNF Standard Threaded Plugs

**Polypropylene - Yellow / Black**

- Can be applied or removed by hand, hex wrench or screwdriver
- Optional O-ring gives this part a water tight seal for superior leakage protection






| Part Number | Part Number w/O-ring | To Fit Thread Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | |
| BL3A | BL3L | 7/16" x 20 | 10.9 | 15.8 | 4.57 | 9.91 | 10000 |
| BL4A * | BL4B * | 1/2" x 13 | 12.7 | 17.5 | 7.14 | 10.41 | 6000 |
| BL5A | BL5K | 9/16" x 18 | 12.7 | 19.1 | 4.57 | 10.67 | 6000 |
| BL7A | BL7J | 3/4" x 16 | 17.3 | 23.9 | 4.83 | 13.21 | 3000 |
| BL8A | BL8H | 7/8" x 14 | 19.1 | 26.9 | 6.1 | 14.22 | 2100 |
| BL10A | BL10I | 1 1/16" x 12 | 22.1 | 33.3 | 6.35 | 16.76 | 1200 |
| BL11A | BL11D | 1 3/16" x 12 | 25.4 | 38.1 | 7.62 | 17.78 | 850 |
| BL12A | BL12H | 1 5/16" x 12 | 27.18 | 40.89 | 7.37 | 17.78 | 700 |
| BL13A | BL13D | 1 5/8" x 12 | 28.58 | 42.75 | 7.62 | 19.56 | 1000 |
| BL14A | BL14C | 1 7/8" x 12 | 38.1 | 53.98 | 7.62 | 19.05 | 700 |

*Available in black, UNC thread.

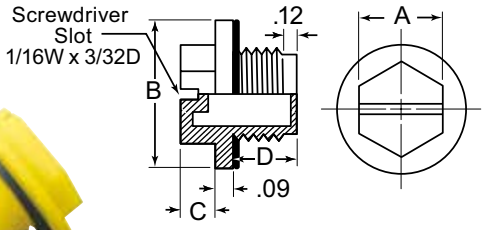
SR 5761

## UNF Standard Threaded Wide Flange Plugs

**Plug - Yellow Nylon**
**Gasket - Black Nitrile**

- The wide flange design keeps any paint flakes away from the hole when removed
- The nylon material absorbs paint keeping paint flakes to a minimum
- The nitrile gasket seals the plug to the mating surface for a watertight seal
- Can be applied or removed by hand, screwdriver or with a torque wrench
- Nylon is recommended for intermittent temperatures up to 230°F (110°C) to -40°F (-40°C)





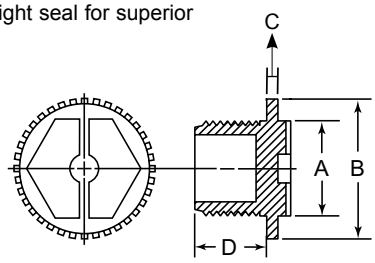

| Part Number | To Fit Thread Size | A | | B | | C | | D | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | mm | In | mm | In | mm | In | mm | | |
| BLWF100A | 7/16"-20 | 0.500 | 12.70 | 0.775 | 19.69 | 0.180 | 4.57 | 0.390 | 9.91 | 1 | 5000 |
| BLWF105A | 1/2"-20 | 0.500 | 12.70 | 0.853 | 21.67 | 0.180 | 4.57 | 0.405 | 10.29 | 1 | 5000 |
| BLWF110A | 9/16"-18 | 0.500 | 12.70 | 0.917 | 23.29 | 0.180 | 4.57 | 0.420 | 10.67 | 1 | 2500 |
| BLWF115A | 3/4"-16 | 0.750 | 19.05 | 1.130 | 28.70 | 0.190 | 4.83 | 0.520 | 13.21 | 1 | 2500 |
| BLWF120A | 7/8"-14 | 0.750 | 19.05 | 1.284 | 32.61 | 0.240 | 6.10 | 0.560 | 14.22 | 1 | 2500 |
| BLWF125A | 1-1/16"-12 | 1.000 | 25.40 | 1.577 | 40.06 | 0.250 | 6.35 | 0.660 | 16.76 | 1 | 1000 |
| BLWF130A | 1-3/16"-12 | 1.000 | 25.40 | 1.722 | 43.74 | 0.300 | 7.62 | 0.700 | 17.78 | 1 | 1000 |
| BLWF135A | 1-5/16"-12 | 1.000 | 25.40 | 1.867 | 47.42 | 0.290 | 7.37 | 0.700 | 17.78 | 1 | 1000 |
| BLWF140A | 1-5/8"-12 | 1.125 | 28.57 | 2.217 | 56.31 | 0.300 | 7.62 | 0.770 | 19.56 | 1 | 500 |
| BLWF145A | 1-7/8"-12 | 1.500 | 38.10 | 2.507 | 63.68 | 0.300 | 7.62 | 0.750 | 19.05 | 1 | 500 |

PFP Series

## NPT Threaded Plugs (O-Ring Optional)

**Black HDPE**

- Unique head design allows the user to apply or remove this plug by hand or with a 12 point socket head, screwdriver or wrench
- Used to protect NPT threaded ports
- Optional O-ring gives this part a watertight seal for superior leakage protection





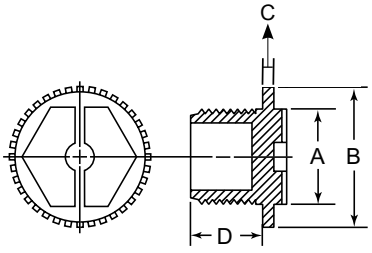

| Part Number | Part Number w/ O-Ring | To Fit NPT Thread Size | A | | B | | C | | D | | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | In | mm | In | mm | In | mm | In | mm | |
| PFP1/8A | PFP1/8B | 1/8" NPT | 0.348 | 8.84 | 0.560 | 14.22 | 0.250 | 6.35 | 0.250 | 6.35 | 5000 |
| PFP1/4A | PFP1/4B | 1/4" NPT | 0.489 | 12.42 | 0.740 | 18.80 | 0.310 | 7.87 | 0.310 | 7.87 | 5000 |
| PFP3/8A | PFP3/8B | 3/8" NPT | 0.562 | 14.27 | 0.850 | 21.59 | 0.320 | 8.13 | 0.350 | 8.89 | 5000 |
| PFP1/2A | PFP1/2B | 1/2" NPT | 0.705 | 17.91 | 1.040 | 26.42 | 0.320 | 8.13 | 0.500 | 12.70 | 3000 |
| PFP3/4A | PFP3/4B | 3/4" NPT | 0.987 | 25.07 | 1.310 | 33.27 | 0.320 | 8.13 | 0.630 | 16.00 | 1500 |
| PFP1A | PFP1B | 1" NPT | 1.130 | 28.70 | 1.530 | 38.86 | 0.320 | 8.13 | 0.630 | 16.00 | 1000 |

PFP Nylon Series

## NPT Threaded Nylon Plugs (O-Ring Optional)

**Natural Nylon**

- Unique head design allows the user to apply or remove this plug by hand or with a 12 point socket head, screwdriver or wrench
- Used to protect NPT threaded ports
- Optional O-ring gives this part a watertight seal for superior leakage protection
- Recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than HDPE. Nylon is recommended for intermittent temperatures of 230°F (110°C) to -40°F (-40°C)






| Part Number | Part Number w/ O-Ring | To Fit NPT Thread Size | A | | B | | C | | D | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | In | mm | In | mm | In | mm | In | mm | | |
| PFP1/8C | PFP1/8D | 1/8" NPT | 0.348 | 8.84 | 0.560 | 14.22 | 0.250 | 6.35 | 0.250 | 6.35 | 1 | 5000 |
| PFP1/4C | PFP1/4D | 1/4" NPT | 0.489 | 12.42 | 0.740 | 18.80 | 0.310 | 7.87 | 0.310 | 7.87 | 1 | 5000 |
| PFP3/8C | PFP3/8D | 3/8" NPT | 0.562 | 14.27 | 0.850 | 21.59 | 0.320 | 8.13 | 0.350 | 8.89 | 1 | 5000 |
| PFP1/2C | PFP1/2D | 1/2" NPT | 0.705 | 17.91 | 1.040 | 26.42 | 0.320 | 8.13 | 0.500 | 12.70 | 1 | 3000 |
| PFP3/4C | PFP3/4D | 3/4" NPT | 0.987 | 25.07 | 1.310 | 33.27 | 0.320 | 8.13 | 0.630 | 16.00 | 1 | 1500 |
| PFP1C | PFP1D | 1" NPT | 1.130 | 28.70 | 1.530 | 38.86 | 0.320 | 8.13 | 0.630 | 16.00 | 1 | 1000 |

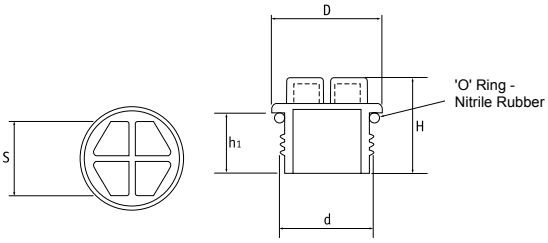
SR 1125

# O-Ring Threaded Plugs

**Yellow HDPE**

- Can be applied or removed by spanner, screwdriver or socket; manually or with power tool






## Metric

| Part Number | Thread Size(d1) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | H | $h_1$ | S | |
| 498659 | M8 x1 | 12.5 | 17.0 | 10.0 | 6.0 | 500 |
| 498660 | M10 x1 | 14.5 | 17.2 | 10.0 | 7.0 | 500 |
| 498661 | M12 x1 | 17.0 | 17.2 | 10.0 | 10.0 | 500 |
| 498662 | M10 x1.5 | 14.5 | 19.2 | 12.0 | 7.0 | 500 |
| 498663 | M12 x1.5 | 17.0 | 19.2 | 12.0 | 10.0 | 500 |
| 498664 | M14 x1.5 | 22.0 | 19.2 | 12.0 | 10.0 | 500 |
| 498540 | M16 x1.5 | 24.0 | 20.4 | 12.0 | 13.0 | 500 |
| 498541 | M18 x1.5 | 24.0 | 20.4 | 12.0 | 13.0 | 500 |
| 498542 | M20 x1.5 | 26.0 | 20.4 | 12.0 | 15.0 | 250 |
| 498665 | M22 x1.5 | 28.0 | 20.4 | 12.0 | 15.0 | 250 |
| 498543 | M24 x1.5 | 30.0 | 20.4 | 12.0 | 17.0 | 250 |
| 498544 | M26 x1.5 | 32.0 | 20.6 | 12.0 | 19.0 | 250 |
| 498545 | M28 x1.5 | 34.0 | 20.4 | 12.0 | 19.0 | 250 |
| 498546 | M30x1.5 | 38.0 | 20.6 | 12.0 | 22.0 | 250 |
| 498547 | M32 x1.5 | 40.0 | 20.6 | 12.0 | 24.0 | 250 |
| 498666 | M36 x1.5 | 45.0 | 20.6 | 12.0 | 24.0 | 100 |
| 498667 | M38 x1.5 | 48.0 | 20.6 | 12.0 | 24.0 | 100 |
| 498668 | M27 x2.0 | 33.0 | 20.6 | 15.0 | 19.0 | 250 |
| 498548 | M30 x2.0 | 38.0 | 20.6 | 15.0 | 22.0 | 250 |
| 498549 | M33 x2.0 | 40.0 | 20.6 | 15.0 | 24.0 | 250 |
| 498550 | M36 x2.0 | 45.0 | 20.6 | 15.0 | 24.0 | 100 |
| 498669 | M42x2.0 | 50.0 | 20.6 | 15.0 | 24.0 | 100 |
| 498551 | M45 x2.0 | 52.0 | 25.0 | 15.0 | 30.0 | 100 |
| 498670 | M48 x2.0 | 55.0 | 25.0 | 15.0 | 30.0 | 100 |
| 498671 | M52 x2.0 | 60.0 | 25.0 | 15.0 | 30.0 | 100 |

## UNF

| Part Number | Thread Size(d1) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | H | $h_1$ | S | |
| 498672 | 3/8" x24 | 14.0 | 17.2 | 10.0 | 7.0 | 500 |
| 498673 | 7/16" x20 | 16.0 | 19.7 | 12.5 | 10.0 | 500 |
| 498674 | 1/2" x20 | 19.0 | 20.9 | 12.5 | 10.0 | 500 |
| 498675 | 9/16" x18 | 21.0 | 20.9 | 12.5 | 10.0 | 500 |
| 498552 | 5/8" x18 | 22.0 | 20.9 | 12.5 | 13.0 | 500 |
| 498676 | 3/4" x16 | 27.0 | 21.9 | 13.5 | 13.0 | 500 |
| 498677 | 7/8" x14 | 28.0 | 21.9 | 13.5 | 15.0 | 250 |
| 498553 | 1" x14 | 31.0 | 22.1 | 13.5 | 17.0 | 250 |
| 498554 | 1 1/16" x12 | 35.0 | 22.6 | 14.0 | 19.0 | 250 |
| 498678 | 1 3/16" x12 | 38.0 | 22.6 | 14.0 | 22.0 | 250 |
| 498555 | 1 5/16" x12 | 42.0 | 24.0 | 14.0 | 24.0 | 250 |
| 498679 | 1 5/8" x12 | 50.0 | 24.0 | 14.0 | 24.0 | 100 |
| 498680 | 1 7/8" x12 | 55.0 | 24.0 | 14.0 | 30.0 | 100 |

## BSP

| Part Number | Thread Size(d1) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | H | $h_1$ | S | |
| 498681 | 1/8" x28 | 16.0 | 17.2 | 10.0 | 7.0 | 500 |
| 498682 | 1/4" x19 | 19.0 | 19.7 | 12.5 | 10.0 | 500 |
| 498683 | 3/8" x19 | 22.0 | 20.9 | 12.5 | 13.0 | 500 |
| 498556 | 1/2" x14 | 27.0 | 21.9 | 13.5 | 15.0 | 500 |
| 498557 | 5/8" x14 | 29.5 | 21.9 | 13.5 | 17.0 | 500 |
| 498558 | 3/4" x14 | 32.0 | 21.9 | 13.5 | 19.0 | 250 |
| 498559 | 7/8" x14 | 37.0 | 21.9 | 13.5 | 22.0 | 250 |
| 498684 | 1" x11 | 40.0 | 23.6 | 15.0 | 24.0 | 250 |
| 498685 | 1 1/4" x11 | 50.0 | 23.6 | 15.0 | 24.0 | 250 |
| 498686 | 1 1/2" x11 | 56.0 | 25.0 | 15.0 | 30.0 | 100 |
| 498687 | 1 3/4" x11 | 62.0 | 25.0 | 15.0 | 36.0 | 100 |
| 498688 | 2" x11 | 68.0 | 25.0 | 15.0 | 36.0 | 100 |

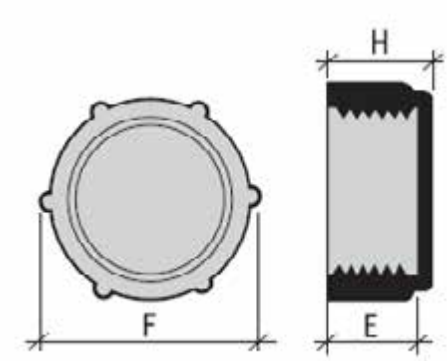
F-0015

# Short Thread Protective Cover

NEW

## Yellow HDPE

- Short protective caps prevent dust, dirt from contaminating threads during assembly, transport, storage and spraying.
- Suitable for protection of BSP, UNF and metric threads.
- Working temperature: minimum -30°C, maximum 80°C.






| Part Number | Adaptive Thread BSP/ GAS | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | E | H | F | |
| 9101000 | 1/8"x28 | 10.0 | 13.0 | 15.0 | 1000 |
| 9102000 | 1/4"x19 | 11.0 | 12.5 | 19.0 | 1000 |
| 9103000 | 3/8"x19 | 11.5 | 12.5 | 23.0 | 1000 |
| 9104000 | 1/2"x14 | 12.0 | 13.5 | 27.0 | 1000 |
| 9105000 | 5/8"x14 | 12.5 | 14.0 | 29.0 | 500 |
| 9106000 | 3/4"x14 | 14.5 | 15.0 | 34.0 | 500 |
| 9107000 | 7/8"x14 | 15.5 | 17.0 | 38.0 | 500 |
| 9108000 | 1"x11 | 18.0 | 20.0 | 40.0 | 250 |
| 9109000 | 1¼"x11 | 23.5 | 25.0 | 49.0 | 250 |
| 9110000 | 1¼"x11 | 16.0 | 18.0 | 48.0 | 250 |
| 9111000 | 1½"x11 | 27.0 | 28.0 | 55.0 | 100 |
| 9111500 | 1¾"x11 | 26.0 | 27.5 | 59.0 | 100 |
| 9112000 | 2"x11 | 26.5 | 28.5 | 67.0 | 100 |

| Part Number | Adaptive Thread UNF | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | E | H | F | |
| 9301000 | 1/2"x20 | 12.5 | 14.5 | 20.0 | 1000 |
| 9302000 | 9/16"x18 | 13.0 | 15.0 | 21.0 | 1000 |
| 9303000 | 5/8"x18 | 16.5 | 18.0 | 21.0 | 500 |
| 9304000 | 11/16"x16 | 16.5 | 19.0 | 24.0 | 500 |
| 9305000 | 11/16"x16 | 8.5 | 10.0 | 23.0 | 500 |
| 9305500 | 13/16"x16 | 20.0 | 22.0 | 27.0 | 500 |
| 9306000 | 3/4"x16 | 17.0 | 19.0 | 25.0 | 500 |
| 9307000 | 7/8"x14 | 18.0 | 20.0 | 29.0 | 500 |
| 9307500 | 15/16"x16 | 20.0 | 22.0 | 30.0 | 500 |
| 9308000 | 1 1/16"x12 | 21.0 | 23.0 | 32.0 | 250 |
| 9309000 | 1 3/16"x12 | 21.0 | 23.0 | 36.5 | 250 |
| 9310000 | 1 3/8"x12 | 14.0 | 16.0 | 41.0 | 250 |

| Part Number | Adaptive Thread | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | E | H | F | |
| 9001000 | M8x1 | 8.0 | 10.0 | 12.0 | 1000 |
| 9002000 | M10x1 | 10.0 | 12.0 | 15.0 | 1000 |
| 9003000 | M12x1 | 10.5 | 12.5 | 17.0 | 1000 |
| 9004000 | M12x1.5 | 10.5 | 12.5 | 17.5 | 1000 |
| 9005000 | M14x1.5 | 10.5 | 13.0 | 19.0 | 1000 |
| 9006000 | M16x1 | 8.1 | 11.0 | 22.0 | 1000 |
| 9007000 | M16x1.5 | 11.0 | 12.2 | 22.0 | 1000 |
| 9008000 | M18x1.5 | 10.5 | 13.0 | 24.5 | 1000 |
| 9009000 | M20x1.5 | 11.0 | 13.5 | 26.0 | 500 |
| 9010000 | M22x1.5 | 12.0 | 14.0 | 28.0 | 500 |
| 9011000 | M24x1.5 | 12.0 | 13.5 | 29.5 | 500 |
| 9012000 | M25x1.5 | 12.0 | 13.5 | 31.0 | 500 |
| 9013000 | M26x1.5 | 12.5 | 14.5 | 33.0 | 500 |
| 9014000 | M27x1.5 | 13.0 | 15.0 | 34.0 | 500 |
| 9014100 | M29x1.5 | 13.0 | 15.2 | 35.5 | 500 |
| 9015000 | M30x1.5 | 13.0 | 15.0 | 36.0 | 250 |
| 9016000 | M32x1.5 | 13.0 | 15.0 | 39.0 | 250 |
| 9017000 | M36x1.5 | 14.5 | 16.0 | 42.5 | 250 |
| 9018000 | M38x1.5 | 15.0 | 17.0 | 44.0 | 250 |
| 9019000 | M40x1.5 | 15.0 | 17.0 | 46.0 | 250 |
| 9020000 | M45x1.5 | 16.0 | 18.0 | 52.0 | 250 |
| 9021000 | M50x1.5 | 17.0 | 18.5 | 57.0 | 100 |
| 9022000 | M52x1.5 | 17.0 | 19.0 | 59.0 | 100 |
| 9023000 | M55x1.5 | 17.0 | 18.5 | 61.0 | 100 |
| 9024000 | M62x1.5 | 17.0 | 19.0 | 69.0 | 100 |
| 9025000 | M27x2 | 13.0 | 14.5 | 34.0 | 250 |
| 9026000 | M30x2 | 13.0 | 15.0 | 36.0 | 250 |
| 9027000 | M30x2 | 30.0 | 31.5 | 36.0 | 250 |
| 9029000 | M36x2 | 15.0 | 17.0 | 42.0 | 250 |
| 9029500 | M40x2 | 15.5 | 16.7 | 46.2 | 250 |
| 9030000 | M42x2 | 15.0 | 16.5 | 48.0 | 250 |
| 9031000 | M45x2 | 15.0 | 16.5 | 51.0 | 100 |
| 9032000 | M52x2 | 17.0 | 19.0 | 58.0 | 100 |

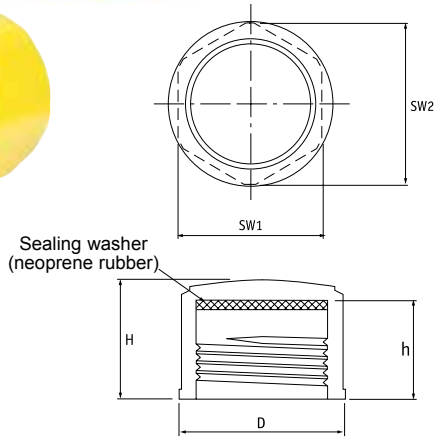
SR 1126

# Threaded Sealing Caps

**Yellow HDPE**

- Tough HDPE material reduces potential shearing
- Internal neoprene rubber sealing disk, which limits fluid leakage
- Recommended to be tightened by hand
- Hexagonal head enables the cap to be applied or removed by spanner or socket at a low torque






UNF

| Part Number | To Fit Thread Size | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | H | h | $SW_1$ | $SW_2$ | |
| 467054 | 1/4" x28 | 10.0 | 13.5 | 11.5 | 8.0 | 8.8 | 500 |
| 467055 | 3/8" x24 | 13.0 | 14.5 | 12.5 | 11.0 | 12.1 | 500 |
| 467056 | 7/16" x24 | 15.5 | 14.5 | 12.5 | 13.0 | 14.3 | 500 |
| 1258285 | 7/16" x20 | 15.5 | 15.0 | 13.0 | 13.0 | 14.3 | 500 |
| 467058 | 1/2" x20 | 17.5 | 15.0 | 13.0 | 15.0 | 16.5 | 500 |
| 467059 | 9/16" x18 | 18.5 | 15.5 | 13.5 | 16.0 | 17.5 | 500 |
| 467060 | 5/8" x18 | 21.0 | 15.5 | 13.5 | 18.0 | 19.7 | 500 |
| 467061 | 3/4" x16 | 24.0 | 16.5 | 14.5 | 21.0 | 23.0 | 500 |
| 467062 | 13/16" x16 | 26.5 | 16.5 | 14.5 | 23.0 | 25.2 | 500 |
| 467063 | 7/8" x18 | 27.5 | 15.5 | 13.5 | 24.0 | 26.3 | 500 |
| 467064 | 7/8" x14 | 27.5 | 17.5 | 15.5 | 24.0 | 26.3 | 250 |
| 467065 | 1" x14 | 31.0 | 17.5 | 15.5 | 27.0 | 29.6 | 250 |
| 467066 | 1 1/16" x12 | 34.5 | 18.5 | 16.5 | 30.0 | 32.9 | 250 |
| 467067 | 1 3/16" x12 | 36.5 | 18.5 | 16.5 | 32.0 | 35.1 | 250 |
| 467068 | 1 5/16" x12 | 41.0 | 18.5 | 16.5 | 36.0 | 39.5 | 250 |
| 467069 | 1 3/8" x12 | 43.0 | 18.5 | 16.5 | 38.0 | 41.7 | 250 |
| 467070 | 1 7/16" x12 | 45.5 | 18.5 | 16.5 | 40.0 | 43.9 | 250 |
| 467071 | 1 5/8" x12 | 51.0 | 19.0 | 16.5 | 45.0 | 49.4 | 100 |
| 467072 | 1 3/4" x12 | 54.5 | 17.0 | 14.5 | 48.0 | 52.6 | 100 |
| 467073 | 1 7/8" x12 | 59.5 | 19.0 | 16.5 | 52.0 | 57.0 | 100 |

Metric

| Part Number | To Fit Thread Size | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | H | h | $SW_1$ | $SW_2$ | |
| 467033 | M8 x1 | 12.0 | 13.0 | 11.0 | 10.0 | 11.0 | 500 |
| 467034 | M10 x1 | 14.2 | 13.0 | 11.0 | 12.0 | 13.2 | 500 |
| 467035 | M12 x1 | 16.5 | 13.0 | 11.0 | 14.0 | 15.4 | 500 |
| 467036 | M12 x1.5 | 16.5 | 15.0 | 13.0 | 14.0 | 15.4 | 500 |
| 467037 | M14 x1.5 | 18.5 | 15.0 | 13.0 | 16.0 | 17.5 | 500 |
| 467038 | M16 x1.5 | 21.0 | 15.0 | 13.0 | 18.0 | 19.7 | 500 |
| 467039 | M18 x1.5 | 23.0 | 15.0 | 13.0 | 20.0 | 21.9 | 500 |
| 467040 | M20 x1.5 | 25.0 | 15.0 | 13.0 | 22.0 | 24.1 | 500 |
| 467041 | M22 x1.5 | 27.5 | 15.0 | 13.0 | 24.0 | 26.3 | 250 |
| 467042 | M24 x1.5 | 30.0 | 15.0 | 13.0 | 26.0 | 28.5 | 250 |
| 467043 | M25 x1.5 | 31.0 | 15.0 | 13.0 | 27.0 | 29.6 | 250 |
| 467044 | M26 x1.5 | 32.0 | 15.0 | 13.0 | 28.0 | 30.7 | 250 |
| 467045 | M28 x1.5 | 34.0 | 15.0 | 13.0 | 30.0 | 32.9 | 250 |
| 467046 | M30 x1.5 | 36.5 | 15.0 | 13.0 | 32.0 | 35.1 | 250 |
| 467047 | M30 x2 | 36.5 | 17.0 | 15.0 | 32.0 | 35.1 | 250 |
| 467048 | M36 x1.5 | 44.5 | 16.0 | 14.0 | 39.0 | 42.8 | 100 |
| 467049 | M36 x2 | 44.5 | 18.0 | 16.0 | 39.0 | 42.8 | 100 |
| 467050 | M42 x2 | 51.0 | 18.5 | 16.0 | 45.0 | 49.4 | 100 |
| 467051 | M45 x1.5 | 54.5 | 16.5 | 14.0 | 48.0 | 52.6 | 100 |
| 467052 | M45x2 | 54.5 | 18.5 | 16.0 | 48.0 | 52.6 | 100 |
| 467053 | M52 x2 | 62.0 | 18.5 | 16.0 | 55.0 | 60.3 | 100 |

BSP

| Part Number | To Fit Thread Size | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | H | h | $SW_1$ | $SW_2$ | |
| 467074 | 1/8" x28 | 14.0 | 13.0 | 11.0 | 12.0 | 13.2 | 500 |
| 467075 | 1/4" x19 | 17.5 | 15.0 | 13.0 | 15.0 | 16.5 | 500 |
| 467076 | 3/8" x19 | 22.0 | 15.0 | 13.0 | 19.0 | 20.8 | 500 |
| 467077 | 1/2" x14 | 25.0 | 17.0 | 15.0 | 22.0 | 24.1 | 500 |
| 467078 | 5/8" x14 | 29.0 | 17.0 | 15.0 | 25.0 | 27.4 | 500 |
| 1258286 | 3/4" x14 | 32.0 | 17.0 | 15.0 | 28.0 | 30.7 | 250 |
| 467080 | 7/8" x14 | 36.0 | 17.0 | 15.0 | 32.0 | 35.1 | 250 |
| 467081 | 1" x11 | 41.0 | 19.0 | 17.0 | 36.0 | 39.5 | 250 |
| 467082 | 1 1/4" x11 | 51.0 | 19.0 | 17.0 | 45.0 | 49.4 | 250 |
| 467083 | 1 1/2" x11 | 56.0 | 19.5 | 17.0 | 50.0 | 54.8 | 100 |
| 467084 | 2" x11 | 71.0 | 19.5 | 17.0 | 63.0 | 69.1 | 100 |
| 467085 | 2 1/4" x11 | 80.0 | 19.5 | 17.0 | 70.0 | 76.8 | 100 |
| 467086 | 2 1/2" x11 | 90.0 | 19.5 | 17.0 | 80.0 | 87.7 | 100 |

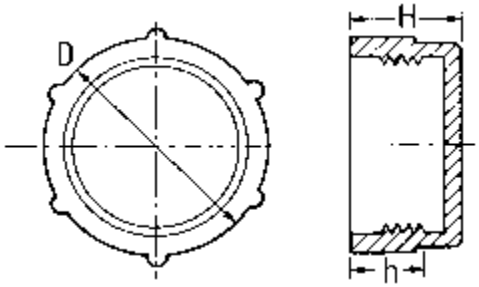
SR 1018

# Threaded Protection Caps

**Red LDPE**

- Used throughout the automotive, fluid power and engineering industries
- Protect threaded components from dust, moisture and damage






BSP/Gas

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | D | H | h | |
| 10392 | 1/8" x28 | 11.8 | 12.0 | 6.5 | 500 |
| 10559 | 1/4" x19 | 4.8 | 11.0 | 8.0 | 500 |
| 10104 | 3/8" x19 | 18.7 | 11.3 | 7.4 | 500 |
| 10198 | 1/2" x14 | 23.2 | 13.5 | 7.0 | 500 |
| 11157 | 5/8" x14 | 25.4 | 15.7 | 10.0 | 500 |
| 10205 | 3/4" x14 | 29.4 | 17.7 | 11.2 | 250 |
| 10970 | 7/8" x14 | 32.4 | 19.5 | 12.5 | 150 |
| 10204 | 1" x11 | 36.0 | 19.0 | 14.5 | 100 |
| 10167 | 1 1/4" x11 | 44.4 | 19.8 | 13.0 | 100 |
| 10432 | 1 1/2" x11 | 50.3 | 20.5 | 14.0 | 100 |
| 10968 | 2" x11 | 61.9 | 21.0 | 15.0 | 100 |
| 12905 | 2 1/2" x11 | 77.9 | 27.6 | 19.0 | 50 |

UNF/JIC

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | D | H | h | |
| 10251 | 3/8" x24 | 11.0 | 8.3 | 4.0 | 500 |
| 12652 | 7/16" x24 | 13.3 | 13.7 | 7.8 | 500 |
| 10332 | 7/16" x20 | 13.3 | 12.9 | 8.0 | 500 |
| 10528 | 1/2" x20 | 14.5 | 13.5 | 9.5 | 500 |
| 11041 | 9/16" x18 | 16.5 | 13.5 | 9.5 | 500 |
| 10653 | 5/8" x18 | 18.2 | 15.6 | 7.5 | 500 |
| 12847 | 3/4" x16 | 21.7 | 13.8 | 9.5 | 500 |
| 12825 | 13/16" x16 | 23.3 | 15.3 | 9.3 | 250 |
| 11089 | 7/8" x14 | 24.9 | 20.2 | 14.4 | 250 |
| 12075 | 7/8" x18 | 25.3 | 20.0 | 14.0 | 250 |
| 12826 | 1" x14 | 27.6 | 17.2 | 12.0 | 250 |
| 10685 | 1 1/16" x12 | 29.4 | 19.0 | 11.0 | 200 |
| 10163 | 1 3/16" x12 | 32.7 | 19.1 | 13.0 | 150 |
| 10151 | 1 5/16" x12 | 36.4 | 22.2 | 14.5 | 100 |
| 12654 | 1 3/8" x12 | 37.4 | 24.5 | 10.5 | 100 |
| 10185 | 1 7/16" x12 | 38.9 | 21.7 | 15.2 | 100 |
| 11053 | 1 5/8" x12 | 44.8 | 22.0 | 14.0 | 100 |
| 11804 | 1 7/8" x12 | 50.3 | 25.0 | 15.0 | 100 |

Metric

| Part Number | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | D | H | h | |
| 12100 | M8 x1 | 9.9 | 10.0 | 7.0 | 500 |
| 12101 | M10 x1 | 11.9 | 10.0 | 7.5 | 500 |
| 12102 | M12 x1 | 13.8 | 12.0 | 9.5 | 500 |
| 12103 | M12 x1.5 | 14.0 | 12.0 | 9.5 | 500 |
| 12104 | M14 x1.5 | 15.9 | 12.0 | 9.5 | 500 |
| 12650 | M14 x1.5 | 16.0 | 20.6 | 9.2 | 500 |
| 12105 | M16 x1.5 | 17.9 | 12.0 | 9.5 | 500 |
| 12651 | M16 x1.5 | 18.0 | 21.0 | 9.0 | 500 |
| 12106 | M18 x1.5 | 19.7 | 14.0 | 9.5 | 500 |
| 12107 | M20 x1.5 | 21.9 | 14.0 | 9.5 | 500 |
| 12108 | M22 x1.5 | 24.3 | 13.8 | 11.5 | 500 |
| 12845 | M22 x1.5 | 24.4 | 24.5 | 17.5 | 250 |
| 12109 | M24 x1.5 | 26.2 | 14.0 | 11.5 | 250 |
| 12110 | M25 x1.5 | 27.2 | 14.0 | 11.5 | 250 |
| 12111 | M26 x1.5 | 28.3 | 14.0 | 11.5 | 250 |
| 12967 | M28 x1.5 | 32.0 | 14.0 | 12.4 | 250 |
| 12122 | M30 x2 | 34.0 | 14.0 | 11.5 | 150 |
| 12123 | M36 x2 | 38.8 | 16.0 | 13.5 | 150 |
| 12124 | M42 x2 | 44.5 | 16.0 | 13.5 | 100 |
| 12126 | M52 x2 | 54.7 | 16.0 | 13.5 | 100 |



# **YOUR** JOB MADE **EASIER:**

- **FREE SAMPLES** – try before you buy
- **SMALL PACKS** – available in the quantities you need
- **RELIABLE DELIVERY** – same day shipping from stock
- **OUTSTANDING CUSTOMER SERVICE** – expert advice

**Call 1800 377 111**

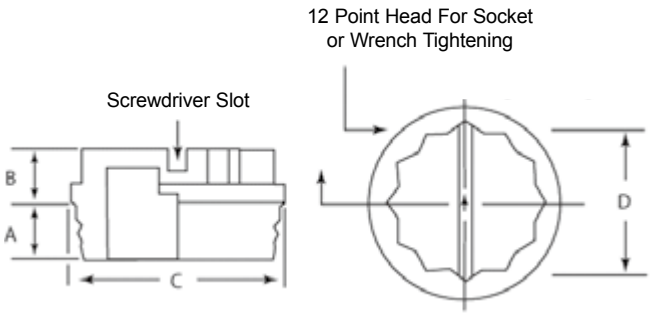
SR5760

# UNF Standard Threaded Molded O-Ring Plug

**HDPE**

- Often used on flat-faced hydraulic fittings
- Integral sealing type bead prevents oil leakage or entrance of contaminants
- The flange lip compresses against the surface to keep contaminants out
- Can be applied or removed by hand, wrench, socket or screwdriver






| Part Number | To Fit Thread Size | Dimensions (mm) | | | | Standard Pack Quantity |
|---|---|---|---|---|---|---|
| | | A | B | C | D* | |
| BLM3B | 7⁄16" x 20 | 8.7 | 7.1 | 16.76 | ⅜" | 8000 |
| BLM4B | ½" x 20 | 8.7 | 8.0 | 18.54 | 7⁄16" | 6000 |
| BLM5B | 9⁄16" x 18 | 8.9 | 8.2 | 20.32 | ½" | 6000 |
| BLM6B | ⅝" x 18 | 9.5 | 8.0 | 20.83 | 9⁄16" | 5000 |
| BLM7B | ¾" x 16 | 10.3 | 10.3 | 25.91 | 11⁄16" | 3000 |

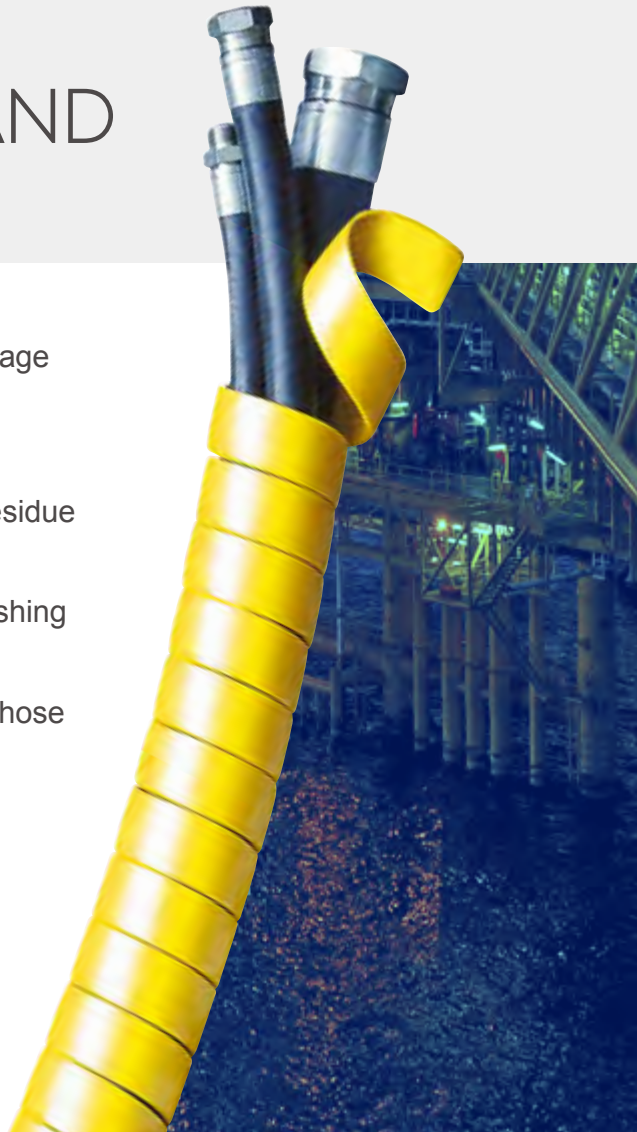
D* 12-Point Head Size - Measurements in inches

| Part Number | To Fit Thread Size | Dimensions (mm) | | | | Standard Pack Quantity |
|---|---|---|---|---|---|---|
| | | A | B | C | D* | |
| BLM8B | ⅞" x 14 | 11.9 | 7.9 | 29.4 | 13⁄16" | 2000 |
| BLM9B | 1" x 14 | 12.7 | 7.9 | 31.7 | ⅞" | 1500 |
| BLM10B | 11⁄16" x 12 | 15.0 | 7.9 | 36.8 | 1" | 1000 |
| BLM11B | 13⁄16" x 12 | 15.0 | 8.7 | 38.1 | 1⅛" | 1000 |
| BLM12B | 15⁄16" x 12 | 15.0 | 8.7 | 44.2 | 1¼" | 1000 |
| BLM13B | 1⅝" x 12 | 15.0 | 8.7 | 54.7 | 1½" | 700 |
| BLM14B | 1⅞" x 12 | 15.0 | 8.7 | 55.5 | 1⅝" | 700 |

ESSENTRA COMPONENTS



# HIGH **QUALITY** AND HOSE **PROTECTION** AND FITTING PROTECTION



Essential parts to safeguard the production, testing, storage and transportation of fluid handling components and equipment.

- CAPS AND PLUGS protect threads and control oil residue from hose fittings
- SPIRAL WRAP shields hydraulic hoses with anti-crushing and abrasion resistance
- SAFETY SLEEVES control fluid burst from potential hose punctures, protecting the operator and equipment

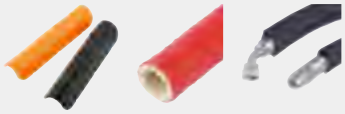
FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# HYDRAULIC AND PNEUMATIC PROTECTION


## Hose Protection

74-81





## Hose Clamps

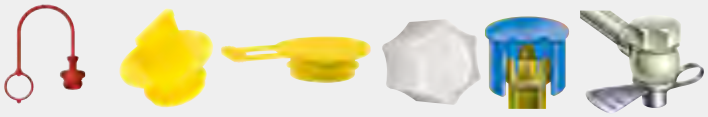
82-83





## Specialist Hydraulic Caps and Plugs

84-89

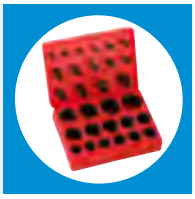




## O-Rings and O-Ring Kits

90-91





SR 6001

## Fire Protection Sleeve

**Outer Sleeve: Red Silicone**
**Inner Sleeve: 6 Micron Calcium Silicate Yarn**

- High-performance flexible protection cover for cables, hydraulic leads and rubber hose lines
- Fire Protection Sleeving gives a protection against high temperatures, radiation heat, direct flames and liquid metal splashes
- Inner sleeve has good insulation properties, 700°C service temperature
- Red silicone outer cover is self-extinguishing
- Flexible sleeving allows easy application to curved or irregular shapes





| Part Number | Internal Diameter (mm) | Std Pack Qty |
|---|---|---|
| 600600 | 10 | 40m |
| 600601 | 15 | 40m |
| 600602 | 20 | 40m |
| 600603 | 22 | 40m |
| 600604 | 25 | 40m |
| 600605 | 30 | 40m |
| 600607 | 35 | 40m |
| 600608 | 40 | 40m |
| 600609 | 50 | 25m |

SR 6002

## Premium Fire Pretection Sleeve

**Outer Sleeve: Grey Silicone**
**Inner Sleeve: 6 Micron Calcium Silicate Yarn**

- Premium Protection Cover for cables, hydraulic leads and rubber hose lines
- Provides protection against high temperatures, radiation heat, direct flames and liquid metal splashes
- Inner sleeve has good insulation properties, 700°C service temperature
- Smooth and thick extruded silicone outer cover
- Keeps shape well allowing easy application onto straight hoses, pipes and cables





| Part Number | Internal Diameter (mm) | Std Pack Qty |
|---|---|---|
| 56610 | 10 | 25m |
| 56615 | 15 | 25m |
| 56620 | 20 | 25m |
| 56622 | 22 | 25m |
| 56625 | 25 | 25m |
| 56628 | 28 | 25m |
| 56630 | 30 | 25m |
| 56632 | 32 | 25m |
| 56635 | 35 | 25m |
| 56640 | 40 | 25m |
| 56650 | 50 | 25m |
| 56660 | 60 | 25m |

ENSSN

## Burst Protection Sleeve

**Black Nylon**

- Working temperature: -60ºC ~ +125ºC
- Melting point: 220±10ºC
- It is widely used to protect hydraulic pipes, rubber hose, plastic pipes, wire harnesses from damage, This kind of sleeving can also be used in industrial and construction fields where outstanding hose protection are needed
- Cutting tool: scissor and hot knife



| Part Number | Internal flat width (W) | Packing (m) |
|---|---|---|
| SD 20 MSHA | 20 | 50m/spool |
| SD 25 MSHA | 25 | 50m/spool |
| SD 31 MSHA | 31 | 50m/spool |
| SD 36 MSHA | 36 | 50m/spool |
| SD 40 MSHA | 40 | 50m/spool |
| SD 55 MSHA | 55 | 50m/spool |
| SD 65 MSHA | 65 | 50m/spool |
| SD 71 MSHA | 71 | 50m/spool |
| SD 93 MSHA | 93 | 50m/spool |
| SD 110 MSHA | 110 | 50m/spool |



EMGWG

## Fire-proof Sleeving

**Brick Red Fiberglass & Silicone**

- Diametrical expansion 1.3
- Working temperature range: -50ºC ~ +500ºC
- Instantaneous temperature: 1150ºC
- Flammability: self-extinguishing
- Fire-proof sleeving is fabricated from a dense E-glass fiberglass and a thick coating of self-extinguishing high temperature silicone rubber which is engineered to protect hoses,cables and wire harnesses from damage due to exposure to extreme heat, fire and molten splash.
- Fire sleeve also provides a high degree of insulation value, protecting hot or cold or cryogenic lines, pipes and tubing from heat or cold loss, meanwhile it can help to save energy and provide abrasion resistance protection.

| Part Number | Packing (m) |
|---|---|
| SGA-FS15 | 20 |
| SGA-FS20 | 20 |
| SGA-FS25 | 20 |
| SGA-FS30 | 20 |
| SGA-FS35 | 20 |
| SGA-FS40 | 20 |
| SGA-FS50 | 20 |
| SGA-FS60 | 20 |
| SGA-FS70 | 20 |



SR 1081

# Spiralguard

**HDPE**

- Suitable for the protection of most types of hydraulic, pneumatic and industrial hose assemblies across a wide range of industries
- Excellent recovery memory to maximise the covering of the hose
- Exceptional anti-crushing performance
- High abrasion resistance
- Good resistance to UV rays
- Easy to fit - reduces risk of industrial injury
- Operating temperature: minimum -65°C, continuous +90°C, max +100°C
- Suitable for wrapping single hoses or multiple-hose looms
- Proven in arduous conditions
- Conveniently coiled and packed in cartons for easy storage
- Standard product packed in 20-metre coils



***Please request a sample to test the suitability of this product for your application***

**How to calculate quantity:** $\frac{\text{Outside diameter of hose}}{\text{Nominal diameter of Spiralguard (mm)}}$ x length (m) of hose to be covered

**Example:** 25m length of 40mm diameter hose, select spiralguard based on wrapping range → SGX40BK

40 ÷ 33 = 1.21

1.21 x 25 (mm) = 30 metres of spiralguard SGX40BK

| Part Number | Nominal Diameter (inside diameter) | Wrapping Range | Hose Inside Diameter | 1-Wire | 2-Wire | Multi Spiral | Dash Size | Meter per box |
|---|---|---|---|---|---|---|---|---|
| SGX12BK | 9 | 9-13mm | 3/16″ | Yes | No | No | -3 | 20 |
| SGX16BK | 13 | 13-17mm | 1/4″ | Yes | No | No | -4 | 20 |
| SGX20BK | 16 | 16-22mm | 1/4″ | No | Yes | No | -4 | 20 |
| SGX25BK | 21 | 22-28mm | 1/2″ | Yes | Yes | Yes | -4 | 20 |
| SGX32BK | 27 | 27-33mm | 5/8″ | Yes | Yes | Yes | -10 | 20 |
| SGX40BK | 33 | 33-44mm | 1″ | Yes | Yes | Yes | -16 | 20 |
| SGX50BK | 44 | 44-65mm | 1 1/4″ | Yes | Yes | Yes | -20 | 20 |
| SGX63BK | 52 | 52-65mm | - | - | - | - | - | 20 |
| SGX75BK | 65 | 65-90mm | 2″ | Yes | Yes | Yes | -32 | 20 |
| SGX90BK | 80 | 80-150mm | - | No | No | No | - | 20 |
| SGX110BK | 150 | 150mm+ | - | - | - | - | - | 10 |

SR 1081

# Spiralguard FRAS

**Black HDPE**

- Flame Retardant Anti-Static Spiralguard
- Tested and approved in accordance with the former British Coal specification 182:1986, satisfying the requirements of the nonmetallics scheme for use underground
- Tested and approved by Mine Safety Laboratory Department of Mineral Resources, NSW to AS2660 FRAS Compliance - 1991
- International Standard : ISO 6805



**Patents apply:**

- Australia: 747837
- Germany: 69912586.3-08
- Italy: 1062456
- United Kingdom: 1062456
- United States: 6286557

| Part Number | Nominal Diameter (inside diameter) | Wrapping Range | Hose Inside Diameter | 1-Wire | 2-Wire | Multi Spiral | Dash Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| FRASSGX12 | 9 | 9-13mm | 3/16″ | Yes | No | No | -3 | 20 |
| FRASSGX16 | 13 | 13-17mm | 1/4″ | Yes | No | No | -4 | 20 |
| FRASSGX20 | 16 | 16-22mm | 1/4″ | No | Yes | No | -4 | 20 |
| FRASSGX25 | 21 | 22-28mm | 1/2″ | Yes | Yes | Yes | -4 | 20 |
| FRASSGX32 | 27 | 27-33mm | 5/8″ | Yes | Yes | Yes | -10 | 20 |
| FRASSGX40 | 33 | 33-44mm | 1″ | Yes | Yes | Yes | -16 | 20 |
| FRASSGX50 | 44 | 44-65mm | 1 1/4″ | Yes | Yes | Yes | -20 | 20 |
| FRASSGX63 | 52 | 52-65mm | - | - | - | - | - | 20 |
| FRASSGX75 | 65 | 65-90mm | 2″ | Yes | Yes | Yes | -32 | 20 |
| FRASSGX90 | 80 | 80-150mm | - | No | No | No | - | 20 |
| FRASSGX110 | 150 | 150mm+ | - | - | - | - | - | 10 |

SR 6000

## Hose Protector

**Black, Orange and Yellow PVC**

- Protects hose against point of contact wear with abrasive surfaces
- Very durable material with high wear factor
- Moulded grooves designed to fit with cable ties
- Easy to assemble and remove
- Typically used on hydraulic hoses, fuel and oil lines, brake systems, wiring harnesses and battery cables



| Part Number | Dimensions (mm) | | Colour | Std Pack Qty |
|---|---|---|---|---|
| | (ins) | (mm) | | |
| 600620 | 4″ | 101.6 | Orange | 50 |
| 600621 | 4″ | 101.6 | Black | 50 |
| 600623 | 6″ | 152.4 | Orange | 50 |
| 600624 | 6″ | 152.4 | Black | 50 |
| 600625 | 6″ | 152.4 | Yellow | 50 |
| 600626 | 8″ | 203.2 | Orange | 50 |
| 600627 | 8″ | 203.2 | Black | 50 |
| 600628 | 8″ | 203.2 | Yellow | 50 |
| 600630 | 10″ | 254.0 | Black | 50 |
| 600762 | 12″ | 304.8 | Orange | 50 |
| 600763 | 12″ | 304.8 | Black | 50 |
| 600764 | 12″ | 304.8 | Yellow | 50 |



SR 1794

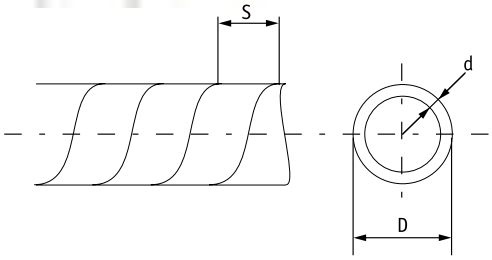
## Spiral Wrap

**Black PE**

- Lightweight protective wrap
- Provides cost-effective hose and cable protection



| Part Number | Dimensions (mm) | | | Cable Bundle Dia (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| | D | d | S | | |
| SBX-03-E | 3.0 | 0.75 | 5.0 | 2-5 | 10m |
| SBX-06-E | 6.0 | 1.0 | 7.0 | 5-8 | 10m |
| SBX-08-E | 8.0 | 1.0 | 11.0 | 7-10 | 10m |
| SBX-10-E | 10.0 | 1.0 | 12.0 | 9-12 | 10m |
| SBX-12-E | 12.0 | 1.5 | 14.0 | 11-14 | 10m |
| SBX-15-E | 15.0 | 1.5 | 15.0 | 13-17 | 10m |
| SBX-19-E | 19.0 | 2.0 | 18.0 | 16-22 | 10m |
| SBX-24-E | 24.0 | 2.0 | 20.0 | 20-30 | 10m |



SR 1082

## Quick Assemble Cable or Hose Sleeve

**Black Polyester (Sleeve), Polyamide (Hook & Loop)**

- Lightweight but high strength and abrasion resistance
- Easy assembly and removal
- Breakouts are simple by bringing out through the hook and loop



| Part Number | I.D. | | Spread Width | | Roll Length | |
|---|---|---|---|---|---|---|
| | In | mm | In | mm | Ft | m |
| 900328 | 0.787 | 20 | 3.149 | 80 | 82 | 25 |
| 900329 | 0.984 | 25 | 3.740 | 95 | 82 | 25 |
| 900330 | 1.181 | 30 | 4.527 | 115 | 82 | 25 |
| 900331 | 1.377 | 35 | 5.118 | 130 | 82 | 25 |
| 900332 | 1.574 | 40 | 5.748 | 146 | 82 | 25 |
| 900333 | 1.771 | 45 | 6.377 | 162 | 82 | 25 |
| 900334 | 1.968 | 50 | 7.007 | 178 | 82 | 25 |

SR 1082

## Hose & Cable Protection Sleeve

**Black Polyester**

- Lightweight but high strength and abrasion resistance
- Protects people, environment and machinery against hydraulic hose ruptures

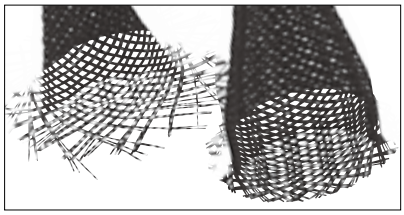


| Part Number | Flattened Width | | Round I.D. | | Roll Length | |
|---|---|---|---|---|---|---|
| | In | mm | In | mm | Ft | m |
| 900359 | 0.787 | 20 | 0.472 | 12 | 100 | 30.5 |
| 900344 | 0.984 | 25 | 0.591 | 15 | 100 | 30.5 |
| 900345 | 1.181 | 30 | 0.748 | 19 | 100 | 30.5 |
| 900346 | 1.378 | 35 | 0.866 | 22 | 100 | 30.5 |
| 900347 | 1.575 | 40 | 0.984 | 25 | 100 | 30.5 |
| 900348 | 1.772 | 45 | 1.102 | 28 | 100 | 30.5 |
| 900349 | 1.969 | 50 | 1.220 | 31 | 100 | 30.5 |
| 900350 | 2.362 | 60 | 1.496 | 38 | 100 | 30.5 |
| 900351 | 2.756 | 70 | 1.732 | 44 | 100 | 30.5 |
| 900352 | 3.150 | 80 | 1.969 | 50 | 100 | 30.5 |
| 900353 | 3.543 | 90 | 2.244 | 57 | 100 | 30.5 |
| 900354 | 3.937 | 100 | 2.362 | 60 | 100 | 30.5 |
| 900355 | 4.528 | 115 | 2.756 | 70 | 50 | 15.0 |
| 900356 | 5.709 | 145 | 3.543 | 90 | 50 | 15.0 |
| 900357 | 6.929 | 176 | 4.331 | 110 | 50 | 15.0 |
| 900358 | 7.874 | 200 | 4.921 | 125 | 50 | 15.0 |

## Scissor Cut Sleeve

**Black Polyster**

- Can be cut with scissors and maintain a frayless end
- Perfect when used in the field where a hot knife is not available
- Excellent abrasion resistance
- Typically used with cables or wires



| Part Number | Nominal Size | | Expansion Range | | | | Roll Length | |
|---|---|---|---|---|---|---|---|---|
| | In | mm | Min In | Min mm | Max In | Max mm | Ft | m |
| 900289 | 0.125 | 3 | 0.039 | 1 | 0.197 | 5 | 200 | 60.98 |
| 900290 | 0.250 | 6 | 0.118 | 3 | 0.315 | 8 | 200 | 60.98 |
| 900291 | 0.312 | 8 | 0.197 | 5 | 0.394 | 10 | 100 | 30.49 |
| 900292 | 0.375 | 10 | 0.276 | 7 | 0.472 | 12 | 100 | 30.49 |
| 900293 | 0.500 | 12 | 0.315 | 8 | 0.551 | 14 | 100 | 30.49 |
| 900294 | 0.625 | 15 | 0.394 | 10 | 0.709 | 18 | 100 | 30.49 |
| 900295 | 0.750 | 20 | 0.551 | 14 | 0.906 | 23 | 50 | 15.24 |
| 900296 | 1.000 | 25 | 0.709 | 18 | 1.102 | 28 | 50 | 15.24 |
| 900297 | 1.250 | 30 | 0.787 | 20 | 1.378 | 35 | 50 | 15.24 |
| 900298 | 1.500 | 40 | 1.181 | 30 | 1.654 | 42 | 50 | 15.24 |
| 900299 | 1.750 | 45 | 1.378 | 35 | 1.890 | 48 | 50 | 15.24 |
| 900300 | 2.000 | 50 | 1.575 | 40 | 2.126 | 54 | 50 | 15.24 |
| 900301 | 2.500 | 64 | 1.772 | 45 | 2.756 | 70 | 50 | 15.24 |
| 900302 | 3.000 | 76 | 2.520 | 64 | 3.150 | 80 | 50 | 15.24 |

## Thermal Protection Sleeve

**Natural Nomex™ Fiber**

- Provides thermal protection and high abrasion resistance
- Soft feel and smooth appearance makes installation easy
- Cuts easily with standard scissors
- Operating Range: -320°F to 662°F (-196°C to 350°C)



| Part Number | Nominal Size | | Expansion Range | | Roll Length | |
|---|---|---|---|---|---|---|
| | In | mm | In | mm | Ft | m |
| 900365 | 0.118 | 3 | 0.039 | 0.157 | 100 | 30.48 |
| 900366 | 0.236 | 6 | 0.196 | 0.314 | 100 | 30.48 |
| 900367 | 0.314 | 8 | 0.236 | 0.393 | 100 | 30.48 |
| 900368 | 0.393 | 10 | 0.275 | 0.511 | 100 | 30.48 |
| 900369 | 0.472 | 12 | 0.314 | 0.629 | 100 | 30.48 |
| 900370 | 0.591 | 15 | 0.393 | 0.787 | 100 | 30.48 |
| 900371 | 0.787 | 20 | 0.551 | 1.023 | 100 | 30.48 |
| 900372 | 0.984 | 25 | 0.708 | 1.299 | 100 | 30.48 |
| 900373 | 1.181 | 30 | 0.787 | 1.535 | 100 | 30.48 |
| 900374 | 1.574 | 40 | 1.181 | 2.047 | 100 | 30.48 |
| 900375 | 1.968 | 50 | 1.574 | 2.559 | 100 | 30.48 |

## Expandable Sleeve

**Black Polyester**

- The open weave construction allows for easy installation reducing assembly cost
- Cut and abrasion resistant with high thermal properties
- Flame-retardant, chemical resistant, and halogen free
- Used on wire harnessing applications where durability and low cost are essential
- Typically used with cables or wires



| Part Number | Nominal Size | | Expansion Range | | | | Roll Length | |
|---|---|---|---|---|---|---|---|---|
| | In | mm | Min In | Min mm | Max In | Max mm | Ft | m |
| 900303 | 0.125 | 3 | 0.039 | 1 | 0.236 | 6 | 200 | 60.98 |
| 900304 | 0.250 | 6 | 0.118 | 3 | 0.354 | 9 | 200 | 60.98 |
| 900305 | 0.312 | 8 | 0.197 | 5 | 0.630 | 16 | 100 | 30.49 |
| 900306 | 0.375 | 10 | 0.276 | 7 | 0.748 | 19 | 100 | 30.49 |
| 900307 | 0.500 | 12 | 0.315 | 8 | 0.945 | 24 | 100 | 30.49 |
| 900308 | 0.625 | 15 | 0.394 | 10 | 1.063 | 27 | 100 | 30.49 |
| 900309 | 0.750 | 20 | 0.551 | 14 | 1.181 | 30 | 50 | 15.24 |
| 900310 | 1.000 | 25 | 0.709 | 18 | 1.378 | 35 | 50 | 15.24 |
| 900311 | 1.250 | 30 | 0.787 | 20 | 1.969 | 50 | 50 | 15.24 |
| 900312 | 1.500 | 40 | 1.181 | 30 | 2.362 | 60 | 50 | 15.24 |
| 900313 | 1.750 | 45 | 1.378 | 35 | 2.953 | 75 | 50 | 15.24 |
| 900314 | 2.000 | 50 | 1.575 | 40 | 3.150 | 80 | 50 | 15.24 |
| 900315 | 2.500 | 64 | 1.772 | 45 | 4.134 | 105 | 50 | 15.24 |
| 900316 | 3.000 | 76 | 2.520 | 64 | 4.724 | 120 | 50 | 15.24 |

SR 1099

## Cinch Straps - Standard & Hanging

**Strap - Black Nylon 11, plastic buckles**

- Hook and loop design of strap holds hoses securely while allowing the hoses to expand or contract as pressure changes
- Heavy duty version is reinforced with Ballistic Cordura® Nylon and is ultrasonically welded to a 1½" hook and loop material
- All hardware is nickel-plated steel





Standard Cinch Strap

| Standard Part Number | Heavy Duty Part Number | Circumference of Bundles (mm) | Straps per Package |
|---|---|---|---|
| TCS4A | TCS4HA | 100 | 5 |
| TCS8A | TCS8HA | 200 | 5 |
| TCS12A | TCS12HA | 300 | 5 |
| TCS16A | TCS16HA | 406 | 5 |

Hanging Cinch Strap

| Standard Part Number | Heavy Duty Part Number | Circumference of Bundles (mm) | Straps per Package |
|---|---|---|---|
| THCS4A | THCS4HA | 100 | 5 |
| THCS8A | THCS8HA | 200 | 5 |
| THCS12A | THCS12HA | 300 | 5 |
| THCS16A | THCS16HA | 406 | 5 |

SGAB

## Buckle Strap Polyster strap

**Spiral Guard Buster**

- Available in Standard and flame retardant models



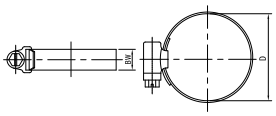
| Part Number | Length (mm) | Color | Material | Type |
|---|---|---|---|---|
| SGAB001 | 450 | Black | Polyester | FRAS Rated Strap |
| SGAB002 | 800 | Black | Polyester | FRAS Rated Strap |
| SGAB003 | 1500 | Black | Polyester | FRAS Rated Strap |
| SGAB004 | 450 | Black | Polyester | Standard Strap |
| SGAB005 | 600 | Black | Polyester | Standard Strap |
| SGAB006 | 800 | Black | Polyester | Standard Strap |
| SGAB007 | 1500 | Black | Polyester | Standard Strap |

SR 6100

## Worm-Drive Hoseclamps

**Stainless Steel Band (AISI 430 / W2)**
**Yellow Galvanised Steel Screw**

- Maximum tightening torque:6.5 Nm
- Solid band offers better hose protection than perforated alternative
- Spotwelded house
- C7 Hexagonal screw





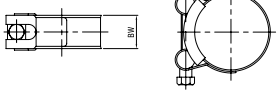
| Part Number | | Clamping Range (mm) | Auto Code | Std Pack Qty |
|---|---|---|---|---|
| 9mm Band Width | 12mm Band Width | | | |
| 600460 | - | 8-12 | 000 | 50 |
| 600461 | - | 10-16 | M00 | 50 |
| 600462 | - | 12-20 | 0/0 | 50 |
| 600463 | 600473 | 16-25 | 0X | 50 |
| | 600474 | 20-32 | 1A | 50 |
| - | 600475 | 25-40 | 1 | 50 |
| - | 600476 | 32-50 | 1X | 50 |
| - | 600477 | 40-60 | - | 50 |
| - | 600478 | 50-70 | 2A | 50 |

SR 6101

## T-bolt Clamps

**Stainless Steel (AISI 430 / W2)**

- Clamp conforms to DIN 3017
- Secures pipes and hoses at high pressure
- Strong construction with full bushings





| Part Number | Clamping Range (mm) | Band Width (mm) | Bolt Size | Std Pack Qty |
|---|---|---|---|---|
| 600480 | 17-19 | 18.0 | M5x40 | 100 |
| 600481 | 20-22 | 18.0 | M5x40 | 100 |
| 600482 | 23-25 | 18.0 | M5x40 | 100 |
| 600483 | 26-28 | 18.0 | M5x40 | 100 |
| 600484 | 29-31 | 20.0 | M6x50 | 100 |
| 600485 | 32-35 | 20.0 | M6x50 | 50 |
| 600486 | 36-39 | 20.0 | M6x50 | 50 |
| 600487 | 40-43 | 20.0 | M6x50 | 50 |
| 600488 | 44-47 | 22.0 | M6x60 | 50 |
| 600489 | 48-51 | 22.0 | M6x60 | 50 |
| 600490 | 52-55 | 22.0 | M6x60 | 50 |
| 600491 | 56-59 | 22.0 | M6x60 | 50 |
| 600492 | 60-63 | 22.0 | M8x60 | 50 |
| 600493 | 64-67 | 22.0 | M8x70 | 50 |
| 600494 | 68-73 | 24.0 | M8x70 | 50 |
| 600495 | 74-79 | 24.0 | M8x70 | 50 |
| 600496 | 80-85 | 24.0 | M8x75 | 25 |
| 600497 | 86-91 | 24.0 | M8x75 | 25 |
| 600498 | 92-97 | 24.0 | M8x75 | 25 |
| 600499 | 98-103 | 24.0 | M8x80 | 25 |
| 600500 | 104-112 | 24.0 | M8x80 | 25 |

SR 1934

## Plastic Hose Clamps

**Black Nylon 6.6**

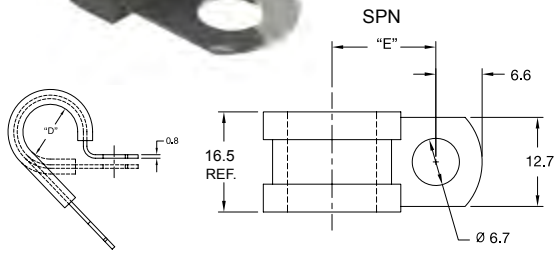



| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Hose Diameter | W | |
| 135010159902 | 6.6-8.0 | 5.0 | 100 |
| 135010259902 | 8.0-9.2 | 5.0 | 100 |
| 135010359902 | 9.2-10.5 | 5.0 | 100 |
| 135010459902 | 10.5-12.0 | 6.0 | 100 |
| 135010659902 | 12.8-15.0 | 7.0 | 100 |
| 135010759902 | 15.0-17.2 | 7.0 | 100 |
| 135010859902 | 17.0-18.5 | 7.0 | 100 |
| 135010959902 | 18.2-20.5 | 7.0 | 100 |
| 135011059902 | 20.5-23.0 | 7.0 | 100 |
| 135011159902 | 22.0-25.0 | 7.0 | 100 |
| 135011259902 | 25.0-28.0 | 7.0 | 100 |
| 135011359902 | 27.0-30.0 | 7.5 | 100 |
| 135011459902 | 29.5-32.5 | 7.5 | 100 |
| 135011559902 | 32.5-35.5 | 8.0 | 100 |
| 135011659902 | 35.0-38.5 | 8.0 | 50 |
| 135011759902 | 38.0-41.5 | 8.0 | 50 |
| 135011859902 | 41.0-44.5 | 8.0 | 50 |
| 135011959902 | 44.0-47.5 | 8.0 | 50 |
| 135012059902 | 47.0-50.5 | 8.0 | 50 |
| 135012159902 | 50.0-53.5 | 8.0 | 50 |
| 135012259902 | 53.0-57.0 | 8.0 | 50 |
| 135012359902 | 56.5-60.5 | 8.0 | 50 |
| 135012459902 | 60.0-65.0 | 8.0 | 50 |
| 135012559902 | 66.0-70.0 | 8.0 | 50 |
| 135012659902 | 70.0-75.0 | 8.0 | 50 |
| 135012759902 | 76.0-80.0 | 8.0 | 50 |
| 135012859902 | 80.0-85.0 | 8.0 | 50 |

## SPN
# Steel Clamp with Rubber Cushion

| Material: Cold Rolled Steel, RMS-198; Zinc Electroplated, RMS-339; Cushion: SPN: TPE, RMS-387 | | | |
|---|---|---|---|
| Part Number | "E" Ref. | "D" Holding Ø | Standard Pack |
| SPN-3 | 12.7 | 4.8 | 500 |
| SPN-4 | 13.5 | 6.4 | 500 |
| SPN-5 | 14.2 | 7.9 | 500 |
| SPN-6 | 15 | 9.5 | 500 |
| SPN-7 | 15.7 | 11.1 | 500 |
| SPN-8 | 16.5 | 12.7 | 500 |
| SPN-9 | 19.1 | 14.3 | 500 |
| SPN-10 | 19.8 | 15.9 | 500 |
| SPN-11 | 20.6 | 17.5 | 500 |
| SPN-12 | 21.3 | 19.1 | 500 |
| SPN-14 | 22.9 | 22.2 | 100 |
| SPN-16 | 24.4 | 25.4 | 100 |
| SPN-18 | 26.7 | 28.6 | 100 |
| SPN-20 | 28.2 | 31.8 | 100 |

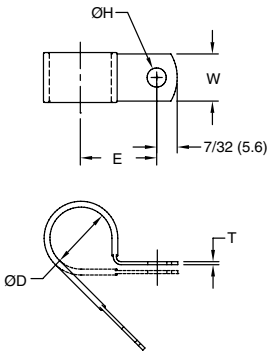


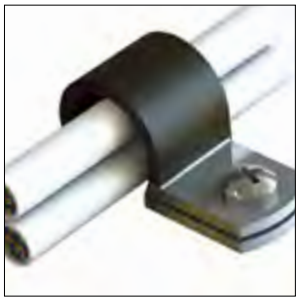



## NE
# Aluminium Clamp with Vinyl Coating

- Vinyl coating allows a more permanent solution for protecting cables against vibration
- Screw mount area is bare to ensure firm tightening
- Material: Aluminum Alloy 5052 H-32, TPV Coating
- Color: Aluminum with Black Coating

| Part Number | "D" Holding Ø | Ø"H" Hole | "E" Ref. | "T" | "W" | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|
| NE3 | 3/16 (4.8) | .204 (5.2) | .50 (12.7) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE4 | 1/4 (6.4) | .204 (5.2) | .53 (13.5) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE5 | 5/16 (7.9) | .204 (5.2) | .56 (14.2) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE6 | 3/8 (9.5) | .204 (5.2) | .59 (15) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE7 | 7/16 (11.1) | .204 (5.2) | .62 (15.7) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE8 | 1/2 (12.7) | .204 (5.2) | .65 (16.5) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE9 | 9/16 (14.3) | .204 (5.2) | .75 (19.1) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE10 | 5/8 (15.9) | .204 (5.2) | .78 (19.8) | 1/32 (0.8) | 3/8 (9.5) | 1 | 1,000 |
| NE11 | 11/16 (17.5) | .204 (5.2) | .81 (20.6) | 1/16 (1.6) | 1/2 (12.7) | 1 | 500 |
| NE12 | 3/4 (19.1) | .204 (5.2) | .84 (21.3) | 1/16 (1.6) | 1/2 (12.7) | 1 | 500 |
| NE14 | 7/8 (22.2) | .204 (5.2) | .90 (22.9) | 1/16 (1.6) | 1/2 (12.7) | 1 | 500 |
| NE16 | 1 (25.4) | .204 (5.2) | .96 (24.4) | 1/16 (1.6) | 1/2 (12.7) | 1 | 500 |
| NE18 | 1-1/8 (28.6) | .204 (5.2) | 1.05 (26.7) | 1/16 (1.6) | 1/2 (12.7) | 1 | 500 |
| NE20 | 1-1/4 (31.8) | .204 (5.2) | 1.11 (28.2) | 1/16 (1.6) | 1/2 (12.7) | 1 | 500 |

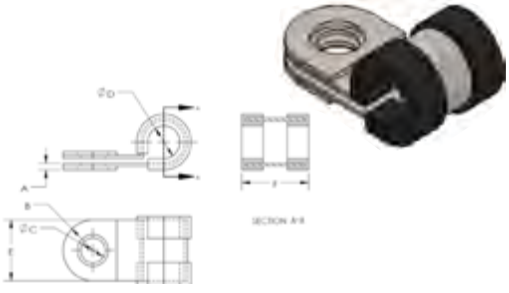


## SPNC
# Heavy Duty Steel Clamp With Rubber Cushion

**Heavy Duty Steel Clamp With Rubber Cushion**

- Galvanized steel strip, black EPDM rubber pad
- Thicker mounting holes provide greater mounting force
- Wider steel straps provide longer wrapping reach



| Part Number | Dimensions (mm) | | | | | "D" Holding Ø | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | E | F | | |
| SPN2C-1 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 10.0 | 50 |
| SPN2C-2 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 13.0 | 50 |
| SPN2C-3 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 15.8 | 50 |
| SPN2C-4 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 18.5 | 50 |
| SPN2C-5 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 21.2 | 50 |
| SPN2C-6 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 25.0 | 50 |
| SPN2C-7 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 28.5 | 50 |
| SPN2C-8 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 30.0 | 50 |
| SPN2C-9 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 34.5 | 50 |
| SPN2C-10 | 1.6 | 10.0 | 8.2 | 20.0 | 25.5 | 42.5 | 50 |
| SPN3C-2 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 13.0 | 50 |
| SPN3C-3 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 15.8 | 50 |
| SPN3C-4 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 18.5 | 50 |
| SPN3C-5 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 21.2 | 50 |
| SPN3C-6 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 25.0 | 50 |
| SPN3C-7 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 28.5 | 50 |
| SPN3C-8 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 30.0 | 50 |
| SPN3C-9 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 34.5 | 50 |
| SPN3C-10 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 42.5 | 50 |
| SPN3C-11 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 54.5 | 50 |
| SPN3C-12 | 2.7 | 12.5 | 10.3 | 25.0 | 30.0 | 70.0 | 50 |

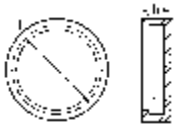
SR 1029

## SAE Butt Weld Covers

**Type 1 - Red LDPE**



Type 1



SAE 3000psi

| Part Number | Nominal Diameter (ins) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | d | h | |
| 3451000 | 1/2 | 30.0 | 9.0 | 1000 |
| 3452000 | 3/4 | 37.0 | 9.0 | 1000 |
| 3453000 | 1 | 44.0 | 10.0 | 1000 |
| 3454000 | 1 1/4 | 50.0 | 10.0 | 1000 |
| 3455000 | 1 1/2 | 60.0 | 10.0 | 1000 |
| 3456000 | 2 | 70.0 | 11.0 | 1000 |

SAE 6000psi

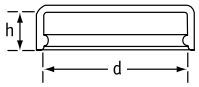
| Part Number | Nominal Diameter (ins) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | d | h | |
| 3457000 | 1/2 | 31.8 | 7.7 | 1000 |
| 3458000 | 3/4 | 41.3 | 8.7 | 1000 |
| 3459000 | 1 | 47.6 | 9.5 | 1000 |
| 3460000 | 1 1/4 | 54.0 | 10.3 | 1000 |
| 3461000 | 1 1/2 | 63.5 | 12.6 | 1000 |
| 3462000 | 2 | 79.4 | 12.6 | 1000 |

**Type 2 - Natural LDPE**

- Designed to protect split-flange coupling surfaces
- The translucent material allows the O-ring to remain visible while providing secure protection by an internal locking bead



Type 2




Type 2 -SAE 3000psi

| Part Number | Nominal Diameter (ins) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | d | h | |
| Q1A | 1/2" | 30.2 | 9.9 | 2500 |
| Q2A | 5/8" | 33.7 | 10.5 | 4000 |
| Q3A | 3/4" | 38.3 | 11.0 | 3000 |
| Q4A | 1" | 44.7 | 11.8 | 2000 |
| Q5A | 1 1/4" | 51.0 | 11.8 | 1700 |
| Q6A | 1 1/2" | 60.5 | 11.8 | 1200 |
| Q7A | 2" | 71.3 | 14.8 | 750 |
| Q8A | 2 1/2" | 84.0 | 12.7 | 550 |
| 1437323 | - | 63.0 | 12.0 | 100 |
| 1437322 | - | 76.1 | 12.0 | 50 |

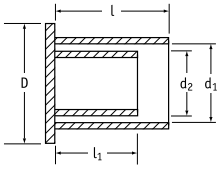
SR 1078

## O-Ring Face Seal Caps

**Blue LDPE**

- Purpose-made for protection of ORF female fittings






| Part Number | UNF/JIC Thread Size | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | $d_1$ | $d_2$ | l | $l_1$ | |
| OR4A | 9/16"-18 | 22.2 | 19.5 | 12.7 | 14.7 | 8.3 | 3500 |
| OR6A | 11/16"-16 | 25.0 | 22.9 | 15.1 | 17.1 | 9.4 | 2500 |
| OR8A | 13/16"- 16 | 29.4 | 26.8 | 19.1 | 21.0 | 10.9 | 3000 |
| OR10A | 1"-14 | 34.9 | 31.9 | 23.0 | 23.4 | 13.5 | 2000 |
| OR16A | 1 7/16"-12 | 46.8 | 45.8 | 34.1 | 27.8 | 14.7 | 900 |
| OR20A | 1 11/16"-12 | 54.0 | 53.2 | 40.5 | 27.8 | 14.7 | 700 |

OFR Series

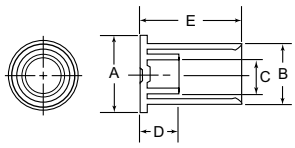
## O-Ring Face-Fitting Caps for UNF/JIC Threads

**Blue LDPE**

- Designed to protect O-ring face seal connectors used on hydraulic connections
- Designed with a longer overall length and includes a molded retaining ring at the bottom that snaps under the connector so it will not fall off the connector








| Part Number | To Cap JIC Thread | JIC Fitting Size | A | | B | | C | | D | | E | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | In | mm | In | mm | In | mm | In | mm | In | mm | | |
| OFR100A | 7/16"–20 | 4 | 0.770 | 19.60 | 0.712 | 18.08 | 0.370 | 9.40 | 0.420 | 10.67 | 0.710 | 18.03 | 1 | 3000 |
| OFR110A | 9/16"–18 | 6 | 0.950 | 24.10 | 0.864 | 21.95 | 0.500 | 12.80 | 0.420 | 10.67 | 0.840 | 21.34 | 1 | 2500 |
| OFR120A | 3/4"–16 | 8 | 1.160 | 29.30 | 1.067 | 27.10 | 0.670 | 17.00 | 0.430 | 10.92 | 0.930 | 23.62 | 1 | 1200 |
| OFR130A | 7/8"–14 | 10 | 1.280 | 32.50 | 1.192 | 30.28 | 0.780 | 19.80 | 0.500 | 12.70 | 1.050 | 26.67 | 1 | 1200 |
| OFR140A | 1-1/16"–12 | 12 | 1.580 | 40.10 | 1.489 | 37.82 | 0.960 | 24.40 | 0.570 | 14.48 | 1.150 | 29.21 | 1 | 1200 |
| OFR150A | 1-5/16"–12 | 16 | 1.880 | 47.80 | 1.766 | 44.86 | 1.220 | 30.90 | 0.590 | 14.99 | 1.210 | 30.73 | 1 | 1000 |

*Red optional

SR 6111

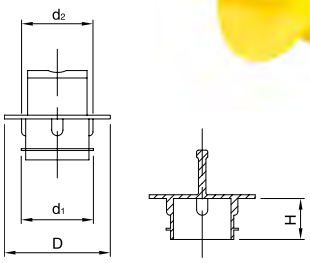
## Pull-Tab Hose Plug

**Yellow EVA (Ethylene Vinyl Acetate)**

- Material provides good tensile strength, toughness and increased flexibility
- Large pull-tab allows easy removal
- Ideal for plugging hydraulic hoses
- Ribs provide comfortable fit, without stretching hose

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | D | H | |
| 464901 | 5.3 | 5.1 | 11.0 | 11.0 | 500 |
| 464902 | 10.4 | 10.2 | 18.0 | 11.0 | 500 |
| 464903 | 15.4 | 15.2 | 21.5 | 11.0 | 500 |
| 464904 | 19.4 | 19.2 | 28.5 | 11.0 | 500 |






SR 1127

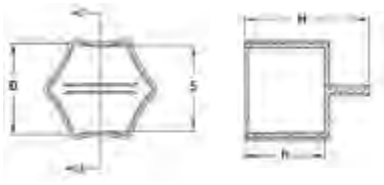
## Hexagonal Caps

**Natural LDPE**

- Hexagonal caps are available in all common hydraulic coupling sizes
- Rigid design allows easy application and removal
- Also suitable for protecting round components

| Part Number | Dimensions (mm) | | | | To Suit Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | h | H | S | | |
| 490632 | 11.0 | 16.0 | 28.0 | 10.7 | M10 | 500 |
| 10577936 | 14.0 | 18.0 | 30.0 | 13.7 | M12, 1/8″ BSP, 7/16″ UNF | 500 |
| 490634 | 16.0 | 20.0 | 32.0 | 15.7 | | 500 |
| 490635 | 17.0 | 20.0 | 32.0 | 16.7 | M14,1/2″ UNF | 500 |
| 490636 | 19.0 | 25.0 | 39.0 | 18.7 | M16, 1/4″ BSP, 9/16″ UNF | 500 |
| 490637 | 22.0 | 25.0 | 39.0 | 21.6 | M18, 3/8″ BSP, 3/4″ UNF | 500 |
| 490638 | 24.0 | 28.0 | 42.0 | 23.6 | | 500 |
| 490639 | 25.0 | 28.0 | 42.0 | 24.6 | | 250 |
| 490640 | 27.0 | 28.0 | 42.0 | 26.6 | M22,1/2″ BSP,7/8″ UNF | 250 |
| 490641 | 29.0 | 30.0 | 44.0 | 28.6 | | 250 |
| 490642 | 30.0 | 30.0 | 44.0 | 29.6 | M24,5/8″ BSP | 250 |
| 490643 | 32.0 | 30.0 | 44.0 | 31.6 | M26,3/4″ BSP, 11/16″ UNF | 250 |
| 490644 | 36.0 | 30.0 | 44.0 | 35.5 | M30 | 250 |
| 490645 | 38.0 | 31.0 | 45.0 | 37.5 | | 100 |
| 490646 | 41.0 | 31.0 | 45.0 | 40.5 | M36,1″ BSP,15/16″ UNF | 100 |





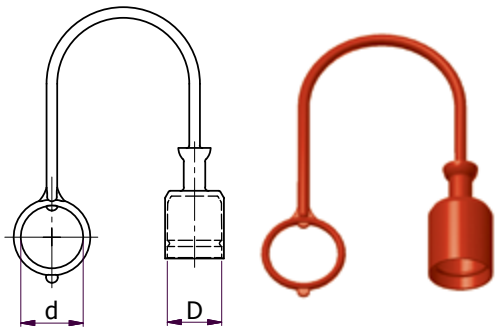
SR 1181

## Hydraulic Quick Release Dust Caps

**Red TPE**

- Female fitting suitable to cap ISO A and ISO B series
- Designed to remain attached to the hose
- Excellent Protection from dirt, moisture and corrosion
- Temperature -40°C / 135°C

| Part Number | Size | Serie | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | | | D | d | |
| 498796 | 1/4″ | ISO A | 12.7 | 20.0 | 150 |
| 498797 | 3/8″ | ISO A | 18.3 | 23.0 | 150 |
| 498798 | 1/2″ | ISO A | 23.6 | 28.0 | 150 |
| 498799 | 3/4″ | ISO A | 30.1 | 36.0 | 150 |
| 498800 | 1″ | ISO A | 36.5 | 38.0 | 150 |
| 498801 | 1/4″ | ISO B | 15.5 | 23.0 | 150 |
| 498802 | 3/8″ | ISO B | 20.0 | 23.0 | 150 |
| 498803 | 1/2″ | ISO B | 25.7 | 28.0 | 150 |
| 498804 | 3/4″ | ISO B | 32.7 | 37.0 | 150 |
| 498805 | 1″ | ISO B | 40.5 | 44.0 | 150 |



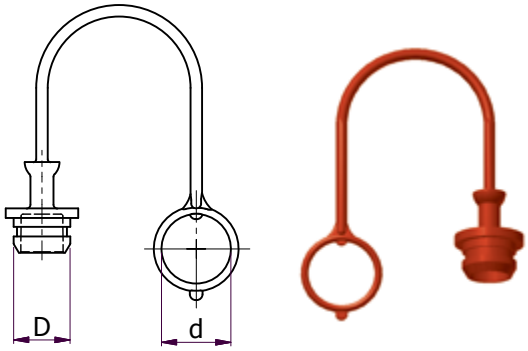

SR 1182

## Hydraulic Quick Release Dust Plug

**Red TPE**

- Male fitting suitable to plug ISO A and ISO B series
- Designed to remain attached to the hose
- Excellent Protection from dirt, moisture and corrosion
- Temperature -40°C / 135°C

| Part Number | Size | Serie | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | | | D | d | |
| 499766 | 1/4" | ISO A | 12.7 | 20.0 | 150 |
| 499767 | 3/8" | ISO A | 18.3 | 23.0 | 150 |
| 499768 | 1/2" | ISO A | 23.6 | 28.0 | 150 |
| 499769 | 3/4" | ISO A | 30.1 | 36.0 | 150 |
| 499770 | 1" | ISO A | 36.5 | 38.0 | 150 |
| 499771 | 1/4" | ISO B | 15.5 | 23.0 | 150 |
| 499772 | 3/8" | ISO B | 20.0 | 23.0 | 150 |
| 499773 | 1/2" | ISO B | 25.7 | 28.0 | 150 |
| 499774 | 3/4" | ISO B | 32.7 | 37.0 | 150 |
| 499775 | 1" | ISO B | 40.5 | 44.0 | 150 |

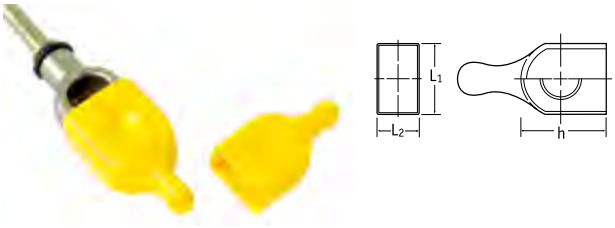


SR 1071

## Banjo Union Caps

**Type 1 - Yellow Flexible PVC**

- Snug fitting protects against dirt ingress
- Flexible, for easy fitting
- Fits hydraulic banjo unions to DIN 7642 B/E
- Finger tab for quick fitting and removal




Type 1

| Part Number | Pipe Outside Diameter (mm) | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | $L_1$ | $L_2$ | h | |
| BCWJ-08 | 4.0/5.0 | 14.0 | 8.0 | 15.0 | 5000 |
| BCWJ-10 | 6.0 | 17.0 | 10.0 | 20.0 | 2500 |
| BCWJ-12 | 8.0 | 20.0 | 12.0 | 25.0 | 2500 |
| BCWJ-14 | 10.0 | 24.0 | 14.0 | 30.0 | 1250 |

SR 1016

## Banjo Union Plugs

**Natural LDPE**

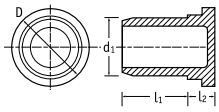
- Prevent ingress of dirt and moisture
- Fit banjo unions DIN 7642 B/E

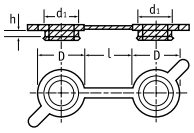


Type 1



Type 2




Type 1

| Part Number | Pipe Outside Diameter (mm) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | $d_1$ | $l_1$ | $l_2$ | D | |
| 12863 | 8.0 | 12.3 | 18.0 | 6.5 | 18.9 | 5000 |
| 12864 | 10.0 | 14.3 | 20.0 | 6.5 | 19.8 | 5000 |

Type 2

| Part Number | Pipe Outside Diameter (mm) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | $d_1$ | D | h | l | |
| 10196 | 8.0 | 12.0 | 19.0 | 4.5 | 20.0 | 5000 |

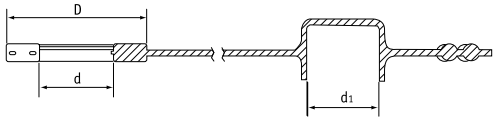
SR 1083

## Banjo Bolts Caps

**Black LDPE**

- Protection cap and retaining washer in one unit
- Hold everything together during assembly, storage and shipment
- Protect against damage and dirt ingress






| Part Number | Pipe Outside Diameter (mm) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d | D | $d_1$ | Length (mm) | |
| 110486 | M8 | 8.3 | 16.5 | 7.8 | 50.0 | 5000 |
| 110487 | M10 | 10.3 | 22.0 | 9.6 | 50.0 | 5000 |
| 110488 | M12 | 12.3 | 24.0 | 11.6 | 50.0 | 5000 |
| 110489 | M14 | 14.3 | 26.0 | 13.6 | 50.0 | 4000 |

* Supplied with bridged retaining loop

SR 1120

## Side Release Plugs

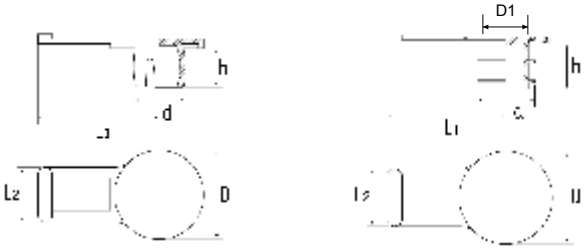
**Natural LDPE**

- Continuous sealing lip and strong flexible side-tab on both designs
- Type 1 - rounded plug design ensures a low-abrasion fit



Type 1 Type 2

| Part Number | Thread Size | Dimensions (mm) | | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | d | h | $L_1$ | $L_2$ | $D_1$ | | |
| 465622 | M10x1 | 16.5 | 9.5 | 8.5 | 26.5 | 12.0 | / | 1 | 1000 |
| 1437324 | M10x1 | 16.0 | 9.5 | 8.0 | 23.5 | 12.0 | 6.24 | 2 | 1000 |
| 465624 | M12x1.5 | 19.5 | 11.2 | 8.5 | 26.5 | 12.0 | / | 1 | 1000 |
| 465625 | M12x1.5 | 19.0 | 11.1 | 8.0 | 25.0 | 12.0 | 7.98 | 2 | 1000 |
| 465626 | M14x1.5 | 21.5 | 13.4 | 7.0 | 27.0 | 12.0 | / | 1 | 500 |
| 465627 | M14x1.5 | 21.0 | 13.1 | 10.5 | 26.0 | 12.0 | 9.98 | 2 | 500 |
| 465628 | M16x1.5 | 23.5 | 15.2 | 8.0 | 27.0 | 12.0 | / | 1 | 500 |
| 465629 | M16x1.5 | 24.0 | 15.1 | 11.0 | 28.5 | 14.0 | 11.98 | 2 | 500 |
| 465630 | M22x1.5 | 29.5 | 21.7 | 8.0 | 31.0 | 14.0 | / | 1 | 500 |
| 465631 | M22x1.5 | 29.0 | 21.5 | 11.5 | 31.0 | 14.0 | 17.46 | 2 | 500 |




SR 1121

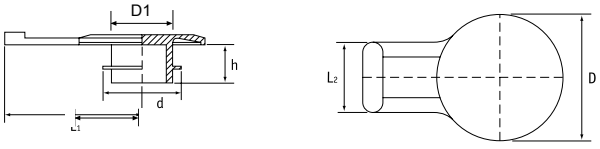
## Compression Fit Plugs

**Yellow LDPE**

- Designed to protect DKO-compression fittings
- Fin gives a firm fit into the DKO-swivel nut

| Part Number | Thread Size | To fit 'DKO' fittings (nipple 24° with O-Ring) | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | h | $L_1$ | $L_2$ | $D_1$ | |
| 552082 | M12x1.5 | 6L | 16.0 | 11.8 | 7.0 | 18.0 | 12.0 | 9.5 | 1500 |
| 552083 | M14x1.5 | 6S,8L | 19.0 | 13.8 | 7.0 | 19.5 | 12.0 | 11.4 | 1500 |
| 552084 | M16x1.5 | 8S,10L | 21.5 | 15.8 | 7.0 | 23.0 | 14.0 | 14.0 | 1500 |
| 552085 | M18x1.5 | 10S,12L | 25.0 | 17.8 | 7.5 | 25.0 | 14.0 | 15.5 | 1500 |
| 552086 | M20x1.5 | 12S | 27.0 | 19.8 | 7.5 | 26.0 | 14.0 | 16.5 | 1500 |
| 552087 | M22x1.5 | 14S,15L | 29.0 | 21.8 | 7.5 | 31.0 | 14.0 | 19.5 | 1500 |
| 552088 | M24x1.5 | 16S | 30.0 | 23.8 | 7.5 | 31.0 | 14.0 | 21.5 | 1000 |
| 552089 | M26x1.5 | 18L | 32.0 | 25.8 | 8.0 | 31.0 | 14.0 | 22.5 | 1000 |
| 552090 | M30x2 | 20S,22L | 35.0 | 29.5 | 10.0 | 31.5 | 14.0 | 26.0 | 1000 |
| 552091 | M36x2 | 25S,28L | 40.0 | 35.5 | 10.0 | 34.0 | 14.0 | 31.5 | 1000 |
| 552092 | M42x2 | 30S | 50.0 | 41.5 | 10.0 | 40.0 | 15.0 | 38.3 | 750 |
| 552093 | M45x2 | 35L | 50.0 | 44.5 | 10.0 | 40.0 | 15.0 | / | 750 |
| 552094 | M52x2 | 38S,42L | 60.0 | 51.5 | 10.0 | 45.0 | 15.0 | 48.5 | 750 |





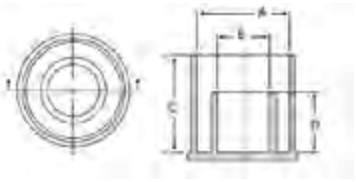
FC Series

## Flareless Tube & Nut Caps

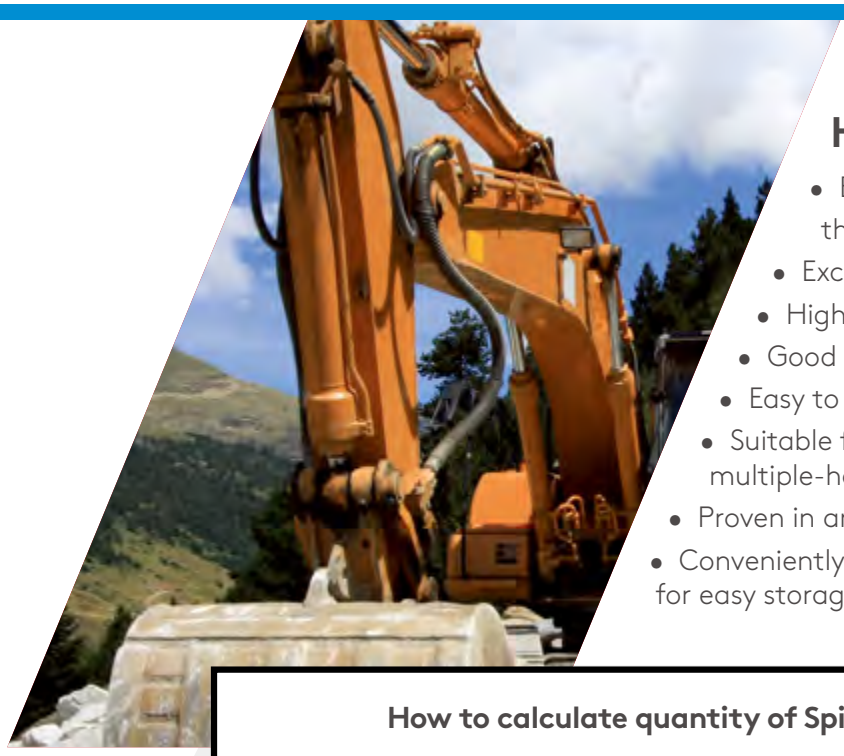
**Red LDPE**

- Easily applied to flareless hydraulic tube and nut assemblies.
- The outer caps conform to the nut shape whilst the inner cap covers the tube and sleeve inside.





| Part Number | A mm | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|
| FC02 | 9.91 | 4.32 | 14.73 | 10.16 | 100/1000 |
| FC03 | 11.68 | 6.10 | 16.00 | 10.41 | 100/1000 |
| FC04 | 14.99 | 7.62 | 19.56 | 13.21 | 100/1000 |
| FC05 | 16.51 | 9.40 | 20.57 | 13.46 | 100/1000 |
| FC06 | 18.29 | 10.41 | 20.57 | 13.72 | 100/1000 |
| FC08 | 23.11 | 14.48 | 21.84 | 13.72 | 100/1000 |
| FC10 | 26.42 | 17.02 | 25.15 | 16.26 | 100/1000 |
| FC12 | 33.02 | 21.08 | 25.40 | 16.26 | 100/1000 |
| FC16 | 39.63 | 27.18 | 27.94 | 16.00 | 100/1000 |
| FC20 | 52.83 | 33.53 | 27.94 | 15.75 | 100/1000 |
| FC24 | 59.95 | 39.63 | 27.43 | 15.75 | 100/1000 |
| FC28 | 70.11 | 46.48 | 28.96 | 17.53 | 100/1000 |
| FC32 | 76.20 | 52.33 | 29.72 | 16.00 | 100/1000 |



## Hose Protection Features:

- Excellent recovery memory to maximize the covering of the hose
- Exceptional anti-crushing performance
- High abrasion resistance
- Good resistance to UV rays
- Easy to fit - reduces risk of industrial injury
- Suitable for wrapping single hoses or multiple-hose looms
- Proven in arduous conditions
- Conveniently coiled and packed in cartons for easy storage

### How to calculate quantity of Spiralguard required

$$\frac{\text{Outside diameter of hose}}{\text{Inside diameter of Spiralguard}} \times \text{Length (m) of hose to be covered}$$

Hose: Length 17.5 m / Outside Diameter 40 mm / Inside Diameter 35 mm

**40 ÷ 35 = 1.143**

**1.143 x 17.5 = 20 meters**

SR 6150

## O-Rings-Imperial

**Nitrile (NBR) 70, FPM 75**





### Imperial O-Ring Kits

| Part Number | Material |
|---|---|
| 490030 | NBR 70 |
| 490032 | FPM 75 |

### Individual Parts

| Part Number | | Dimensions (mm) | | Kit Qty | Std Pack Qty |
|---|---|---|---|---|---|
| NBR | FPM | Inside Diameter | Cross Section | | |
| 600635 | 600665 | 2.90 | 1.78 | 20 | 100 |
| 600636 | 600666 | 3.68 | 1.78 | 20 | 100 |
| 600637 | 600667 | 4.48 | 1.78 | 20 | 100 |
| 600638 | 600668 | 5.28 | 1.78 | 20 | 100 |
| 600639 | 600669 | 6.07 | 1.78 | 20 | 100 |
| 600640 | 600670 | 7.66 | 1.78 | 20 | 100 |
| 600641 | 600671 | 9.25 | 1.78 | 20 | 100 |
| 600642 | 600672 | 9.19 | 2.62 | 13 | 100 |
| 600643 | 600673 | 10.78 | 2.62 | 13 | 100 |
| 600644 | 600674 | 12.37 | 2.62 | 13 | 100 |
| 600645 | 600675 | 13.95 | 2.62 | 13 | 100 |
| 600646 | 600676 | 15.54 | 2.62 | 13 | 100 |
| 600647 | 600677 | 17.13 | 2.62 | 13 | 100 |
| 600648 | 600678 | 18.72 | 2.62 | 13 | 100 |
| 600649 | 600679 | 18.64 | 3.53 | 10 | 100 |
| 600650 | 600680 | 20.22 | 3.53 | 10 | 100 |
| 600651 | 600681 | 21.82 | 3.53 | 10 | 100 |
| 600652 | 600682 | 23.40 | 3.53 | 10 | 100 |
| 600653 | 600683 | 24.99 | 3.53 | 10 | 100 |
| 600654 | 600684 | 26.58 | 3.53 | 10 | 100 |
| 600655 | 600685 | 28.17 | 3.53 | 10 | 100 |
| 600656 | 600686 | 29.75 | 3.53 | 10 | 100 |
| 600657 | 600687 | 31.34 | 3.53 | 10 | 100 |
| 600658 | 600688 | 32.92 | 3.53 | 10 | 100 |
| 600659 | 600689 | 34.52 | 3.53 | 10 | 100 |
| 600660 | 600690 | 36.10 | 3.53 | 10 | 100 |
| 600661 | 600691 | 37.69 | 3.53 | 10 | 100 |
| 600662 | 600692 | 37.47 | 5.33 | 7 | 100 |
| 600663 | 600693 | 40.65 | 5.33 | 7 | 100 |
| 600664 | 600694 | 43.82 | 5.33 | 7 | 100 |

SR 6151

## O-Rings-Metric

**Nitrile (NBR) 70, FPM 75**





### Metric O-Ring Kits

| Part Number | Material |
|---|---|
| 490033 | NBR 70 |
| 490034 | FPM 75 |

### Individual Parts

| Part Number | | Dimensions (mm) | | Kit Qty | Std Pack Qty |
|---|---|---|---|---|---|
| NBR | FPM | Inside Diameter | Cross Section | | |
| 600695 | 600713 | 4.1 | 1.6 | 15 | 100 |
| 600696 | 600714 | 6.1 | 1.6 | 15 | 100 |
| 600697 | 600715 | 8.1 | 1.6 | 15 | 100 |
| 600698 | 600716 | 10.1 | 1.6 | 15 | 100 |
| 600699 | 600717 | 12.1 | 1.6 | 15 | 100 |
| 600700 | 600718 | 14.1 | 1.6 | 15 | 100 |
| 600701 | 600719 | 5.6 | 2.4 | 10 | 100 |
| 600702 | 600720 | 6.6 | 2.4 | 10 | 100 |
| 600703 | 600721 | 7.6 | 2.4 | 10 | 100 |
| 600704 | 600722 | 9.6 | 2.4 | 10 | 100 |
| 600705 | 600723 | 11.6 | 2.4 | 10 | 100 |
| 600706 | 600724 | 14.6 | 2.4 | 10 | 100 |
| 600707 | 600725 | 19.5 | 3.0 | 6 | 100 |
| 600708 | 600726 | 24.5 | 3.0 | 6 | 100 |
| 600709 | 600727 | 26.5 | 3.0 | 6 | 100 |
| 600710 | 600728 | 31.5 | 3.0 | 6 | 100 |
| 600711 | 600729 | 32.5 | 3.0 | 6 | 100 |
| 600712 | 600730 | 39.5 | 3.0 | 6 | 100 |

SR 6152

## O-Rings-European Metric

**Nitrile (NBR) 70, FPM 75**





Individual Parts

| Part Number | | Dimensions (mm) | | Kit Qty | Std Pack Qty |
|---|---|---|---|---|---|
| NBR | FPM | Inside Diameter | Cross Section | | |
| 490110 | 490135 | 3.0 | 2.0 | 18 | 100 |
| 490111 | 490136 | 4.0 | 2.0 | 18 | 100 |
| 490112 | 490137 | 5.0 | 2.0 | 18 | 100 |
| 490113 | 490138 | 6.0 | 2.0 | 18 | 100 |
| 490114 | 490139 | 7.0 | 2.0 | 17 | 100 |
| 490115 | 490140 | 8.0 | 2.0 | 17 | 100 |
| 490116 | 490141 | 10.0 | 2.0 | 17 | 100 |
| 490117 | 490142 | 10.0 | 2.5 | 14 | 100 |
| 490118 | 490143 | 11.0 | 2.5 | 14 | 100 |
| 490119 | 490144 | 12.0 | 2.5 | 14 | 100 |
| 490120 | 490145 | 14.0 | 2.5 | 14 | 100 |
| 490121 | 490146 | 16.0 | 2.5 | 14 | 100 |
| 490122 | 490147 | 17.0 | 2.5 | 14 | 100 |
| 490123 | 490148 | 19.0 | 2.5 | 14 | 100 |
| 490124 | 490149 | 19.0 | 3.0 | 12 | 100 |
| 490125 | 490150 | 20.0 | 3.0 | 12 | 100 |
| 490126 | 490151 | 22.0 | 3.0 | 12 | 100 |
| 490127 | 490152 | 24.0 | 3.0 | 12 | 100 |
| 490128 | 490153 | 25.0 | 3.0 | 12 | 100 |
| 490129 | 490154 | 27.0 | 3.0 | 12 | 100 |
| 490130 | 490155 | 28.0 | 3.0 | 12 | 100 |
| 490131 | 490156 | 30.0 | 3.0 | 12 | 100 |
| 490132 | 490157 | 32.0 | 3.0 | 12 | 100 |
| 490133 | 490158 | 33.0 | 3.0 | 12 | 100 |
| 490134 | 490159 | 35.0 | 3.0 | 12 | 100 |
| 490105 | 490160 | 36.0 | 3.0 | 12 | 100 |
| 490106 | 490161 | 38.0 | 3.0 | 12 | 100 |
| 490107 | 490162 | 38.0 | 4.0 | 9 | 100 |
| 490108 | 490163 | 42.0 | 4.0 | 9 | 100 |
| 490109 | 490164 | 45.0 | 4.0 | 9 | 100 |

European Metric O-Ring Kits

| Part Number | Material |
|---|---|
| 490035 | NBR 70 |
| 490037 | FPM 75 |

SR 6158

## SAE Flange Seals

**Polyurethane 90**



Individual Parts

| Part Number | To Fit Thread Size | Kit Qty | Std Pack Qty |
|---|---|---|---|
| 490090 | 1/2” | 10 | 100 |
| 490091 | 3/4” | 10 | 100 |
| 490092 | 1” | 10 | 100 |
| 490093 | 1 1/4” | 10 | 100 |
| 490094 | 1 1/2” | 10 | 100 |
| 490095 | 2” | 10 | 100 |

SAE Flange Seal Kit

| Part Number | Material |
|---|---|
| 490043 | Polyurethane 90 |

SR 6153

## O-Rings-Cord Splicing Kit

**Nitrile (NBR) 70**

Kit includes:

- 1 x Tape Measure
- 1 x Cutting Block
- 1 x Bottle of 3gm Cyanacrylate Adhesive
- 1 x Retractable Cutting Knife





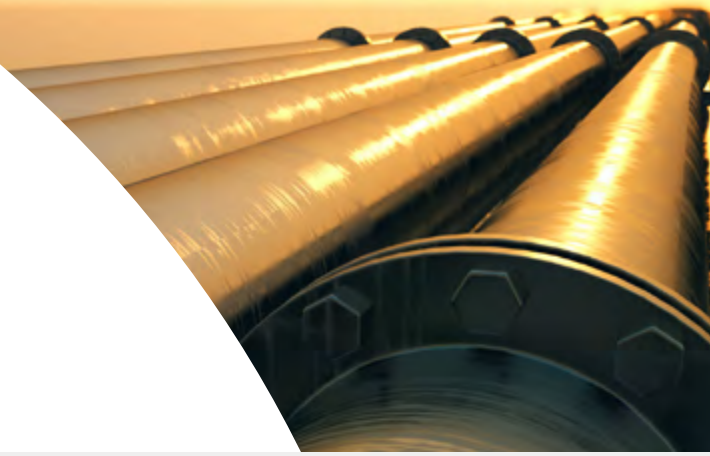
Cord Splicing Kit

| Part Number | Material |
|---|---|
| 490038 | NBR 70 |

And the lengths of O-Ring Cord below:
Cord Contained In Each Kit

| Part Number | Cord Diameter | Metres Per Kit |
|---|---|---|
| 492230 | 1.78 | 2 |
| 492231 | 2.00 | 2 |
| 492232 | 2.40 | 2 |
| 492233 | 2.62 | 2 |
| 492234 | 3.00 | 2 |
| 492235 | 3.53 | 2 |
| 492236 | 4.00 | 2 |
| 492237 | 4.50 | 2 |
| 492238 | 5.00 | 2 |
| 492239 | 5.34 | 2 |
| 492240 | 5.70 | 2 |
| 492241 | 6.00 | 2 |
| 492242 | 7.00 | 2 |
| 492243 | 8.00 | 2 |

ESSENTRA COMPONENTS



# MILES OF **PIPE AND FLANGE PROTECTION**

Essentra Components offer a wide range of plastic products for the protection of Pipes and Flanges.

The extensive range protects against corrosion and damage during manufacture, transit and storage.

- Large selection of sizes with optional vent holes
- Choice of colours
- Bevel protection and inner wall protection for crane hook handling
- Light and flexible materials for an easy application and a reliable protection
- Wide range of pressure group compatibility











FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# PIPE AND FLANGE PROTECTION


**Pipe Caps**

92 - 96





**Tool Joint Protection**

97



**Flange Protection**

98 - 105





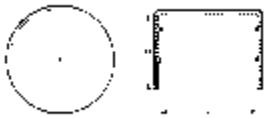
**SR 1358/1352**

## Caps for Standard Pipe Sizes

**Yellow LDPE**

- Low cost and high quality
- Internal ribs ensure tight fit and release pressure build-up





| Part Number No Vent Hole | Nominal Pipe Size | Dimensions (mm) d | Dimensions (mm) H | Std Pack Qty |
|---|---|---|---|---|
| 10286 | DN15 1/2" | 21.3 | 20.0 | 2200 |
| 10287 | DN20 3/4" | 26.9 | 25.0 | 1300 |
| 10288 | DN25 1" | 33.7 | 30.0 | 800 |
| 10294 | DN32 1¼" | 42.4 | 28.0 | 500 |
| 20547578 | DN40 1½" | 48.3 | 30.0 | 500 |
| 10296 | DN50 2" | 60.3 | 30.0 | 250 |
| 10298 | DN65 2½" | 76.1 | 35.0 | 350 |
| 199480 | DN80 3" | 88.9 | 36.0 | 180 |
| 199482 | DN90 3½" | 101.6 | 40.0 | 100 |
| 199484 | DN100 4" | 114.3 | 40.0 | 100 |
| 199486 | DN115 4½" | 127.0 | 40.0 | 85 |
| 199488 | DN125 5" | 139.7 | 40.0 | 70 |
| 199490 | DN140 5½" | 152.4 | 40.0 | 60 |
| 199492 | DN150 6" | 168.3 | 40.0 | 48 |
| 199494 | DN200 8" | 219.1 | 40.0 | 25 |
| 199496 | DN250 10" | 273.0 | 45.0 | 25 |
| 199498 | DN300 12" | 323.9 | 50.0 | 18 |
| 43970 | DN350 14" | 355.6 | 57.0 | 25 |
| 43971 | DN400 16" | 406.4 | 60.5 | 25 |
| 43972 | DN450 18" | 457.2 | 63.0 | 20 |
| 43973 | DN500 20" | 508.0 | 65.0 | 20 |
| 31710 | DN550 22" | 558.8 | 60.0 | 14 |
| 43974 | DN600 24" | 609.6 | 67.0 | 15 |
| 31713 | DN650 26" | 660.4 | 100.0 | 12 |
| 34240 | DN850 34" | 863.6 | 170.0 | 4 |
| 34244** | DN950 38" | 965.2 | 180.0 | 4 |
| 31727** | DN1000 40" | 1016.0 | 180.0 | 4 |
| 31731** | DN1050 42" | 1066.8 | 185.0 | 4 |
| 34248** | DN1100 44" | 1117.8 | 185.0 | 4 |
| 31725 | - | - | 200.0 | 4 |
| 34252** | DN1400 56" | 1422.4 | 215.0 | 4 |
| 34254** | DN1500 60" | 1524.0 | 220.0 | 4 |
| 34256** | DN1600 64" | 1625.6 | 230.0 | 4 |

| Part Number Vent Hole | Nominal Pipe Size | Dimensions (mm) d | Dimensions (mm) H | Std Pack Qty |
|---|---|---|---|---|
| 43558 | DN15 1/2" | 21.3 | 20.0 | 2000 |
| 43559 | DN20 3/4" | 26.9 | 25.0 | 1500 |
| 43560 | DN25 1" | 33.7 | 30.0 | 800 |
| 10268 | DN32 1¼" | 42.4 | 28.0 | 500 |
| 20547578 | DN40 1½" | 48.3 | 30.0 | 350 |
| 10267 | DN50 2" | 60.3 | 30.0 | 250 |
| 10266 | DN65 2½" | 76.1 | 35.0 | 350 |
| 199481 | DN80 3" | 88.9 | 36.0 | 180 |
| 199483 | DN90 3½" | 101.6 | 40.0 | 100 |
| 199485 | DN100 4" | 114.3 | 40.0 | 100 |
| 199489 | DN125 5" | 139.7 | 40.0 | 70 |
| 199493 | DN150 6" | 168.3 | 40.0 | 48 |
| 199495 | DN200 8" | 219.1 | 40.0 | 25 |
| 199497 | DN250 10" | 273.0 | 45.0 | 25 |
| 199499 | DN300 12" | 323.9 | 50.0 | 18 |
| 43455 | DN400 16" | 406.4 | 60.5 | 25 |
| 43457 | DN500 20" | 508.0 | 65.0 | 20 |
| 43458 | DN600 24" | 609.6 | 67.0 | 15 |
| 42013** | DN1050 42" | 1066.8 | 185.0 | 5 |

* Black LDPE ** Flexible PE
Maximum vent hole size is 4mm on 1 ¼" to 12" pipe caps and as specified for larger sizes.
Nominal diameters above DN 300 - 12" are the exact conversion of the d dimension.

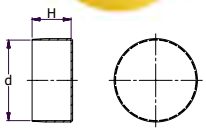
**SR 1388**

## Flexible Pipe Caps

**Flexible PE**

- Rotational moulded caps in more flexible PE material
- Softer material allows easier fitting on pipe
- Range covers wide range of larger sizes






| Part Number | Dimensions (mm) d | Dimensions (mm) H | Nominal Diameter | Std Pack Qty |
|---|---|---|---|---|
| 44100 | 37.7 | 45.0 | - | 1 |
| 34129 | 50.8 | 90.0 | - | 50 |
| 31143 | 55.7 | 43.0 | - | 500 |
| 44029 | 59.4 | 52.0 | - | 1 |
| 48092 | 60.3 | 100.0 | DN 50 - 2" | 1 |
| 48100 | 70.0 | 45.0 | - | 1 |
| 48211 | 75.0 | 92.0 | - | 1 |
| 34148 | 82.5 | 40.0 | - | 50 |
| 48212 | 86.0 | 60.0 | - | 50 |
| 601500 | 88.9 | 60.0 | DN 80 - 3" | 1 |
| 34154 | 92.0 | 43.0 | - | 50 |
| 34157 | 97.0 | 60.0 | - | 50 |
| 34158 | 100.0 | 46.0 | - | 50 |
| 32709 | 101.6 | 100.0 | DN 90 - 3½" | 100 |
| 34161 | 103.0 | 43.0 | - | 50 |
| 461199 | 104.0 | 100.0 | - | 50 |
| 34163 | 105.0 | 43.0 | - | 50 |
| 44031 | 112.7 | 52.0 | - | 1 |
| 32710 | 114.3 | 100.0 | DN 100 - 4" | 70 |
| 34169 | 114.3 | 50.0 | DN 100 - 4" | 150 |
| 41113 | 116.0 | 60.0 | - | 1 |
| 41102 | 117.9 | 50.0 | - | 1 |
| 34170 | 120.9 | 45.0 | - | 1000 |
| 34171 | 122.0 | 45.0 | - | 200 |
| 32711 | 127.0 | 100.0 | DN 115 - 4½" | 60 |
| 34173 | 127.0 | 45.0 | DN 115 - 4½" | 175 |
| 31641 | 128.5 | 90.0 | - | 75 |
| 34174 | 136.0 | 47.0 | - | 150 |
| 34175 | 139.7 | 65.0 | DN 125 - 5" | 100 |
| 461038 | 145.0 | 20.0 | - | 250 |
| 34835 | 148.0 | 50.0 | - | 125 |
| 32713 | 152.4 | 100.0 | DN 140 - 5½" | 50 |
| 32714 | 155.8 | 100.0 | - | 50 |
| 48231 | 159.5 | 20.0 | - | 1 |
| 41180 | 160.0 | 47.0 | - | 100 |
| 39565 | 165.1 | 40.0 | - | 100 |
| 34803 | 168.3 | 100.0 | DN 150 - 6" | 50 |
| 34179 | 168.3 | 50.0 | DN 150 - 6" | 100 |
| 34180 | 171.0 | 50.0 | - | 75 |
| 34839 | 176.8 | 74.0 | - | 50 |
| 41057 | 180.0 | 100.0 | - | 35 |
| 34804 | 185.0 | 100.0 | - | 50 |
| 41139 | 193.7 | 40.0 | - | 1 |
| 31704 | 200.0 | 50.0 | - | 100 |
| 31781 | 210.0 | 50.0 | - | 80 |
| 34841 | 212.0 | 78.0 | - | 50 |
| 31785 | 216.0 | 50.0 | - | 70 |
| 34808 | 219.1 | 100.0 | DN 200 - 8" | 30 |
| 34809 | 219.1 | 120.0 | DN 200 - 8" | 30 |
| 31733 | 219.1 | 55.0 | DN 200 - 8" | 66 |
| 34810 | 273.0 | 100.0 | DN 250 - 10" | 24 |
| 31724 | 273.0 | 115.0 | DN 250 - 10" | 15 |
| 31735 | 273.0 | 65.0 | DN 250 - 10" | 36 |
| 34814 | 323.9 | 100.0 | DN 300 - 12" | 44 |
| 31694 | 323.9 | 75.0 | DN 300 - 12" | 50 |
| 34200 | 330.0 | 75.0 | - | 46 |
| 34201 | 334.0 | 75.0 | - | 46 |
| 34202 | 338.0 | 75.0 | - | 46 |
| 34815 | 355.6 | 100 | DN 350 - 14" | 34 |
| 31664 | 406.4 | 85 | DN 400 - 16" | 30 |
| 31687 | 457.2 | 95 | DN 450 - 18" | 20 |
| 31696 | 762 | 155 | DN 750 - 30" | 46 |
| 31718 | 711.2 | 145 | DN 750 - 28" | 46 |
| 34198 | 315 | 70 | - | 46 |
| 34210 | 445 | 90 | - | 34 |
| 34211 | 455 | 80 | - | 30 |
| 34216 | 495 | 100 | - | 20 |

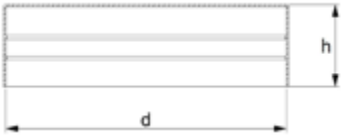
**SR 1387**

# Pipe Cap

**LDPE**

- Grip the external diameter of pipes
- Contains internal ribs for secure fit

NEW






| Part Number | Dimensions (mm) | | |
|---|---|---|---|
| | d | H | Ø nominal tube |
| 20592790 | 4 | 18.8 | |
| 20592806 | 5 | 18.8 | |
| 20592813 | 6 | 18.5 | |
| 20592820 | 6,35 | 18.5 | |
| 20592837 | 7 | 18.5 | |
| 20592844 | 8 | 19.8 | |
| 20592851 | 9,6 | 18.8 | |
| 20592868 | 10 | 18.8 | 1/8" |
| 20592875 | 11 | 19.7 | |
| 20592882 | 11,5 | 19.7 | |
| 20592899 | 12 | 19.6 | |
| 20592905 | 12,7 | 19.9 | |
| 20592912 | 13 | 19.9 | |
| 20592929 | 13,7 | 19.9 | 1/4" |
| 20592936 | 14 | 16.7 | |
| 20592943 | 15 | 20.1 | |
| 20592950 | 15,5 | 16.7 | |
| 20592967 | 16 | 16.7 | |
| 20592974 | 17,2 | 18 | 3/8" |
| 20592981 | 18 | 18 | |
| 20592998 | 18,5 | 18 | |
| 20593001 | 19 | 18 | |
| 20593018 | 20 | 21.3 | |
| 20593025 | 21,3 | 20.8 | 1/2" |
| 20593032 | 22 | 20.8 | |
| 20593049 | 23,2 | 21 | |
| 20593056 | 24 | 21 | |
| 20593063 | 25,4 | 21 | |
| 20593070 | 26 | 25 | |
| 20593087 | 26,9 | 25 | 3/4" |
| 20593094 | 28 | 25 | |
| 20593100 | 28,5 | 25 | |
| 20593117 | 29 | 25 | |
| 20593124 | 30 | 25.6 | |
| 20593131 | 31,8 | 19.2 | |
| 20593148 | 33,7 | 19.2 | 1" |
| 20593155 | 35 | 25.6 | |
| 20593162 | 36,5 | 20.6 | |
| 20593179 | 38 | 20.6 | |
| 20593186 | 40 | 25.6 | |
| 20593193 | 41,3 | 20 | |
| 20593209 | 42,4 | 25.3 | 1.1/4" |
| 20593216 | 44,5 | 21.2 | |
| 20593223 | 45,4 | 21.2 | |
| 20593230 | 47,5 | 25 | |
| 20593247 | 48,3 | 30 | 1.1/2" |
| 20593254 | 51 | 29.5 | |
| 20593261 | 52 | 30.8 | |
| 20593278 | 52,8 | 30.8 | |
| 20593285 | 54 | 30 | 1.3/4" |
| 20593292 | 55 | 30 | |
| 20593308 | 57 | 30 | |
| 20593315 | 60,3 | 27.8 | 2" |
| 20593322 | 63,5 | 28 | |
| 20593339 | 65 | 28 | |
| 20593346 | 67 | 35.4 | |
| 20593353 | 70 | 35.4 | |
| 20593360 | 73 | 29 | |
| 20593377 | 75 | 29 | |
| 20593384 | 77 | 30.5 | |
| 20593391 | 78 | 30.5 | |
| 20593407 | 80 | 30.5 | |
| 20593414 | 82 | 30.5 | |
| 20593421 | 83 | 30.5 | |
| 20593438 | 85 | 30.5 | |
| 20593445 | 88,9 | 35.6 | |
| 20593452 | 90 | 30 | 3" |
| 20593469 | 92,4 | 30 | 3" |
| 20593476 | 95 | 39 | |

| Part Number | Dimensions (mm) | | |
|---|---|---|---|
| | d | H | Ø nominal tube |
| 20593483 | 98 | 31 | |
| 20593490 | 100 | 31 | |
| 20593506 | 101,6 | 29.5 | 3.1/2" |
| 20593513 | 103 | 41 | |
| 20593520 | 106 | 41 | |
| 20593537 | 108 | 38.6 | |
| 20593544 | 110 | 38.6 | |
| 20593551 | 114,3 | 40.3 | 4" |
| 20593568 | 117,5 | 41.5 | |
| 20593575 | 120 | 39 | |
| 20593582 | 121 | 39 | |
| 20593599 | 125 | 39 | |
| 20593605 | 127 | 36.2 | |
| 20593612 | 130 | 40 | |
| 20593629 | 133 | 40 | |
| 20593636 | 136 | 40 | |
| 20593643 | 138 | 32.5 | |
| 20593650 | 139,7 | 40 | 5" |
| 20593667 | 141,3 | 40 | 5" |
| 20593674 | 146 | 40 | |
| 20593681 | 148 | 39 | |
| 20593698 | 152,4 | 39 | |
| 20593704 | 156 | 40 | |
| 20593711 | 160 | 49.5 | |
| 20593728 | 165 | 40 | |
| 20593735 | 168,3 | 39.6 | 6" |
| 20593742 | 170 | 45 | |
| 20593759 | 177,8 | 42 | |
| 20593766 | 180 | 50.5 | |
| 20593773 | 185 | 40 | |
| 20593780 | 190 | 42 | |
| 20593797 | 193,7 | 42 | |
| 20593803 | 200 | 50.7 | |
| 20593810 | 210 | 40 | |
| 20593827 | 219,1 | 44.6 | 8" |
| 20593834 | 225 | 40.3 | |
| 20593841 | 232 | 40 | |
| 20593858 | 242 | 50 | |
| 20593865 | 245 | 50 | |
| 20593872 | 250 | 40.3 | |
| 20593896 | 273 | 51.6 | 10" |
| 20593902 | 280 | 61 | |
| 20593919 | 315 | 50 | |
| 20593926 | 323,9 | 49.5 | 12" |
| 20593933 | 355,6 | 56.8 | 14" |
| 20593940 | 366 | 54 | |
| 20593957 | 400 | 65 | |
| 20593964 | 406,4 | 63.3 | 16" |
| 20593971 | 419 | 58 | |
| 20593988 | 450 | 65 | |
| 20593995 | 457,2 | 64.5 | 18" |
| 20594008 | 508 | 67.5 | 20" |
| 20594015 | 558,8 | 76 | 22" |
| 20594022 | 609,6 | 63.8 | 24" |
| 20594039 | 660,4 | 105 | 26" |
| 20594077 | 863,6 | 170 | 34" |
| 20594091 | 965,2 | 120 | 38" |
| 20594107 | 1016 | 180 | 40" |
| 20594114 | 1066,8 | 185 | 42" |
| 20594121 | 1117,6 | 185 | 44" |
| 20594138 | 1219,2 | 200 | 48" |
| 20594145 | 1320,8 | 150 | 52" |
| 20594152 | 1371,6 | 200 | 54" |
| 20594169 | 1524 | 220 | 60" |
| 20594176 | 1625,6 | 230 | 64" |
| 20594183 | 1930,4 | 200 | 76" |
| 20594190 | 1981,2 | 200 | 78" |
| 20594206 | 2032 | 200 | 80" |
| 20594220 | 2235,2 | 200 | 88" |

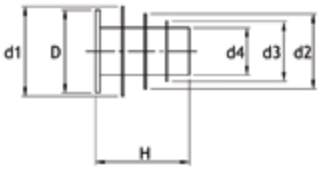
SR 1171

## Ribbed Pipe-End Plug

**Red LDPE**

Extended Range








| Part Number | Pipe Outside Diameter (mm) | Max Wall Thickness (mm) | Number of Fin | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $d_1$ | $d_2$ | $d_3$ | $d_4$ | D | H | |
| 20572327 | 7 | - | 2 | - | - | - | - | 7 | 12 | 2000 |
| 492200 | 10 | - | 2 | 11.7 | 5.7 | - | - | 9.9 | 11.6 | 2000 |
| 492201 | 12 | 4.5 | 2 | 11.8 | 6 | - | - | 11.6 | 11.6 | 2000 |
| 492202 | 15 | 5 | 2 | 17.7 | 9.8 | - | - | 14.6 | 16.3 | 2000 |
| 492203 | 16 | 5 | 2 | 17.6 | 9.8 | - | - | 15.4 | 16.3 | 2000 |
| 492204 | 18 | 6 | 2 | 17.6 | 9.8 | - | - | 17.5 | 16.3 | 2000 |
| 492205 | 20 | 4 | 3 | 22 | 19.3 | 14.4 | 12 | 19.7 | 31.3 | 2000 |
| 492206 | 21.3 | 4.5 | 3 | 22 | 19.5 | 14.7 | 11.8 | 20.8 | 31.3 | 2000 |
| 492207 | 22 | 4.5 | 3 | 22 | 19.6 | 14.5 | 11.9 | 21.8 | 31.3 | 2000 |
| 492208 | 24.8-25.0 | 4.5 | 2 | - | 30.1 | 25 | 15.8 | 24.7 | 31.4 | 2000 |
| 492209 | 26.0-26.9 | 5.5 | 2 | - | 30.1 | 25 | 16 | 26.2 | 31.5 | 2000 |
| 492210 | 28.0-28.5 | 5.5 | 2 | - | 30.1 | 25 | 15.4 | 27.6 | 31.4 | 2000 |
| 492211 | 30 | 8 | 2 | - | 30.1 | 25 | 15.5 | 29.8 | 31.1 | 2000 |
| 492212 | 33.7 | 8 | 2 | - | 38 | 31.7 | 17.9 | 32.2 | 31 | 2000 |
| 492213 | 35 | 8 | 2 | - | 38 | 31.7 | 18.1 | 34.6 | 31.2 | 1000 |
| 492214 | 38 | 8 | 2 | - | 38 | 31.7 | 17.9 | 37.4 | 30.7 | 1000 |
| 492215 | 40 | 8 | 2 | - | 46.7 | 36.9 | 25 | 39.5 | 30.7 | 1000 |
| 492216 | 41.3-42.4 | 8 | 2 | - | 46.7 | 36.9 | 25.9 | 41 | 31 | 1000 |
| 20572334 | 44.5-45.4 | | 2 | | | | | 44 | 30.8 | 1000 |
| 492217 | 47.5-48.3 | 9 | 2 | - | 54.5 | 45.5 | 28.9 | 48.1 | 31.6 | 500 |
| 492218 | 50 | 10 | 2 | - | 54.7 | 45.5 | 29.3 | 48.7 | 31.6 | 500 |
| 492219 | 54 | 10 | 2 | - | 54.7 | 45.1 | 29 | 53.5 | 31.5 | 500 |
| 20572341 | 50 | | 2 | | | | | 56.5 | 25 | 500 |
| 492220 | 60.3 | 14 | 2 | - | 61 | 55.4 | 35.9 | 59.2 | 31.9 | 500 |
| 492221 | 63.5 | 12 | 2 | - | 61 | 55.4 | 36 | 62.7 | 31.7 | 500 |
| 20572358 | 66.7 | | 2 | | | | | 66.3 | 30 | 500 |
| 492222 | 73 | 16 | 2 | - | 74 | 65.3 | 48.2 | 71.2 | 32 | 200 |
| 492223 | 75.0-76.2 | 16 | 2 | - | 74 | 65.3 | 48.7 | 75.2 | 31.6 | 200 |
| 492224 | 85 | 17 | 2 | - | 88.4 | 79 | 60.3 | 84 | 31.5 | 200 |
| 492225 | 88.9 | 17 | 2 | - | 88.4 | 79 | 60.3 | 88.1 | 31.9 | 200 |
| 20572365 | 92.4 | | 2 | | | | | 92 | 30 | 200 |
| 20572372 | 105 | | 2 | | | | | 105 | 35 | 100 |
| 20572389 | 110 | | 2 | | | | | 109.5 | 35 | 100 |
| 492226 | 114.3 | 20 | 2 | - | 113 | 108.5 | 70 | 113.9 | 34.3 | 100 |
| 20572396 | 117.5 | | 2 | | | | | 117 | 35 | 100 |
| 20572402 | 130 | | 2 | | | | | 130 | 35 | 80 |
| 20572419 | 139.7 | | 2 | | | | | 138.5 | 35 | 80 |
| 20572426 | 152.4 | | 2 | | | | | 152 | 35 | 50 |
| 20572433 | 160 | | 2 | | | | | 159.3 | 35 | 50 |
| 20572440 | 168.3 | | 2 | | | | | 167 | 35 | 50 |
| 20572457 | 193.7 | | 2 | | | | | 193 | 40 | 30 |
| 20572464 | 206 | | 2 | | | | | 205.5 | 40 | 30 |
| 20572471 | 219.1 | | 2 | | | | | 218 | 40 | 40 |
| 20572488 | 273 | | 2 | | | | | 272 | 40 | 30 |
| 20572495 | 323.9 | | 2 | | | | | 323 | 40 | 12 |

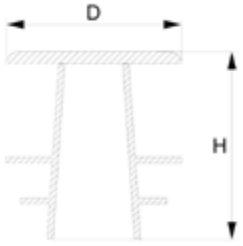
PAR

## Pole Plug

**LDPE**

NEW

- Designed to fit into the open end of a pole, tube, or pipe






| Part Number | Dimensions (mm) | |
|---|---|---|
| | d | Ø Pipe |
| 20570965 | 48.3 | 1 1/2" |
| 20570972 | 60.3 | 2" |
| 20570989 | 76.2 | 2 1/2" |
| 20570996 | 88.9 | 3" |

# Oil Field Tool Joint Protector

**Heavy duty HDPE**

- Engineered to cover the entire thread form and seal area on both internal and external drill-pipe threads.
- Performs well in long-term storage and handling situations.
- Ideal for all pipe grades.
- Most connections are available on request, if not listed.



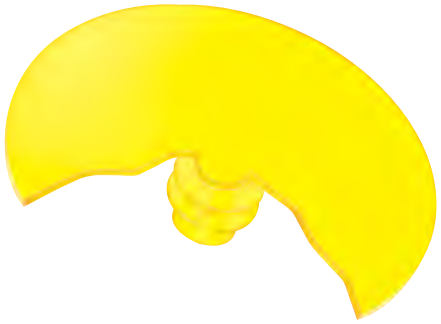
| Part Number | Description | Std Pack Qty (pc) |
|---|---|---|
| **API REG** | | |
| TJP 2 3/8 REG B | 2 3/8 API REG BOX | 1 |
| TJP 2 3/8 REG P | 2 3/8 API REG PIN | 1 |
| TJP 2 7/8 REG B | 2 7/8 API REG BOX | 1 |
| TJP 2 7/8 REG P | 2 7/8 API REG PIN | 1 |
| TJP 3 1/2 REG B | 3 1/2 API REG BOX | 1 |
| TJP 3 1/2 REG P | 3 1/2 API REG PIN | 1 |
| TJP 4 1/2 REG B | 4 1/2 API REG BOX | 1 |
| TJP 4 1/2 REG P | 4 1/2 API REG PIN | 1 |
| TJP 6 5/8 REG B | 6 5/8 API REG BOX | 1 |
| TJP 6 5/8 REG P | 6 5/8 API REG PIN | 1 |
| TJP 7 5/8 REG B | 7 5/8 API REG BOX | 1 |
| TJP 7 5/8 REG P | 7 5/8 API REG PIN | 1 |
| **INTERNAL FLUSH** | | |
| TJP 2 3/8 IF/B | 2 3/8 API IF / NC26 BOX | 1 |
| TJP 2 3/8 IF/P | 2 3/8 API IF / NC26 PIN | 1 |
| TJP 2 7/8 IF/B | 2 7/8 API IF / NC31BOX | 1 |
| TJP 2 7/8 IF/P | 2 7/8 API IF / NC31PIN | 1 |
| TJP 3 1/2 IF/B | 3 1/2 API IF / NC38 BOX | 1 |
| TJP 3 1/2 IF/P | 3 1/2 API IF / NC38 PIN | 1 |
| TJP 4 1/2 IF/B | 4 1/2 API IF / NC50 BOX | 1 |
| TJP 4 1/2 IF/P | 4 1/2 API IF / NC50 PIN | 1 |
| TJP 4 IF / BOX | 4 API IF / NC46 BOX | 1 |
| TJP 4 IF / PIN | 4 API IF / NC46 PIN | 1 |
| TJP 5 1/2 IF BO | TJP 5 1/2 IF BO | 1 |
| TJP 5 1/2 IF PI | TJP 5 1/2 IF PI | 1 |
| **BECO** | | |
| SP BECO 3 BOX | 3 CE BECO BOX | 1 |
| SP BECO 3 PIN | 3 CE BECO PIN | 1 |
| SP BECO 4 BOX | 4 HD CE BECO BOX | 1 |
| SP BECO 4 PIN | 4 HD CE BECO PIN | 1 |
| SP BECO 6 BOX | 6 HD CE BECO BOX | 1 |
| SP BECO 6 PIN | 6 HD CE BECO PIN | 1 |
| SP BECO 8 BOX | 8 HD CE BECO BOX | 1 |
| SP BECO 8 PIN | 8 HD CE BECO PIN | 1 |
| SP BECO3 1/2 B | 3 1/2 HD CE BECO BOX | 1 |
| SP BECO3 1/2 P | 3 1/2 HD CE BECO PIN | 1 |
| SP BECO4 1/2 B | 4 1/2 HD CE BECO BOX | 1 |
| SP BECO4 1/2 P | 4 1/2 HD CE BECO PIN | 1 |
| SP BECO5 1/4 B | 5 1/4 HD CE BECO BOX | 1 |
| SP BECO5 1/4 P | 5 1/4 HD CE BECO PIN | 1 |
| **REMET** | | |
| SP REMET 4 BOX | 4 CE REMET BOX | 1 |
| SP REMET 4 PIN | 4 CE REMET PIN | 1 |
| SP REMET4 1/2 B | 4 1/2 CE REMET BOX | 1 |
| SP REMET4 1/2 P | 4 1/2 CE REMET PIN | 1 |
| **METZKE** | | |
| SP METZKE 4 B | 4 CE METZKE BOX | 1 |
| SP METZKE 4 P | 4 CE METZKE PIN | 1 |
| SP METZKE4 1/2B | 4 1/2 CE METZKE BOX | 1 |
| SP METZKE4 1/2P | 4 1/2 CE METZKE PIN | 1 |
| **FULL HOLE / DIBH / EUE / OTHER** | | |
| SP DIBH 3-1/8 B | 3-1/8 DIBH BOX | 1 |
| SP DIBH 3-1/8 P | 3-1/8 DIBH PIN | 1 |

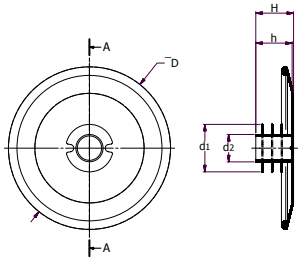
SR 1365

## Full-Face Flange Protectors

**Yellow LDPE**

- Flexible fins ensure snug fit into bores
- For flanges to DN 2627-2638,150,BS5504 and ANSIB16, 5






| Part Number | DIN | Nominal Bore | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | $d_2$ | $d_1$ | D | h | H | |
| 552067 | DN 10 | 3/8" | 6.8 | 14.2 | 86.0 | 20.0 | 21.0 | 800 |
| 552068 | DN 15 | 1/2" | 8.5 | 19.0 | 90.0 | 20.0 | 21.0 | 500 |
| 552069 | DN 20 | 3/4" | 13.0 | 24.0 | 100.0 | 20.0 | 21.1 | 350 |
| 552070 | DN 25 | 1" | 18.0 | 30.0 | 110.0 | 24.0 | 25.0 | 300 |
| 552071 | DN 32 | 1 1/4" | 23.0 | 39.0 | 136.0 | 30.0 | 32.0 | 200 |
| 552072 | DN 40 | 1 1/2" | 30.0 | 45.5 | 146.0 | 30.0 | 32.0 | 200 |
| 552073 | DN 50 | 2" | 40.0 | 56.5 | 160.0 | 30.0 | 32.0 | 100 |
| 552074 | DN 65 | 2 1/2" | 53.0 | 72.5 | 180.0 | 34.0 | 36.0 | 80 |
| 552075 | DN 80 | 3" | 66.0 | 85.5 | 196.0 | 34.0 | 36.0 | 75 |
| 552076 | DN 100 | 4" | 86.0 | 110.0 | 216.0 | 44.0 | 46.0 | 50 |
| 552077 | DN 125 | 5" | 110.0 | 134.0 | 246.0 | 44.0 | 46.0 | 35 |
| 552078 | DN 150 | 6" | 139.0 | 163.0 | 280.0 | 48.0 | 50.0 | 25 |
| 552079 | DN 200 | 8" | 186.0 | 210.0 | 336.0 | 50.0 | 52.0 | 16 |
| 552080 | DN 250 | 10" | 237.0 | 263.0 | 403.0 | 50.0 | 52.0 | 7 |
| 1258269 | DN 300 | 12" | 284.0 | 319.0 | 450.0 | - | 48.5 | 10 |

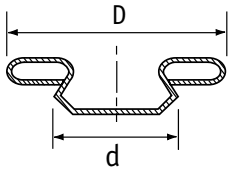
SR 1354

## Face Protectors

**Yellow Polyethylene**

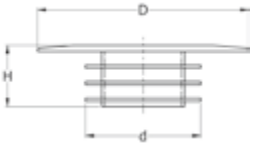
- Protect against dirt, moisture, paint and sand blasting
- Suitable for DIN and ANSI flanges






Type 1






Type 3

| Part Number | Type | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | | D | d | H | |
| 32441 | 1 | DN 65 2 1/2" | 122.0 | 63 - 70 | - | 50 |
| 32442 | 1 | DN 80 3" | 138.0 | 76 - 83 | - | 50 |
| 32443 | 1 | DN 100 4" | 162.0 | 100 - 107 | - | 150 |
| 32444 | 1 | DN 125 5" | 188.0 | 123 - 132 | - | 100 |
| 32445 | 1 | DN 150 6" | 218.0 | 149 - 159 | - | 75 |
| 32446 | 1 | DN 200 8" | 285.0 | 196 - 207 | - | 40 |
| 32447 | 1 | DN 250 10" | 345.0 | 247 - 260 | - | 25 |
| 32448 | 1 | DN 300 12" | 410.0 | 295 - 310 | - | 15 |
| 32449 | 1 | DN 350 14" | 465.0 | 325 - 341 | - | 10 |
| 32450 | 1 | DN 400 16" | 530.0 | 374 - 392 | - | 12 |
| 32451 | 1 | DN 450 18" | 570.0 | 424 - 443 | - | 10 |
| 32452 | 1 | DN 500 20" | 625.0 | 472 - 494 | - | 8 |
| 34370 | 1 | DN 600 24" | 725.0 | 570 - 596 | - | 8 |
| 494283 | 3 | DN 15 1/2" | 45.0 | 19.0 | 16.5 | 500 |
| 494284 | 3 | DN 20 3/4" | 58.0 | 24.0 | 16.5 | 500 |
| 494285 | 3 | DN 25 1" | 70.0 | 30.0 | 19.5 | 500 |
| 494286 | 3 | DN 32 1 1/4" | 78.0 | 39.0 | 29.5 | 500 |
| 494287 | 3 | DN 40 1 1/2" | 88.0 | 45.0 | 29.5 | 400 |
| 494288 | 3 | DN 50 2" | 102.0 | 56.0 | 29.5 | 200 |
| 494289 | 3 | DN 65 2 1/2" | 122.0 | 72.0 | 34.5 | 200 |
| 494290 | 3 | DN 80 3" | 138.0 | 85.0 | 34.5 | 150 |
| 494291 | 3 | DN 100 4" | 163.0 | 119.0 | 36.5 | 100 |
| 494292 | 3 | DN 125 5" | 190.0 | 143.0 | 36.5 | 100 |
| 494293 | 3 | DN 150 6" | 215.0 | 170.0 | 36.5 | 50 |
| 494294 | 3 | DN 200 8" | 270.0 | 221.0 | 41.5 | 30 |
| 494295 | 3 | DN 250 10" | 345.0 | 275.0 | 41.5 | 20 |
| 494296 | 3 | DN 300 12" | 408.0 | 325.0 | 41.5 | 10 |

SR 1076

## SAE High-Pressure Flange Protectors

**Polyethylene**



**3000 Series - Blue, 6000 Series - Red**

| Part Number | Nominal Diameter | Series Pressure Group (lbs) | Std Pack Qty |
|---|---|---|---|
| 34371 | ½" | 3000 | 2000 |
| 498754 | ½" | 6000 | 2000 |
| 34372 | ¾" | 3000 | 1000 |
| 34382 | ¾" | 6000 | 1000 |
| 34373 | 1" | 3000 | 1000 |
| 34383 | 1" | 6000 | 700 |
| 34374 | 1¼" | 3000 | 700 |
| 34384 | 1¼" | 6000 | 500 |
| 34375 | 1½" | 3000 | 450 |
| 34385 | 1½" | 6000 | 400 |
| 34376 | 2" | 3000 | 400 |
| 34386 | 2" | 6000 | 250 |
| 34377 | 2½" | 3000 | 300 |
| 498751 | 3" | 3000 | 50 |
| 498752 | 4" | 3000 | 50 |

SR 1355

## Flange Protectors

**Black LDPE**



| Part Number | Nominal Diameter | Series Pressure Group (lbs) | Std Pack Qty |
|---|---|---|---|
| 43607* | ½" | 150 | 400 |
| 34352 | ½" | 300/600 | 500 |
| 498759 | ½" | 900 | 400 |
| 43608* | ¾" | 150 | 350 |
| 34353 | ¾" | 300/600 | 325 |
| 498765 | ¾" | 900 | 300 |
| 43609* | 1" | 150 | 250 |
| 34354 | 1" | 300/600 | 280 |
| 498760 | 1" | 900 | 250 |
| 34343 | 1¼" | 150 | 350 |
| 34355 | 1¼" | 300/600 | 200 |
| 498758 | 1¼" | 900 | 200 |
| 43610* | 1½" | 150 | 200 |
| 34356 | 1½" | 300/600 | 150 |
| 498757 | 1½" | 900 | 100 |
| 43611* | 2" | 150 | 175 |
| 39701 | 2" | 300/600 | 125 |
| 498764 | 2" | 900 | 100 |
| 43612* | 2½" | 140 | 140 |
| 34358 | 2½" | 300/600 | 100 |
| 43613* | 3" | 150 | 70 |
| 34359 | 3" | 300/600 | 100 |
| 498766 | 3" | 900 | 50 |

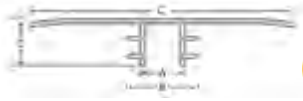
* Variations in style - give protection to flange face and area surrounding bolt holes.

FDN Series

## Full Face Flange Covers

**Yellow LDPE**

- Designed to cater for all applications.
- They provide a fast, clean, easy and cost effective solution for flange protection.





| Part Number | A mm | B mm | C mm | D mm | Std Pack Qty |
|---|---|---|---|---|---|
| 552067 | 7.0 | 14.1 | 86 | 15.4 | 10 |
| 552068 | 9.1 | 19.2 | 90 | 16.1 | 10 |
| 552069 | 14.3 | 24.0 | 100 | 21.1 | 10 |
| 552070 | 18.4 | 29.9 | 110 | 21.0 | 10 |
| 552071 | 22.5 | 39.1 | 136 | 20.0 | 10 |
| 552072 | 30.0 | 45.0 | 146 | 21.0 | 10 |
| 552073 | 40.0 | 56.0 | 160 | 20.3 | 10 |
| 552074 | 53.0 | 72.0 | 181 | 20.5 | 10 |
| 552075 | 67.0 | 85.0 | 195 | 24.7 | 10 |
| 552076 | 90.0 | 109.25 | 217 | 23.6 | 10 |
| 552077 | 111.0 | 134.0 | 246 | 26.1 | 10 |
| 552078 | 139.5 | 164.0 | 280 | 32.2 | 10 |
| 552079 | 187.0 | 208.6 | 336 | 33.5 | 10 |
| 552080 | 244.0 | 266.0 | 403 | 35.6 | 10 |
| 1258269 | 284.0 | 319.0 | 450 | 48.5 | 10 |

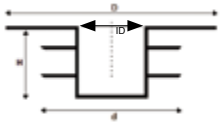
RF Series

## ANSI Pipe Protectors

**Blue LDPE**



- Suits all wall thicknesses (schedules).
- Covers raised face only.
- Ideal for sandblasting applications.
- Suits 150lb - 2500lb rating.
- Size above 350NB is also available. Please contact Essentra Australia office.




| Part Number | Pipe size | D (mm) | ID (mm) | d (mm) | Std Pack Qty (pc) |
|---|---|---|---|---|---|
| RF15NB | 1/2” | 45 | 10 | 17.5 | 1 |
| RF20NB | 3/4” | 58 | 14 | 22 | 1 |
| RF25NB | 1” | 68 | 18 | 29 | 1 |
| RF32NB | 1 1/4” | 78 | 24.5 | 37 | 1 |
| RF40NB | 1 1/2” | 87 | 30 | 44.5 | 1 |
| RF50NB | 2” | 102 | 41 | 55 | 1 |
| RF65NB | 2 1/2” | 118 | 46 | 69 | 1 |
| RF80NB | 3” | 133 | 54.5 | 84 | 1 |
| RF100NB | 4” | 157 | 73 | 104 | 1 |
| RF125NB | 5” | 187 | 108 | 133 | 1 |
| RF150NB | 6” | 216 | 132 | 159 | 1 |
| RF200NB | 8” | 277 | 180 | 210 | 1 |
| RF250NB | 10” | 325 | 220 | 261 | 1 |
| RF300NB | 12” | 383 | 273 | 308 | 1 |
| RF350NB | 14” | 418 | 322 | 358 | 1 |
| RF400NB | 16” | 470 | 375 | 409 | 1 |
| RF450NB | 18” | 530 | 420 | 465 | 1 |
| RF500NB | 20” | 583 | 470 | 540 | 1 |

SR 1076

## SAE High-Pressure Flange Protectors

**SAE High-Pressure Flange Protectors**
**PE**

- The BFP series (Blue Color)are used to protect SAE Code 61 3000 PSI flanges
- The XP series (Red Color) are used to protect SAE Code 62 6000





| Part Number | Nominal Pipe Size (In) | Class Pressure Rating | Bulk Pack Qty. |
|---|---|---|---|
| BFP1/2A | 1/2" | 3000 | 2000 |
| BFP3/4A | 3/4" | 3000 | 1000 |
| BFP1A | 1" | 3000 | 1000 |
| BFP1-1/4A | 1-1/4" | 3000 | 700 |
| BFP1-1/2A | 1 1/2" | 3000 | 450 |
| BFP2A | 2" | 3000 | 400 |
| BFP2-1/2A | 2 1/2" | 3000 | 300 |
| BFP3A | 3" | 3000 | 50 |
| BFP4A | 4" | 3000 | 50 |
| XP1/2A | 1/2" | 6000 | 2000 |
| XP3/4A | 3/4" | 6000 | 1000 |
| XP1A | 1" | 6000 | 700 |
| XP1-1/4A | 1 1/4" | 6000 | 500 |
| XP1-1/2A | 1 1/2" | 6000 | 400 |
| XP2A | 2" | 6000 | 250 |

**150, 300, 600 & 900 Series**

## Quick-Fit Raised-Face Protectors

**Polyethylene, Color refer to chart**

- Meets ANSI B16.5 and API specifications
- Suitable for use on ASA and BS1560 flanges
- Quickly fits into flange bolt holes
- Weather and petroleum resistant
- Requires no fasteners





| Part Number | Nominal Pipe Size (In) | Class Pressure Rating | Color | Bulk Pack Qty. |
|---|---|---|---|---|
| 43607* | ½" | 150 | Black | 400 |
| 3001/2A | ½" | 300/600 | Black | 500 |
| 9001/2A | ½" | 900 | Black | 400 |
| 43608* | ¾" | 150 | Black | 350 |
| 3003/4A | ¾" | 300/600 | Black | 325 |
| 9003/4A | ¾" | 900 | Black | 300 |
| 43609* | 1" | 150 | Black | 250 |
| 3001A | 1" | 300/600 | Black | 280 |
| 9001A | 1" | 900 | Black | 250 |
| 1501-1/4A | 1¼" | 150 | Black | 350 |
| 3001-1/4A | 1¼" | 300/600 | Black | 200 |
| 9001-1/4A | 1¼" | 900 | Black | 200 |
| 43610* | 1½" | 150 | Black | 200 |
| 3001-1/2A | 1½" | 300/600 | Black | 150 |
| 9001-1/2A | 1½" | 900 | Black | 100 |
| 43611* | 2" | 150 | Black | 175 |
| 3002A | 2" | 300/600 | Black | 125 |
| 9002A | 2" | 900 | Black | 100 |
| 43612* | 2½" | 150 | Black | 140 |
| 3002-1/2A | 2½" | 300/600 | Black | 100 |
| 43613* | 3" | 150 | Black | 70 |
| 3003A | 3" | 300/600 | Black | 100 |
| 9003A | 3" | 900 | Black | 50 |
| 3003-1/2A | 3½" | 300 | Black | 80 |
| 3004A | 4“ | 300 | Black | 80 |
| 6004A | 4“ | 600 | Black | 50 |
| 9004A | 4“ | 900 | Black | 50 |
| 3006A | 6“ | 300 | Black | 40 |
| 6006A | 6“ | 600 | Black | 30 |

| Part Number | Nominal Pipe Size (In) | Class Pressure Rating | Color | Bulk Pack Qty. |
|---|---|---|---|---|
| 9006A | 6“ | 900 | Black | 20 |
| 3008A | 8“ | 300 | Black | 45 |
| 6008A | 8“ | 600 | Black | 20 |
| 9008A | 8“ | 900 | Black | 20 |
| 30010A | 10” | 300 | Black | 35 |
| 60010A | 10” | 600 | Black | 10 |
| 90010A | 10” | 900 | Black | 10 |
| 30012A | 12” | 300 | Black | 25 |
| 60012A | 12” | 600 | Black | 10 |
| 90012A | 12” | 900 | Black | 10 |
| 1501/2A | ½" | 125/150 | Blue | 600 |
| 1503/4A | ¾" | 125/150 | Blue | 550 |
| 1501A | 1" | 125/150 | Blue | 400 |
| 1501-1/2A | 1½" | 125/150 | Blue | 250 |
| 1502A | 2" | 125/150 | Blue | 200 |
| 1502-1/2A | 2½" | 125/150 | Blue | 150 |
| 1503A | 3" | 125/150 | Blue | 100 |
| 1503-1/2A | 3½" | 125/150 | Blue | 100 |
| 1504A | 4“ | 125/150 | Blue | 100 |
| 900098 | 5” | 150 | Blue | 50 |
| 900099 | 5” | 300 | Blue | 50 |
| 1506A | 6“ | 125/150 | Blue | 90 |
| 1508A | 8“ | 125/150 | Blue | 70 |
| 15010A | 10” | 125/150 | Blue | 35 |
| 15012A | 12” | 125/150 | Blue | 30 |

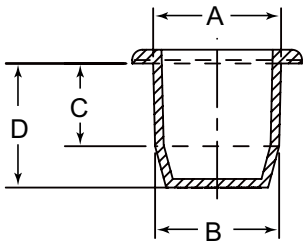
**FLS Series**

# Flange Protector Retainer Plugs

**Black PVC**

- Used to secure the PRB, PCF and RFL Series








| Part Number | To Fit Bolt Hole In | A In | B In | C In | D In | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|
| FLS005B | 5/8 | 0.640 | 0.625 | 0.750 | 1.130 | 1 | 3000 |
| FLS010B | 3/4 | 0.775 | 0.755 | 0.750 | 1.130 | 1 | 2000 |
| FLS015B | 7/8 | 0.900 | 0.880 | 0.820 | 1.200 | 1 | 2500 |
| FLS020B | 1 | 1.020 | 1.010 | 0.990 | 1.370 | 1 | 1500 |
| FLS025B | 1-1/8 | 1.165 | 1.135 | 1.000 | 1.380 | 1 | 1000 |
| FLS030B | 1-1/4 | 1.275 | 1.260 | 1.120 | 1.490 | 1 | 1000 |
| FLS035B | 1-3/8 | 1.410 | 1.390 | 1.360 | 1.740 | 1 | 750 |
| FLS040B | 1-1/2 | 1.545 | 1.510 | 1.370 | 1.730 | 1 | 750 |

| Part Number | To Fit Bolt Hole In | A In | B In | C In | D In | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|
| FLS045B | 1-5/8 | 1.665 | 1.645 | 1.360 | 1.730 | 1 | 500 |
| FLS050B | 1-3/4 | 1.770 | 1.750 | 1.360 | 1.700 | 1 | 400 |
| FLS055B | 1-7/8 | 1.905 | 1.875 | 1.630 | 2.000 | 1 | 300 |
| FLS060B | 2 | 2.035 | 2.000 | 1.630 | 2.000 | 1 | 250 |
| FLS065B | 2-1/8 | 2.160 | 2.125 | 1.630 | 2.000 | 1 | 200 |
| FLS070B | 2-3/8 | 2.410 | 2.375 | 1.750 | 2.130 | 1 | 100 |
| FLS075B | 2-5/8 | 2.660 | 2.625 | 1.750 | 2.130 | 1 | 50 |
| FLS080B | 3-5/8 | 3.660 | 3.625 | 1.750 | 2.130 | 1 | 50 |

**SF Series**

# Flange Protectors

**Natural LDPE**

- Designed to protect 4 bolt split flange connections.
- They push on easily and fit securely with an internal bead.
- The natural translucent polyethylene allows the “O” ring to remain visible after the cap is applied.
- The SF range suits code 61 (3000psi) flanges. Code 62 (6000psi) can also be supplied.



| Part Number | Flange Size | A mm | B mm | C mm | Std Pack Qty |
|---|---|---|---|---|---|
| SF08 | 1/2 | 5.8 | 10.0 | 30.2 | 100 / 1000 |
| SF10 | 5/8 | 5.8 | 10.0 | 34.3 | 100 / 1000 |
| SF12 | 3/4 | 5.8 | 10.0 | 38.1 | 100 / 1000 |
| SF16 | 1 | 7.1 | 11.0 | 44.5 | 100 / 1000 |
| SF20 | 1 1/4 | 7.1 | 11.0 | 50.8 | 100 / 1000 |
| SF24 | 1 1/2 | 7.1 | 11.0 | 60.5 | 100 / 1000 |
| SF32 | 2 | 8.6 | 12.7 | 71.4 | 100 / 1000 |
| SF40 | 2 1/2 | 8.6 | 12.7 | 84 | 100 / 1000 |
| SF48 | 3 | 8.6 | 12.7 | 101.6 | 100 / 1000 |



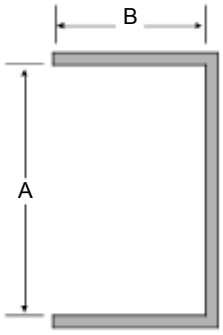
**LC Series**

## Large Pipe Caps

- Generally used to protect the bevel edge on steel pipes.
- Easy to apply and remove.
- We can supply caps up to a diameter of 2 metres. All sizes from LC20 upwards are normally manufactured to order.



| Part Number | NB Size | A mm | B mm | Std Pack Qty |
|---|---|---|---|---|
| LC08 | 200 | 219.0 | 58.7 | 1 |
| LC10 | 250 | 273.0 | 58.7 | 1 |
| LC12 | 300 | 323.8 | 76.2 | 1 |



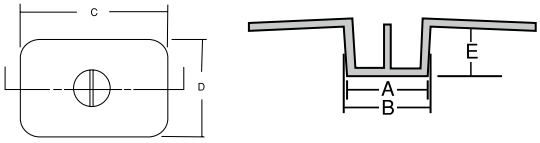

**SFP Series**

## Flange Protectors

**Red LDPE**

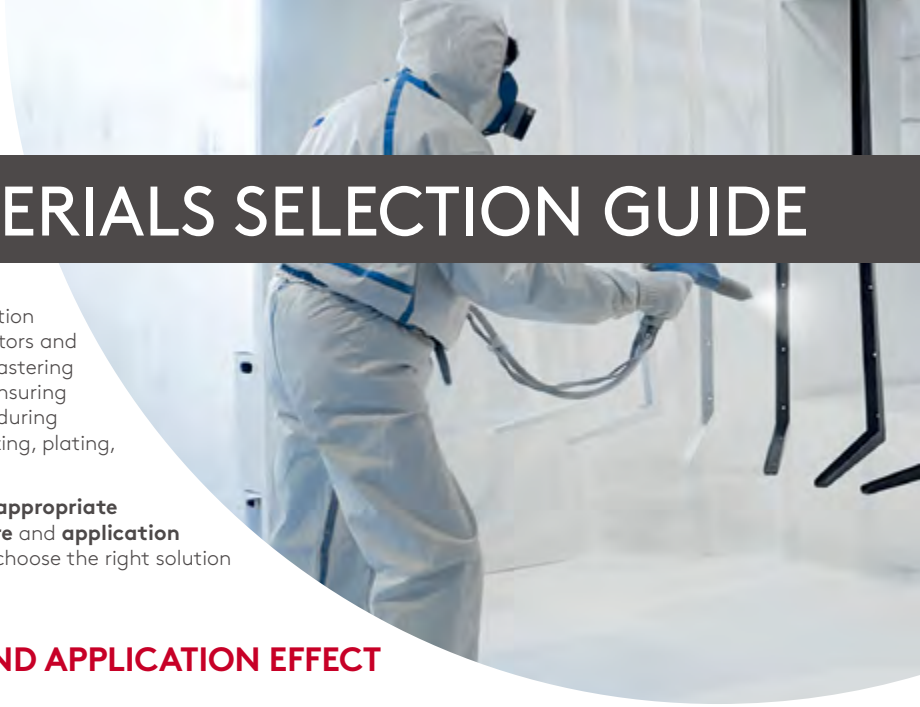
- Designed for use on SAE 3000 lb. four bolt split hydraulic flanges.
- The SFP cover protects the port by fitting snugly and firmly into the opening with an integral D surrounding apron protecting the flange surface.






| Part Number | Flange Dash Size | To Fit Flange Size | A mm | B mm | C mm | D mm | E mm | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| SFP12 | -12 | 3/4 | 18.54 | 20.0 | 65.0 | 41.1 | 12.7 | 100 / 1000 |
| SFP16 | -16 | 1 | 24.89 | 26.4 | 69.8 | 47.7 | 12.7 | 100 / 1000 |
| SFP20 | -20 | 1 1/4 | 31.24 | 32.8 | 79.2 | 50.8 | 12.7 | 100 / 1000 |
| SFP24 | -24 | 1 1/2 | 37.09 | 39.4 | 93.7 | 60.5 | 12.7 | 100 / 1000 |
| SFP32 | -32 | 2 | 49.79 | 52.1 | 101.6 | 69.8 | 12.7 | 100 / 1000 |
| SFP40 | -40 | 2 1/2 | 62.49 | 64.8 | 114.3 | 82.5 | 12.7 | 100 / 1000 |

# MASKING MATERIALS SELECTION GUIDE



Masking is often an essential part of the production and finishing process for manufacturers, fabricators and machine builders all over the world. However, mastering this process can be a challenge, particularly in ensuring that your masking solution behaves as required during wet painting, powder coating, e-coating, anodizing, plating, blasting and drying.

The key to success revolves around selecting an **appropriate material**, suited to your **operating temperature** and **application process**. The below application guide helps you choose the right solution dependant on your intended processes.

## HOW DOES TEMPERATURE AND APPLICATION EFFECT YOUR MATERIAL CHOICE?

| | Material | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Application** | **TPR** | **Crepe Paper Tape** | **Polyester Tape** | **EPDM** | **Paper** | **Flexible PVC** | **Fibreglass Cloth Tape** | **Polyimide Tape** | **Silicone** |
| Powder Coating | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| E-Coating | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Anodizing | ✓ | | ✓ | ✓ | | ✓ | | ✓ | ✓ |
| Plating | ✓ | | ✓ | ✓ | | ✓ | | ✓ | ✓ |
| Wet Paint | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Blasting | ✓ | | | ✓ | | | ✓ | | ✓ |
| **Max Temp** | **+125°C** | **+180°C** | **+180°C** | **+180°C** | **+205°C** | **+210°C** | **+250°C** | **+260°C** | **+350°C** |

*Please note that due to the number of variables in each process such as temperature and pre-treatment, Essentra recommends that a free sample is requested to test in application. We do not assume any liability for the materials, specifications or information provided. For complete service temperature and other physical properties of our product's material, please refer the actual product material technical data sheet (available upon request).

## SOME PRODUCT APPLICATION EXAMPLES:

**Equipment Manufacturing:** Cabinets – when masking a hole where a cylindrical lock may fit, a **High Temperature Silicone Plug** can be used to withstand demanding processes and keep the hole clean.
***More details on page 73 - 82***

**Metal Fabrication:** Sheet Metal – to economically mask a variety of areas when powder coating or e-coating sheet metal, try an easy to apply and remove **Polyimide Tape**.
***More details on page 88***

**Commercial Vehicles:** Tractors – many bolts and extrusions found on commercial vehicles often act as earth points. It's essential to maintain safety requirements and retain functionality by masking with a **Multi-Flex Cap**.
***More details on page 83***

**Automotive:** Fuel Pumps – protect threads and prevent contamination during blasting, powder coating and transit by using an **EPDM** or **TPR High Temperature Cap/Plug**.
***More details on page 84 - 87***

For free samples, no-obligation quotes, advice about our products or to place an order, please contact us by phone, email or web. Refer to the back cover of this catalogue for contact information.

SR 1172

# Flange Protection Disc

**PolyCor™ Corrugated LDPE**

- Provides simple, cost-effective protection for flanges
- Covers full flange face - applied by strapping cable ties through bolt holes
- Wide range covers variety of sizes and pressure ratings
- DIN Flanges DN 10 to DN 600 - Pressure Groups PN 6, 10, 16, 25 and 40
- ANSI Flanges ½" to 32" - Pressure Groups 150, 300, 600 and 900 lbs





### DIN - PN 6 Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491795 | DN 10 | 75.0 | 50.0 | 11.0 | 50 | 460223 |
| 491796 | DN 15 | 80.0 | 55.0 | 11.0 | 50 | 460223 |
| 491797 | DN 20 | 90.0 | 65.0 | 11.0 | 50 | 460223 |
| 491799 | DN 32 | 120.0 | 90.0 | 14.0 | 50 | 460223 |
| 491800 | DN 40 | 130.0 | 100.0 | 14.0 | 50 | 460223 |
| 491801 | DN 50 | 140.0 | 110.0 | 14.0 | 50 | 460223 |
| 491802 | DN 65 | 160.0 | 130.0 | 14.0 | 50 | 460223 |
| 491803 | DN 80 | 190.0 | 150.0 | 18.0 | 50 | 460223 |
| 491804 | DN 100 | 210.0 | 170.0 | 18.0 | 50 | 460223 |
| 491805 | DN 125 | 240.0 | 200.0 | 18.0 | 50 | 460223 |
| 491806 | DN 150 | 265.0 | 225.0 | 18.0 | 25 | 460223 |
| 491807 | DN 200 | 320.0 | 280.0 | 18.0 | 25 | 460223 |
| 491808 | DN 250 | 375.0 | 335.0 | 18.0 | 25 | 460223 |
| 491809 | DN 300 | 440.0 | 395.0 | 22.0 | 25 | 460223 |
| 491810 | DN 350 | 490.0 | 445.0 | 22.0 | 25 | 460223 |
| 491811 | DN 400 | 540.0 | 495.0 | 22.0 | 10 | 460223 |
| 491812 | DN 500 | 645.0 | 600.0 | 22.0 | 10 | 460223 |
| 491813 | DN 600 | 755.0 | 705.0 | 24.0 | 10 | 460223 |

### DIN - PN 10 Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491814 | DN 10 | 90.0 | 60.0 | 14.0 | 50 | 460223 |
| 491815 | DN 15 | 95.0 | 65.0 | 14.0 | 50 | 460223 |
| 491816 | DN 20 | 105.0 | 75.0 | 14.0 | 50 | 460223 |
| 491817 | DN 25 | 115.0 | 85.0 | 14.0 | 50 | 460223 |
| 491818 | DN 32 | 140.0 | 100.0 | 18.0 | 50 | 460223 |
| 491819 | DN 40 | 150.0 | 110.0 | 18.0 | 50 | 460223 |
| 491820 | DN 50 | 165.0 | 125.0 | 18.0 | 50 | 460223 |
| 491821 | DN 65 | 185.0 | 145.0 | 18.0 | 50 | 460223 |
| 491822 | DN 80 | 200.0 | 160.0 | 18.0 | 50 | 460223 |
| 491823 | DN 100 | 220.0 | 180.0 | 18.0 | 50 | 460223 |
| 491824 | DN 125 | 250.0 | 210.0 | 18.0 | 50 | 460223 |
| 491825 | DN 150 | 285.0 | 240.0 | 22.0 | 25 | 460223 |
| 491826 | DN 200 | 340.0 | 295.0 | 22.0 | 25 | 460223 |
| 491827 | DN 250 | 395.0 | 350.0 | 22.0 | 25 | 460223 |
| 491828 | DN 300 | 445.0 | 400.0 | 22.0 | 25 | 460223 |
| 491829 | DN 350 | 505.0 | 460.0 | 22.0 | 25 | 460223 |
| 491830 | DN 400 | 565.0 | 515.0 | 26.0 | 10 | 460223 |
| 491831 | DN 500 | 670.0 | 620.0 | 26.0 | 10 | 460223 |
| 491832 | DN 600 | 780.0 | 725.0 | 27.0 | 10 | 460224 |

### DIN - PN 16 Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491814 | DN 10 | 90.0 | 60.0 | 14.0 | 50 | 460223 |
| 491815 | DN 15 | 95.0 | 65.0 | 14.0 | 50 | 460223 |
| 491816 | DN 20 | 105.0 | 75.0 | 14.0 | 50 | 460223 |
| 491817 | DN 25 | 115.0 | 85.0 | 14.0 | 50 | 460223 |
| 491818 | DN 32 | 140.0 | 100.0 | 18.0 | 50 | 460223 |
| 491819 | DN 40 | 150.0 | 110.0 | 18.0 | 50 | 460223 |
| 491820 | DN 50 | 165.0 | 125.0 | 18.0 | 50 | 460223 |
| 491821 | DN 65 | 185.0 | 145.0 | 18.0 | 50 | 460223 |
| 491822 | DN 80 | 200.0 | 160.0 | 18.0 | 50 | 460223 |
| 491823 | DN 100 | 220.0 | 180.0 | 18.0 | 50 | 460223 |
| 491824 | DN 125 | 250.0 | 210.0 | 18.0 | 50 | 460223 |
| 491825 | DN 150 | 285.0 | 240.0 | 22.0 | 25 | 460223 |
| 492142 | DN 200 | 340.0 | 295.0 | 22.0 | 25 | 460223 |
| 492143 | DN 250 | 405.0 | 355.0 | 26.0 | 25 | 460223 |
| 492144 | DN 300 | 460.0 | 410.0 | 26.0 | 25 | 460223 |
| 492145 | DN 350 | 520.0 | 470.0 | 26.0 | 10 | 460223 |
| 492146 | DN 400 | 580.0 | 525.0 | 30.0 | 10 | 460223 |
| 492147 | DN 500 | 715.0 | 650.0 | 33.0 | 10 | 460224 |
| 492148 | DN 600 | 840.0 | 770.0 | 33.0 | 10 | 460224 |

### DIN - PN 25 Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | |
| 491814 | DN 10 | 90.0 | 60.0 | 14.0 | 50 |
| 491815 | DN 15 | 95.0 | 65.0 | 14.0 | 50 |
| 491816 | DN 20 | 105.0 | 75.0 | 14.0 | 50 |
| 491817 | DN 25 | 115.0 | 85.0 | 14.0 | 50 |
| 491818 | DN 32 | 140.0 | 100.0 | 18.0 | 50 |
| 491819 | DN 40 | 150.0 | 110.0 | 18.0 | 50 |
| 491820 | DN 50 | 165.0 | 125.0 | 18.0 | 50 |
| 492149 | DN 65 | 185.0 | 145.0 | 18.0 | 50 |
| 492150 | DN 80 | 200.0 | 160.0 | 18.0 | 50 |
| 492151 | DN 100 | 235.0 | 190.0 | 22.0 | 50 |
| 492152 | DN 125 | 270.0 | 220.0 | 26.0 | 25 |
| 492153 | DN 150 | 300.0 | 250.0 | 26.0 | 25 |
| 492154 | DN 200 | 360.0 | 310.0 | 26.0 | 25 |
| 492155 | DN 250 | 425.0 | 370.0 | 30.0 | 25 |
| 492156 | DN 300 | 485.0 | 430.0 | 30.0 | 25 |
| 492158 | DN 400 | 620.0 | 550.0 | 36.0 | 10 |
| 492160 | DN 600 | 845.0 | 770.0 | 36.0 | 10 |

*TO CONTINUE NEXT PAGE*

**SR 1172**

# Flange Protection Disc *CONTINUED*

**Black Rubber**



Cable ties fastened through bolt holes secure disc to flange

### DIN - PN 40 Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491814 | DN 10 | 90.0 | 60.0 | 14.0 | 50 | 460223 |
| 491815 | DN 15 | 95.0 | 65.0 | 14.0 | 50 | 460223 |
| 491816 | DN 20 | 105.0 | 75.0 | 14.0 | 50 | 460223 |
| 491817 | DN 25 | 115.0 | 85.0 | 14.0 | 50 | 460223 |
| 491818 | DN 32 | 140.0 | 100.0 | 18.0 | 50 | 460223 |
| 491819 | DN 40 | 150.0 | 110.0 | 18.0 | 50 | 460223 |
| 491820 | DN 50 | 165.0 | 125.0 | 18.0 | 50 | 460223 |
| 492149 | DN 65 | 185.0 | 145.0 | 18.0 | 50 | 460223 |
| 492150 | DN 80 | 200.0 | 160.0 | 18.0 | 50 | 460223 |
| 492151 | DN 100 | 235.0 | 190.0 | 22.0 | 50 | 460223 |
| 492152 | DN 125 | 270.0 | 220.0 | 26.0 | 25 | 460223 |
| 492153 | DN 150 | 300.0 | 250.0 | 26.0 | 25 | 460223 |
| 492161 | DN 200 | 375.0 | 320.0 | 30.0 | 25 | 460224 |
| 492162 | DN 250 | 450.0 | 385.0 | 33.0 | 25 | 461183 |
| 492163 | DN 300 | 515.0 | 450.0 | 33.0 | 10 | 461183 |
| 492164 | DN 350 | 580.0 | 510.0 | 36.0 | 10 | 461183 |
| 492165 | DN 400 | 660.0 | 585.0 | 39.0 | 10 | 461184 |
| 492166 | DN 500 | 755.0 | 670.0 | 42.0 | 10 | 461184 |

### ANSI - 150 lbs Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491700 | ½" | 88.9 | 60.3 | 15.9 | 50 | 460223 |
| 491701 | ¾" | 98.4 | 69.9 | 15.9 | 50 | 460223 |
| 491702 | 1" | 108.0 | 79.4 | 15.9 | 50 | 460223 |
| 491703 | 1¼" | 117.5 | 88.9 | 15.9 | 50 | 460223 |
| 491704 | 1½" | 127.0 | 98.4 | 15.9 | 50 | 460223 |
| 491705 | 2" | 152.4 | 120.7 | 19.1 | 50 | 460223 |
| 491706 | 2½" | 177.8 | 139.7 | 19.1 | 50 | 460223 |
| 491707 | 3" | 190.5 | 152.4 | 19.1 | 50 | 460223 |
| 491708 | 3½" | 215.9 | 177.8 | 19.1 | 50 | 460223 |
| 491709 | 4" | 228.6 | 190.5 | 19.1 | 50 | 460223 |
| 491710 | 5" | 254.0 | 215.9 | 22.2 | 50 | 460223 |
| 491711 | 6" | 279.4 | 241.3 | 22.2 | 25 | 460223 |
| 491712 | 8" | 342.9 | 298.5 | 22.2 | 25 | 460223 |
| 491713 | 10" | 406.4 | 362.0 | 25.4 | 25 | 460223 |

### ANSI - 300 lbs Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491727 | ½" | 95.3 | 66.7 | 15.9 | 50 | 460223 |
| 491728 | ¾" | 117.5 | 82.6 | 19.1 | 50 | 460223 |
| 491729 | 1" | 123.8 | 88.9 | 19.1 | 50 | 460223 |
| 491730 | 1¼" | 133.4 | 98.4 | 19.1 | 50 | 460223 |
| 491731 | 1½" | 155.6 | 114.3 | 22.2 | 50 | 460223 |
| 491732 | 2" | 165.1 | 127.0 | 19.1 | 50 | 460223 |
| 491733 | 2½" | 190.5 | 149.2 | 22.2 | 50 | 460223 |
| 491734 | 3" | 209.6 | 168.3 | 22.2 | 50 | 460223 |
| 491735 | 3½" | 228.6 | 184.2 | 22.2 | 50 | 460223 |
| 491736 | 4" | 254.0 | 200.0 | 22.2 | 50 | 460223 |
| 491737 | 5" | 279.4 | 235.0 | 22.2 | 25 | 460223 |
| 491738 | 6" | 317.5 | 269.9 | 22.2 | 25 | 460223 |
| 491739 | 8" | 381.0 | 330.2 | 25.4 | 25 | 460224 |
| 491740 | 10" | 444.5 | 387.4 | 28.6 | 25 | 460224 |
| 491745 | 20" | 774.7 | 685.8 | 34.9 | 10 | 461183 |

### ANSI - 600 lbs Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491754 | 4" | 273.1 | 215.9 | 25.4 | 25 | 460224 |
| 491755 | 5" | 330.2 | 266.7 | 28.6 | 25 | 460224 |
| 491756 | 6" | 355.6 | 292.1 | 28.6 | 25 | 460224 |
| 491757 | 8" | 419.1 | 349.3 | 31.8 | 25 | 461183 |
| 491758 | 10" | 508.0 | 431.8 | 34.9 | 25 | 461183 |

### ANSI - 900 lbs Range

| Part Number | Nominal Diameter | Dimensions (mm) | | | Std Pack Qty | Cable Tie Part No. |
|---|---|---|---|---|---|---|
| | | Outside Diameter | Bolt Circle Diameter | Bolt Hole Size | | |
| 491770 | ½" | 120.7 | 82.6 | 22.2 | 50 | 460223 |
| 491771 | ¾" | 130.2 | 88.9 | 22.2 | 50 | 460223 |
| 491772 | 1" | 149.2 | 101.6 | 25.4 | 50 | 460223 |
| 491774 | 1½" | 177.8 | 123.8 | 28.6 | 50 | 460223 |
| 491775 | 2" | 215.9 | 165.1 | 25.4 | 50 | 460224 |
| 491776 | 2½" | 244.5 | 190.5 | 28.6 | 50 | 460224 |
| 491777 | 3" | 241.3 | 190.5 | 25.4 | 50 | 460224 |
| 491778 | 4" | 292.1 | 235.0 | 31.8 | 25 | 460224 |
| 491779 | 5" | 349.3 | 279.4 | 34.9 | 25 | 461183 |
| 491780 | 6" | 381.0 | 317.5 | 31.8 | 25 | 461183 |
| 491781 | 8" | 469.9 | 393.7 | 38.1 | 25 | 461183 |
| 491782 | 10" | 546.1 | 469.9 | 38.1 | 10 | 461183 |

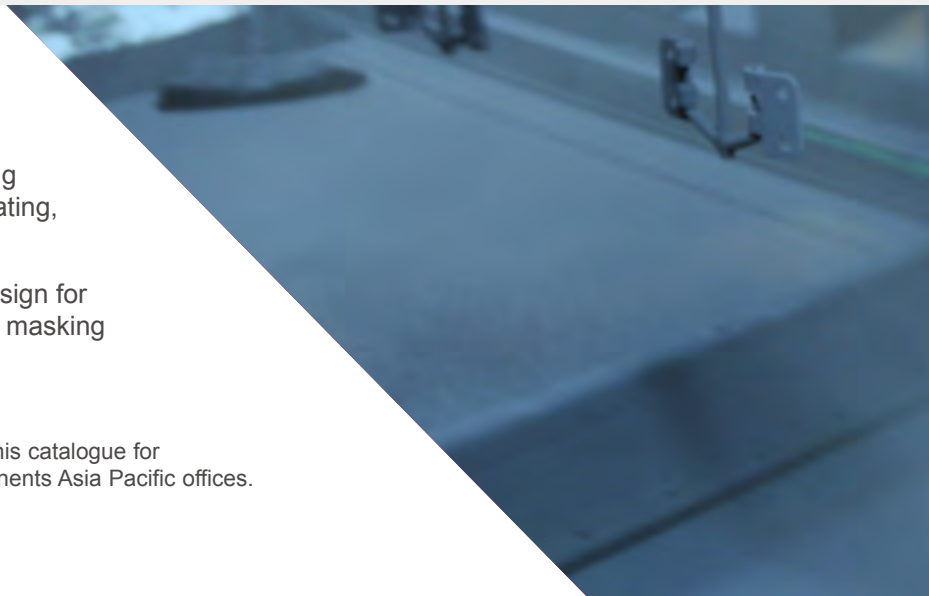
ESSENTRA COMPONENTS





# A SOLUTION FOR ALL YOUR **MASKING** NEEDS

- Numerous parts available for masking applications
- Materials to suit the demand of finishing processes such as paint coating, e-coating, powder coating and anodizing
- Custom Die-Cut offering a bespoke design for time saving solution, and to solve your masking requirement



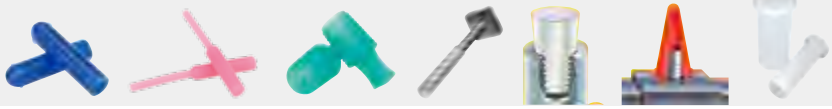
FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# HIGH TEMPERATURE MASKING


**Silicone Caps and Plugs (+250ºC)**

108-119





**Flexible PVC Caps and Plugs (+210ºC)**

120



**EPDM (+180ºC) and TPR (+125ºC) Caps and Plugs**

121-124





**Masking Tapes, Hooks and Bags**

125-127





**SR 1045**

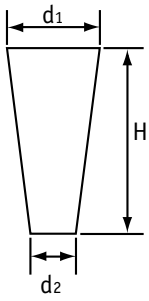
# High-Temperature Plugs

**Silicone Rubber**

- Recommended for plating,anodising,spray painting & other finishing applications
- Excellent sealing capacity
- Ideal for plain and threaded holes
- High temperature resistance








Solid Design

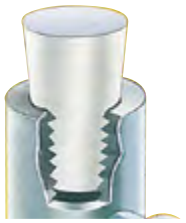
| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | d1 | d2 | H | |
| 461493 | Natural | - | - | - | 1.6 | 0.4 | 15.9 | 1000 |
| 461494 | Natural | M2 | - | - | 2.0 | 0.5 | 19.1 | 1000 |
| 41321 | Natural | M2 | - | - | 3.2 | 0.8 | 15.9 | 1000 |
| 41322 | Natural | M3 | - | - | 3.2 | 1.6 | 15.9 | 1000 |
| 41323 | Natural | M3, M4 | - | - | 4.8 | 1.6 | 15.9 | 1000 |
| 499042 | Blue | M3, M4 | - | - | 4.8 | 1.6 | 15.9 | 500 |
| 461495 | Natural | M3, M4 | - | - | 4.8 | 1.6 | 19.1 | 1000 |
| 499043 | Blue | M3, M4 | - | - | 4.8 | 1.6 | 19.1 | 500 |
| 461496 | Natural | M3, M4, M5 | - | - | 5.5 | 1.2 | 38.1 | 1000 |
| 499044 | Green | M3, M4, M5 | - | - | 5.5 | 1.2 | 38.1 | 500 |
| 41324 | Natural | M5, M6 | 1/4″ | - | 6.4 | 3.2 | 19.1 | 1000 |
| 499045 | Pink | M5, M6 | 1/4″ | - | 6.4 | 3.2 | 19.1 | 500 |
| 461497 | Natural | M5, M6 | 1/4″ | - | 6.4 | 3.2 | 25.4 | 1000 |
| 499046 | Pink | M5, M6 | 1/4″ | - | 6.4 | 3.2 | 25.4 | 500 |
| 41325 | Natural | M7, M8 | 5/8″ | 1/16″ | 8.7 | 4.8 | 15.9 | 1000 |
| 499047 | Yellow | M7, M8 | 5/8″ | - | 8.7 | 4.8 | 15.9 | 500 |
| 461498 | Natural | M7, M8 | 5/8″ | 1/16″ | 8.7 | 4.8 | 25.4 | 1000 |
| 499048 | Yellow | M7, M8 | 5/8″ | - | 8.7 | 4.8 | 25.4 | 500 |
| 461499 | Natural | M8 | 5/8″ | 1/8″ | 9.2 | 6.2 | 12.8 | 100 |
| 499049 | Yellow | M8 | 5/8″ | - | 9.2 | 6.2 | 12.8 | 500 |
| 461500 | Natural | M8 | 5/8″ | 1/8″ | 9.5 | 6.5 | 18.5 | 100 |
| 499732 | Yellow | M8 | 5/8″ | - | 9.5 | 6.5 | 18.5 | 100 |
| 461501 | Natural | M10 | 3/8″ | - | 11.0 | 8.5 | 17.5 | 100 |
| 499725 | Orange | M10 | 3/8″ | - | 11.0 | 8.5 | 17.5 | 100 |
| 43008 | Natural | M10 | 3/8″ | 1/8″ | 11.5 | 6.5 | 25.0 | 500 |
| 499726 | Orange | M10 | 3/8″ | - | 11.5 | 6.5 | 25.0 | 500 |
| 41327 | Natural | M10 | 7/16″ | - | 12.0 | 9.0 | 18.0 | 500 |
| 499724 | Orange | M10 | 7/16″ | - | 12.7 | 3.2 | 50.8 | 500 |
| 461502 | Natural | M10,M12,M14 | 7/16″,1/2″,9/16″ | 1/4″ | 14.3 | 7.9 | 28.6 | 100 |
| 461503 | Natural | M10, M12, M14 | 7/16″,1/2″,9/16″ | 1/4″ | 14.3 | 7.9 | 25.4 | 100 |
| 41328 | Natural | M14, M16 | 1/2″,9/16″ | - | 15.1 | 10.3 | 25.4 | 100 |
| 461504 | Natural | M14, M16 | 9/16″,5/8″ | 3/8″ | 15.9 | 11.1 | 22.2 | 100 |
| 499727 | Purple | M14, M16 | 9/16″,5/8″ | - | 15.9 | 11.1 | 22.2 | 100 |
| 41329 | Natural | M16 | 5/8″ | 3/8″ | 16.7 | 12.7 | 25.4 | 200 |
| 499728 | Purple | M16 | 5/8″ | - | 16.7 | 12.7 | 25.4 | 100 |
| 461505 | Natural | M14, M16, M18 | 5/8″ | 3/8″ | 17.5 | 11.1 | 25.4 | 100 |
| 461506 | Natural | M18, M20 | 3/4″ | - | 19.1 | 14.3 | 14.3 | 100 |
| 41330 | Natural | M18, M20 | 3/4″ | - | 19.1 | 14.3 | 25.4 | 100 |
| 41331 | Natural | M20 | 3/4″ | 1/2″ | 19.8 | 15.9 | 25.4 | 100 |
| 461507 | Natural | M20 | 3/4″ | 1/2″ | 20.0 | 15.5 | 16.0 | 100 |
| 499729 | L.Green | M20 | 3/4″ | - | 20.0 | 15.5 | 16.0 | 100 |
| 461508 | Natural | M22 | 7/8″ | - | 23.5 | 19.0 | 19.5 | 100 |
| 499730 | L.Blue | M22 | 7/8″ | - | 23.5 | 19.0 | 19.5 | 100 |

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**SR 1045**

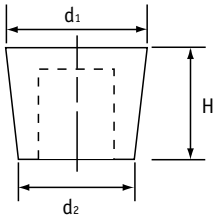
# High-Temperature Plugs Continued

**Silicone Rubber**



| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | d1 | d2 | H | |
| 41314 | Natural | M22 | 7/8″ | - | 23.8 | 18.3 | 25.4 | 100 |
| 499731 | L.Blue | M22 | 7/8″ | - | 23.8 | 18.3 | 25.4 | 100 |
| 41332 | Natural | M22, M24 | 1″ | 3/4″ | 25.4 | 19.8 | 25.4 | 100 |
| 41333 | Natural | M27 | - | - | 27.0 | 23.0 | 25.4 | 100 |
| 41334 | Natural | M30 | 11/8″ | - | 27.9 | 23.8 | 25.4 | 100 |
| 41335 | Natural | M33 | 11/4″ | - | 31.8 | 26.2 | 25.4 | 100 |
| 41336 | Natural | M33 | 11/4″,13/8″ | 1″ | 33.4 | 27.0 | 25.4 | 100 |
| 461509 | Natural | M36 | 13/8″ | - | 36.5 | 30.2 | 25.4 | 100 |
| 461510 | Natural | M39 | 11/2″ | - | 38.9 | 31.8 | 25.4 | 100 |
| 461511 | Natural | M39, M42 | 11/2″ | 11/4″ | 41.3 | 33.3 | 25.4 | 100 |
| 461512 | Natural | M42 | - | 11/4″ | 42.9 | 35.7 | 25.4 | 50 |
| 461513 | Natural | M48 | - | - | 44.5 | 37.3 | 25.4 | 100 |
| 461514 | Natural | M48 | - | 11/2″ | 46.0 | 38.1 | 25.4 | 100 |
| 461515 | Natural | - | - | 11/2″ | 50.0 | 41.3 | 25.4 | 50 |
| 461516 | Natural | M56 | - | - | 52.4 | 44.5 | 25.4 | 50 |
| 461517 | Natural | M56 | - | - | 56.0 | 47.6 | 25.4 | 50 |
| 461518 | Natural | M64 | - | 2″ | 62.7 | 50.0 | 25.4 | 50 |
| 461519 | Natural | M64 | - | 2″ | 63.5 | 54.0 | 25.4 | 50 |
| 461520 | Natural | - | - | - | 68.3 | 57.9 | 25.4 | 50 |
| 461521 | Natural | - | - | 21/2″ | 75.0 | 61.9 | 34.9 | 50 |
| 461522 | Natural | - | - | 3″ | 88.9 | 76.2 | 38.1 | 10 |
| 461523 | Natural | - | - | - | 101.6 | 82.6 | 38.1 | 10 |
| 461524 | Natural | - | - | 4″ | 127.0 | 88.9 | 50.8 | 5 |

- Cost-effective solution for larger sizes due to hollowed centre
- More flexible than soild plugs allowing easier application






Hollow Design

| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | d1 | d2 | H | |
| 110060 | Natural | - | 11/2″ | - | 39.0 | 31.0 | 25.0 | 50 |
| 110061 | Natural | M42, M45 | - | 13/8″ | 43.0 | 36.0 | 25.0 | 50 |
| 110062 | Natural | - | - | - | 46.0 | 38.0 | 25.0 | 50 |
| 110063 | Natural | - | - | - | 53.0 | 45.0 | 25.0 | 25 |
| 110064 | Natural | M60, M62 | - | - | 63.0 | 50.0 | 25.0 | 25 |

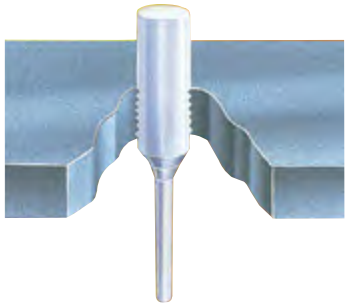
**SR 1057**

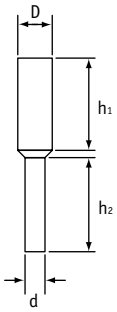
# High-Temperature Pull Plugs

**Silicone Rubber**

- Ideal for masking threaded and plain through-holes
- Pull-tab allows plugs to be pulled into hole to be masked,and pulled out after use








| Part Number | Colour | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | d | h1 | h2 | |
| 1475782 | Natural | 1.6 | 1.2 | 9.5 | 8.6 | 1000 |
| 461923 | Natural | 1.7 | 1.2 | 15.9 | 15.5 | 1000 |
| 39726 | Natural | 1.9 | 1.2 | 15.5 | 15.0 | 1000 |
| 461924 | Natural | 2.3 | 1.3 | 15.9 | 15.9 | 1000 |
| 39714 | Natural | 2.4 | 1.3 | 17.8 | 17.8 | 1000 |
| 461590 | Natural | 2.7 | 2.1 | 25.4 | 25.4 | 1000 |
| 461591 | Natural | 2.8 | 1.6 | 25.4 | 25.4 | 1000 |
| 461592 | Natural | 3.0 | 2.1 | 25.4 | 25.4 | 1000 |
| 461593 | Natural | 3.2 | 1.6 | 15.9 | 15.9 | 1000 |
| 1475757 | Natural | 3.3 | 2.4 | 16.5 | 17.8 | 500 |
| 461594 | Natural | 3.3 | 2.4 | 25.4 | 25.4 | 1000 |
| 461595 | Natural | 3.6 | 2.2 | 15.9 | 14.2 | 1000 |
| 499036 | Blue | 3.6 | 2.2 | 15.9 | 14.2 | 500 |
| 461596 | Natural | 3.9 | 1.6 | 16.1 | 15.9 | 1000 |
| 499037 | Blue | 3.9 | 1.6 | 16.1 | 15.9 | 500 |
| 461597 | Natural | 4.0 | 1.6 | 15.9 | 19.1 | 1000 |
| 461598 | Natural | 4.0 | 2.1 | 31.8 | 31.8 | 500 |
| 499038 | Blue | 4.0 | 2.1 | 31.8 | 31.8 | 500 |
| 39716 | Natural | 4.1 | 2.4 | 15.9 | 14.8 | 500 |
| 39717 | Natural | 4.8 | 2.8 | 15.9 | 15.9 | 500 |
| 461599 | Natural | 5.0 | 2.8 | 25.4 | 25.4 | 500 |
| 499039 | Green | 5.0 | 2.8 | 25.4 | 25.4 | 500 |
| 39718 | Natural | 5.5 | 3.3 | 25.4 | 25.4 | 1000 |
| 461600 | Natural | 5.7 | 3.2 | 25.4 | 25.4 | 500 |
| 499733 | Pink | 5.7 | 3.2 | 25.4 | 25.4 | 500 |
| 10605486 | Natural | 6.5 | 3.3 | 25.4 | 25.4 | 500 |
| 39719 | Natural | 7.0 | 3.2 | 23.8 | 23.4 | 200 |
| 461602 | Natural | 7.9 | 3.9 | 31.8 | 31.8 | 500 |
| 499041 | Yellow | 7.9 | 3.9 | 31.8 | 31.8 | 500 |
| 1475758 | Natural | 8.5 | 6.4 | 19.2 | 27.9 | 500 |
| 461604 | Natural | 8.5 | 3.9 | 25.4 | 25.4 | 500 |
| 39721 | Natural | 8.9 | 4.9 | 22.4 | 23.5 | 200 |
| 461605 | Natural | 9.8 | 3.9 | 25.4 | 25.4 | 250 |
| 39722 | Natural | 10.2 | 4.0 | 25.4 | 25.4 | 200 |
| 461606 | Natural | 10.4 | 4.9 | 25.6 | 25.4 | 250 |
| 461607 | Natural | 10.5 | 4.0 | 13.3 | 19.2 | 250 |
| 10605493 | Natural | 11.3 | 6.5 | 25.4 | 25.2 | 250 |
| 1475759 | Natural | 11.3 | 6.5 | 25.4 | 25.4 | 250 |
| 39724 | Natural | 11.9 | 6.4 | 25.4 | 25.4 | 200 |
| 461610 | Natural | 12.0 | 6.2 | 25.4 | 25.4 | 250 |
| 461611 | Natural | 12.6 | 6.4 | 25.4 | 25.4 | 250 |
| 461612 | Natural | 13.0 | 6.5 | 25.4 | 24.3 | 250 |
| 39725 | Natural | 13.5 | 6.4 | 25.4 | 25.4 | 200 |
| 10650202 | Natural | 15.5 | 6.4 | 25.4 | 25.4 | 250 |
| 461614 | Natural | 16.3 | 9.5 | 25.4 | 25.4 | 100 |
| 10605509 | Natural | 18.0 | 9.5 | 31.8 | 33.7 | 100 |
| 461616 | Natural | 19.6 | 9.5 | 25.4 | 23.6 | 100 |
| 461617 | Natural | 22.8 | 9.5 | 25.4 | 25.4 | 100 |
| 461618 | Natural | 25.9 | 9.5 | 25.4 | 24.6 | 100 |

**SR 1093**

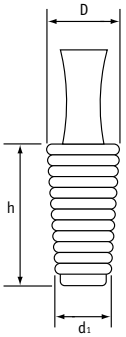
## High-Temperature Flangeless Plugs

**Silicone Rubber**

- Designed to mask holes without masking the surrounding area
- Tapered rings and hollow core allow many different areas to be masked
- Pull-tab allows easy installation and removal



| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | d1 | D | h | |
| 461465 | Natural | M6 | 1/4″ | - | 4.0 | 6.0 | 25.4 | 1000 |
| 499016 | Pink | M6 | 1/4″ | - | 4.0 | 6.0 | 25.4 | 500 |
| SFP188415A | Natural | - | - | - | 4.8 | 10.5 | 25.4 | 1000 |
| 461466 | Natural | M8 | - | - | 6.0 | 8.0 | 25.4 | 1000 |
| 499017 | Yellow | M8 | - | - | 6.0 | 8.0 | 25.4 | 500 |
| 461467 | Natural | M10 | 3/8″ | 1/8″ | 8.0 | 10.0 | 25.4 | 1000 |
| 499018 | Orange | M10 | 3/8″ | 1/8″ | 8.0 | 10.0 | 25.4 | 500 |
| 461468 | Natural | - | - | - | 10.0 | 12.0 | 25.0 | 500 |
| SFP415641A | Natural | - | - | - | 10.5 | 16.3 | 25.4 | 500 |
| 461469 | Natural | - | - | - | 12.0 | 14.0 | 25.4 | 500 |
| 461470 | Natural | M16 | 5/8″ | 3/8″ | 14.0 | 16.0 | 25.4 | 200 |
| 499019 | Purple | M16 | 5/8″ | 3/8″ | 14.0 | 16.0 | 25.4 | 200 |
| 461471 | Natural | - | - | - | 16.0 | 18.0 | 25.4 | 200 |
| SFP641868A | Natural | - | - | - | 16.3 | 22.1 | 25.4 | 200 |
| 461472 | Natural | M20 | 3/4″ | 1/2″ | 18.0 | 20.0 | 25.4 | 200 |
| 499020 | L.Green | M20 | 3/4″ | 1/2″ | 18.0 | 20.0 | 25.4 | 200 |
| 461473 | Natural | - | - | - | 20.0 | 24.0 | 25.4 | 200 |
| 499021 | L.Blue | M22 | 7/8″ | 1/2″ | 22.0 | 20.0 | 25.4 | 200 |
| 499022 | Natural | M24 | - | - | 22.0 | 24.0 | 25.4 | 200 |
| SFP8681094A | Natural | - | - | - | 22.1 | 27.8 | 25.4 | 100 |
| 461474 | Natural | - | - | - | 22.5 | 24.0 | 25.4 | 200 |
| 461475 | Natural | - | - | - | 24.0 | 26.0 | 25.4 | 100 |
| 461476 | Natural | M26 | 11/16″ | - | 26.0 | 28.0 | 25.4 | 100 |
| 461477 | Natural | - | - | - | 25.4 | 28.6 | 25.4 | 100 |
| SFP10941320A | Natural | - | - | - | 27.8 | 33.5 | 25.4 | 100 |
| 461478 | Natural | M30 | 13/16″ | 7/8″ | 28.6 | 31.8 | 25.4 | 100 |
| SFP13201547A | Natural | - | 1-1/2″ | - | 33.5 | 39.3 | 25.4 | 100 |
| SFP15471774A | Natural | - | 1-3/4″ | - | 39.3 | 45.1 | 25.4 | 50 |
| SFP17742000A | Natural | M45 | 2″ | - | 45.1 | 50.8 | 25.4 | 50 |





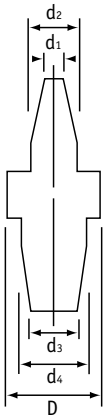

**SR 1065**

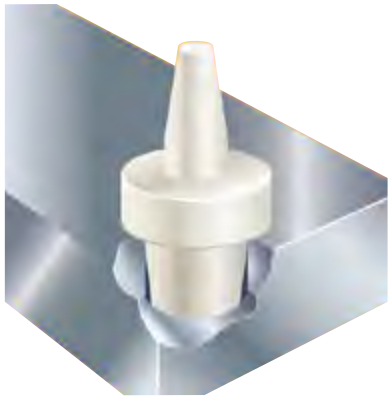
## High-Temperature Washer Plugs

**Natural Silicone Rubber**

- Plug threaded or plain holes
- Mask surface area around hole
- Integral washer and plug combination performs as a single unit

| Part Number | To Fit Thread Size | | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | BSP | UNF | Metric | D | d1 | d2 | d3 | d4 | |
| 43400 | 1/4″ | - | M3 | 6.4 | 1.7 | 4.0 | 3.7 | 6.4 | 1000 |
| 43397 | - | - | M4, M5 | 7.9 | 2.3 | 3.6 | 3.0 | 4.6 | 1000 |
| 499025 | - | - | - | 7.9 | 3.0 | 5.0 | 3.5 | 5.8 | 500 |
| 499026 | - | - | - | 9.5 | 1.8 | 3.3 | 2.0 | 3.8 | 500 |
| 499027 | - | - | - | 9.5 | 2.8 | 3.5 | 4.8 | 5.0 | 500 |
| 499028 | - | - | - | 9.5 | 2.5 | 4.6 | 4.8 | 4.6 | 500 |
| 43398 | 5/16″ | 1/16″ | M6, M8 | 9.5 | 3.3 | 5.1 | 4.0 | 7.0 | 1000 |
| 499030 | - | - | - | 10.0 | 3.2 | 4.5 | 4.8 | 5.7 | 500 |
| 499031 | - | - | - | 12.7 | 3.8 | 6.0 | 4.8 | 6.3 | 500 |
| 43401 | 5/16″ | 1/16″ | M7, M9 | 12.7 | 4.0 | 7.0 | 7.3 | 9.5 | 1000 |
| 43399 | 3/8″,1/2″ | 1/8″,1/4″ | M10, M12 | 12.7 | 7.3 | 9.9 | 8.1 | 11.5 | 500 |
| 499032 | - | - | - | 15.9 | 3.8 | 3.2 | 4.8 | 6.5 | 500 |
| 499033 | - | - | - | 17.0 | 3.6 | 7.1 | 4.3 | 8.7 | 500 |
| 499035 | - | - | - | 24.0 | 5.5 | 10.9 | 6.4 | 12.7 | 500 |



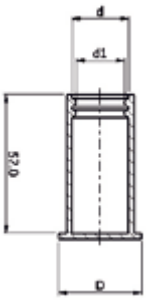
**SR 6119**

## Ribbed Ezecap

**Natural Silicone Rubber**

- Fits a range of sizes due to ribbed design
- Internal seal prevents paint ingress
- Flanged for easy removal






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | $d_1$ | d | D | l (mm) | |
| 20014971 | 3.0 | 6.0 | 16.0 | 52.0 | 200 |
| 20014964 | 9.0 | 12.0 | 22.0 | 52.0 | 200 |
| 20014957 | 15.0 | 18.0 | 28.0 | 52.0 | 200 |
| 20014988 | 18.0 | 21.0 | 31.0 | 52.0 | 200 |

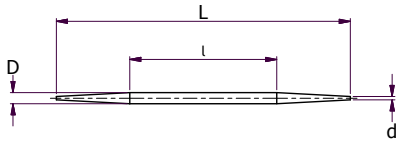
**SR 1176**

## Mouse Tail

**Natural Silicone Rubber**

- Ideal to plug very small holes
- Recovery silicone produce a tight plug






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | d | L | l | |
| 498738 | 2.1 | 0.8 | 49.0 | 24.5 | 500 |
| 498739 | 2.5 | 0.8 | 52.8 | 26.4 | 500 |

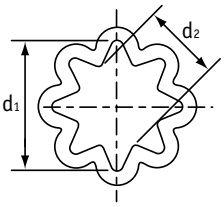
**SR 1051**

## Flexitube

**Natural Silicone Rubber**

- Supplied in one-metre lengths
- Unique design fits several diameters





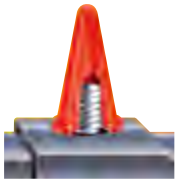

| Part Number | Colour | Dimensions (mm) | | To Fit Stud Diameters (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| | | $d_1$ | $d_2$ | | |
| 1255013 | Red | 5.3 | 2.8 | 3.0-5.0 | 25m |
| 1255014 | Yellow | 7.3 | 4.8 | 5.0-7.0 | 25m |
| 1255015 | White | 9.5 | 6.5 | 7.0-9.0 | 25m |
| 1255016 | Blue | 11.5 | 8.5 | 9.0-11.0 | 25m |

**SR 1075**

## High-Temperature Cone Caps/Plugs

**Silicone Rubber**

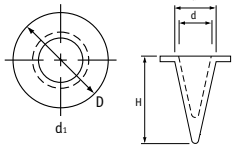
- Versatile dual role:cap masks exposed studs; plug masks exposed holes
- As plug,components can be held by painting hooks



As a cap



As a plug



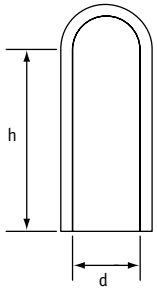

| Part Number | Dimensions (mm) | | | | Colour | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | d | $d_1$ | H | | |
| 110050 | 12.7 | 3.3 | 6.3 | 23.0 | Natural | 500 |
| 461905 | 12.7 | 5.5 | 8.0 | 25.4 | Rust | 1000 |
| 110051 | 15.9 | 4.5 | 8.5 | 25.4 | Yellow | 500 |
| 110052 | 16.5 | 5.0 | 10.0 | 28.0 | Brown | 500 |
| 461906 | 16.1 | 5.8 | 10.1 | 27.9 | Clear | 1000 |
| 110053 | 19.1 | 8.0 | 14.0 | 36.0 | Black | 250 |
| 110073 | 24.9 | 11.5 | 17.5 | 38.1 | Green | 250 |
| 110074 | 27.9 | 13.5 | 19.5 | 51.0 | Blue | 100 |
| 461915 | 25.4 | 14.8 | 20.8 | 49.0 | Red | 200 |
| 461916 | 31.0 | 16.0 | 22.0 | 53.0 | Purple | 200 |

**SR 1052**

# High-Temperature Caps

**Silicone Rubber**

- Fit over studs,pins or tube ends,providing excellent masking solution
- Can also be used as plugs to mask threaded and non-threaded holes








| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | Std Pack Qt |
|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | d | h | |
| 461672 | Natural | - | - | - | 0.5 | 12.7 | 1000 |
| 1461814 | Natural | - | 1/16″ | - | 1.6 | 19.1 | 1000 |
| 10650219 | Natural | - | 1/16″ | - | 1.8 | 25.4 | 1000 |
| 1475724 | Natural | - | - | - | 2.4 | 19.1 | 1000 |
| 1475730 | Natural | - | - | - | 2.4 | 25.4 | 1000 |
| 1475731 | Natural | - | - | - | 2.5 | 12.7 | 1000 |
| 1461815 | Natural | - | - | - | 2.5 | 25.4 | 1000 |
| 1461804 | Natural | M3 | - | - | 2.8 | 19.1 | 1000 |
| 1461816 | Natural | M3 | - | - | 2.8 | 25.4 | 1000 |
| 1461817 | Natural | - | - | - | 3.2 | 12.7 | 1000 |
| 10626696 | Natural | - | - | - | 3.2 | 25.4 | 1000 |
| 1475732 | Natural | - | - | - | 3.5 | 12.7 | 500 |
| 1461805 | Natural | - | - | - | 3.5 | 25.4 | 1000 |
| 499675 | Blue | M4 | - | - | 3.8 | 12.7 | 500 |
| 1461818 | Natural | M4 | - | - | 3.8 | 19.1 | 500 |
| 499696 | Blue | M4 | - | - | 3.8 | 19.1 | 500 |
| 1461819 | Natural | M4 | - | - | 3.8 | 25.4 | 250 |
| 499697 | Blue | M4 | - | - | 3.8 | 25.4 | 500 |
| 1461820 | Natural | M4 | - | - | 4.0 | 12.7 | 250 |
| 499698 | Blue | M4 | - | - | 4.0 | 12.7 | 500 |
| 1475725 | Natural | M4 | - | - | 4.0 | 25.4 | 1000 |
| 499699 | Blue | M4 | - | - | 4.0 | 25.4 | 500 |
| 1461821 | Natural | M4 | - | - | 4.0 | 38.1 | 250 |
| 499700 | Blue | M4 | - | - | 4.0 | 38.1 | 500 |
| 499676 | Blue | M4 | 3/16″ | - | 4.2 | 25.4 | 500 |
| 1461822 | Natural | - | 3/16″ | - | 4.4 | 12.7 | 250 |
| 1461806 | Natural | - | 3/16″ | - | 4.4 | 25.4 | 1000 |
| 1475733 | Natural | - | 3/16″ | - | 4.4 | 38.1 | 250 |
| 1475734 | Natural | - | 3/16″ | - | 4.6 | 25.4 | 250 |
| 10623459 | Natural | M5 | - | - | 4.7 | 25.4 | 1000 |
| 499702 | Green | M5 | - | - | 4.7 | 28.6 | 500 |
| 1461823 | Natural | M5 | - | - | 4.8 | 12.7 | 250 |
| 499701 | Green | M5 | - | - | 4.8 | 12.7 | 500 |
| 499688 | Green | M5 | - | - | 4.8 | 19.1 | 500 |
| 1461824 | Natural | - | - | - | 5.5 | 25.4 | 250 |
| 10582688 | Natural | M6 | - | - | 5.7 | 12.7 | 250 |
| 499703 | Pink | M6 | - | - | 5.7 | 12.7 | 500 |
| 1461825 | Natural | M6 | - | - | 5.7 | 25.4 | 250 |
| 499704 | Pink | M6 | - | - | 5.7 | 25.4 | 500 |
| 1461826 | Natural | M6 | - | - | 5.7 | 38.1 | 250 |
| 499705 | Pink | M6 | - | - | 5.7 | 38.1 | 500 |
| 461693 | Natural | M6 | 1/4″ | - | 5.9 | 12.7 | 250 |
| 499706 | Pink | M6 | 1/4″ | - | 5.9 | 12.7 | 500 |
| 10623466 | Natural | M6 | 1/4″ | - | 5.9 | 25.4 | 1000 |
| 499707 | Pink | M6 | 1/4″ | - | 5.9 | 28.6 | 500 |
| 1475735 | Natural | M6 | 1/4″ | - | 5.9 | 38.1 | 250 |
| 499708 | Pink | M6 | 1/4″ | - | 5.9 | 38.1 | 500 |
| 1461807 | Natural | - | - | - | 6.4 | 25.4 | 1000 |
| 1475736 | Natural | - | - | - | 6.4 | 38.1 | 250 |
| 1461827 | Natural | - | 5/16″ | - | 7.1 | 12.7 | 250 |

| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | Std Pack Qt |
|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | d | h | |
| 10582619 | Natural | - | 5/16″ | - | 7.1 | 25.4 | 1000 |
| 499677 | Yellow | M8 | - | - | 7.5 | 25.4 | 500 |
| 1475737 | Natural | M8 | 5/16″ | 1/16″ | 7.5 | 38.1 | 250 |
| 499709 | Yellow | M8 | 5/16″ | 1/16″ | 7.5 | 38.1 | 500 |
| 1475726 | Natural | M8 | - | - | 7.9 | 25.4 | 1000 |
| 499710 | Yellow | M8 | - | - | 7.9 | 25.4 | 500 |
| 1475738 | Natural | M8 | - | - | 7.9 | 38.1 | 250 |
| 499711 | Yellow | M8 | - | - | 7.9 | 38.1 | 500 |
| 1461828 | Natural | - | - | - | 8.7 | 25.4 | 250 |
| 1461829 | Natural | - | - | - | 9.0 | 38.1 | 250 |
| 1475739 | Natural | M10 | - | 1/8″ | 9.5 | 12.7 | 250 |
| 499689 | Orange | M10 | - | 1/8″ | 9.5 | 12.7 | 500 |
| 1475740 | Natural | M10 | - | 1/8″ | 9.5 | 19.1 | 250 |
| 499690 | Orange | M10 | - | 1/8″ | 9.5 | 19.1 | 500 |
| 1461808 | Natural | M10 | - | 1/8″ | 9.5 | 25.4 | 1000 |
| 499691 | Orange | M10 | - | 1/8″ | 9.5 | 25.4 | 500 |
| 1475741 | Natural | M10 | - | 1/8″ | 9.5 | 38.1 | 250 |
| 499692 | Orange | M10 | - | 1/8″ | 9.5 | 38.1 | 500 |
| 1475742 | Natural | - | - | - | 10.3 | 25.4 | 250 |
| 1461809 | Natural | - | 7/16″ | - | 11.1 | 25.4 | 200 |
| 1461830 | Natural | - | - | - | 11.6 | 25.4 | 100 |
| 1461831 | Natural | M12 | - | - | 11.6 | 38.1 | 100 |
| 41316 | Natural | M12 | 1/2″ | - | 11.9 | 25.4 | 200 |
| 1475743 | Natural | - | 1/2″ | - | 12.2 | 38.1 | 100 |
| 1475727 | Natural | - | 1/2″ | 1/4″ | 12.7 | 38.1 | 200 |
| 461708 | Natural | - | 1/2″ | 1/4″ | 12.7 | 76.2 | 100 |
| 1475744 | Natural | - | 1/2″ | 1/4″ | 12.7 | 101.6 | 100 |
| 1475728 | Natural | M14 | - | - | 13.6 | 38.1 | 500 |
| 1461832 | Natural | M14 | - | - | 13.6 | 76.2 | 100 |
| 461711 | Natural | M15 | - | - | 14.3 | 16.7 | 100 |
| 1475762 | Natural | M15 | - | - | 14.3 | 27.9 | 100 |
| 10582763 | Natural | M15 | - | - | 14.3 | 38.1 | 200 |
| 1461833 | Natural | - | - | - | 15.2 | 38.1 | 100 |
| 10582695 | Natural | M17 | 5/8″ | 3/8″ | 15.9 | 31.8 | 100 |
| 10582626 | Natural | M17 | 5/8″ | 3/8″ | 15.9 | 38.1 | 200 |
| 1516645 | Natural | M17 | 5/8″ | 3/8″ | 15.9 | 57.2 | 100 |
| 499679 | Natural | M17 | 5/8″ | 3/8″ | 15.9 | 63.5 | 500 |
| 1475763 | Natural | - | - | - | 17.5 | 15.9 | 100 |
| 1461834 | Natural | - | - | - | 17.5 | 38.1 | 100 |
| 1475745 | Natural | - | - | - | 17.5 | 44.5 | 100 |
| 1475764 | Natural | - | - | - | 17.5 | 63.5 | 100 |
| 1475746 | Natural | - | - | - | 18.5 | 38.1 | 100 |
| 10582701 | Natural | - | - | - | 18.5 | 109.9 | 100 |
| 1461810 | Natural | M20 | 3/4″ | - | 19.1 | 38.1 | 200 |
| 499680 | L. Green | M20 | 3/4″ | - | 19.1 | 38.1 | 500 |
| 1475765 | Natural | M20 | 3/4″ | - | 19.1 | 48.9 | 100 |
| 499681 | L. Green | M20 | 3/4″ | - | 19.1 | 48.9 | 500 |
| 1461835 | Natural | M20 | 3/4″ | - | 19.1 | 88.9 | 100 |
| 499682 | L. Green | M20 | 3/4″ | - | 19.1 | 88.9 | 500 |

Continued On Next Page

**SR 1052**

## High-Temperature Caps Continued

**Silicone Rubber**

| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | d | h | |
| 1475766 | Natural | M20 | 3/4″ | - | 19.1 | 109.2 | 100 |
| 499683 | L.Green | M20 | 3/4″ | - | 19.1 | 109.2 | 100 |
| 499684 | Natural | - | - | - | 19.8 | 38.1 | 100 |
| 1475767 | Natural | M22 | 7/8″ | 1/2″ | 20.6 | 25.4 | 100 |
| 499693 | L.Blue | M22 | 7/8″ | 1/2″ | 20.6 | 25.4 | 100 |
| 1461811 | Natural | M22 | 7/8″ | 1/2″ | 20.6 | 38.1 | 100 |
| 499694 | L.Blue | M22 | 7/8″ | 1/2″ | 20.6 | 38.1 | 100 |
| 1475768 | Natural | M22 | 7/8″ | - | 21.5 | 72.2 | 100 |
| 499695 | L.Blue | M22 | 7/8″ | - | 21.5 | 72.2 | 100 |
| 1461812 | Natural | - | - | - | 22.2 | 38.1 | 100 |
| 1475747 | Natural | M24 | - | - | 23.8 | 38.1 | 100 |
| 1475748 | Natural | - | - | - | 24.6 | 38.1 | 100 |
| 1475749 | Natural | - | - | - | 24.6 | 101.6 | 100 |
| 1475769 | Natural | M27 | 1″ | - | 25.4 | 20.8 | 100 |
| 10582718 | Natural | M27 | 1″ | - | 25.4 | 38.1 | 100 |
| 10582732 | Natural | M27 | 1″ | - | 25.4 | 50.8 | 100 |
| 499685 | Natural | - | - | - | 27.0 | 50.8 | 100 |
| 10605592 | Natural | - | - | - | 27.5 | 76.2 | 100 |
| 10582749 | Natural | M30 | - | - | 28.6 | 38.1 | 100 |
| 1516646 | Natural | - | - | - | 30.1 | 59.0 | 100 |
| 1461836 | Natural | M33 | 1 1/2″ | 1″ | 31.8 | 38.1 | 100 |
| 10605608 | Natural | M39 | 1 1/2″ | - | 38.1 | 25.4 | 100 |
| 499686 | Natural | - | - | - | 34.3 | 44.5 | 100 |
| 1475750 | Natural | M39 | 1 1/2″ | - | 38.1 | 38.1 | 100 |
| 1475751 | Natural | M39 | 1 1/2″ | - | 38.1 | 44.5 | 100 |
| 1475770 | Natural | - | - | 1 1/4″ | 41.3 | 50.8 | 50 |
| 1475752 | Natural | - | 1 3/4″ | - | 44.5 | 38.1 | 50 |
| 1475753 | Natural | - | 1 3/4″ | - | 44.5 | 50.8 | 50 |
| 1475754 | Natural | - | - | 1 1/2″ | 47.6 | 50.8 | 50 |
| 1475755 | Natural | - | - | - | 50.8 | 50.8 | 50 |
| 1475771 | Natural | - | - | - | 53.5 | 50.8 | 50 |

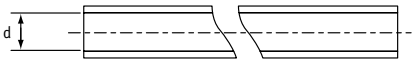
**SR 1088**

## High-Temperature Tubing

**Natural Silicone Rubber**



- Excellent solution for masking long studs and pins where caps are too short
- Standard wall thickness - 1.6mm
- Supplied on a roll




| Part Number | d (mm) | Std Pack Qty |
|---|---|---|
| 461431 | 1.0 | 10 x 1m |
| 461432 | 1.6 | 10 x 1m |
| 461433 | 2.0 | 10 x 1m |
| 461434 | 2.4 | 10 x 1m |
| 461435 | 2.8 | 10 x 1m |
| 461436 | 3.2 | 10 x 1m |
| 461437 | 3.6 | 10 x 1m |
| 461438 | 4.0 | 10 x 1m |
| 461439 | 4.4 | 10 x 1m |
| 461440 | 4.7 | 10 x 1m |
| 461441 | 5.2 | 10 x 1m |
| 461442 | 5.5 | 10 x 1m |
| 461443 | 5.9 | 10 x 1m |
| 461444 | 6.4 | 10 x 1m |
| 461445 | 7.1 | 10 x 1m |
| 461446 | 7.9 | 10 x 1m |
| 461447 | 8.7 | 10 x 1m |

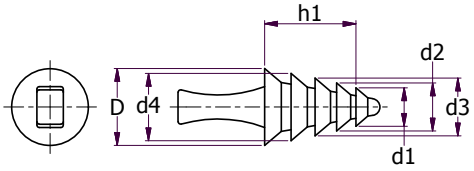
| Part Number | d (mm) | Std Pack Qty |
|---|---|---|
| 461448 | 9.5 | 10 x 1m |
| 461449 | 10.3 | 10 x 1m |
| 461450 | 11.1 | 10 x 1m |
| 461451 | 12.7 | 10 x 1m |
| 461452 | 15.9 | 10 x 1m |
| 461453 | 19.1 | 10 x 1m |
| 461454 | 22.2 | 10 x 1m |
| 461455 | 23.8 | 10 x 1m |
| 461456 | 25.4 | 10 x 1m |
| 461457 | 28.6 | 5 x 1m |
| 461458 | 31.8 | 5 x 1m |
| 461459 | 34.9 | 5 x 1m |
| 461460 | 38.1 | 5 x 1m |
| 461461 | 41.3 | 5 x 1m |
| 461462 | 44.5 | 5 x 1m |
| 461463 | 47.6 | 5 x 1m |
| 461464 | 50.8 | 5 x 1m |

**SR 5748**

## Multi Flange Plug

**Silicone**





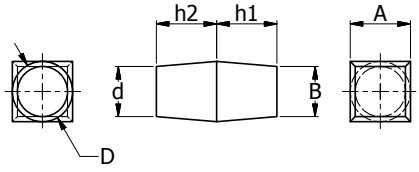

| Part Number | Colour | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | d1 | d2 | d3 | d4 | D | h1 | |
| 35-UMFP-4-10 | Blue | 4.0 | 6.0 | 8.0 | 10.0 | - | 11.0 | 250 |
| 35-UMFP-8-16 | Red | 8.0 | 10.0 | 12.0 | 14.0 | 16.0 | 19.5 | 100 |
| 35-UMFP-10-18 | Green | 10.0 | 12.0 | 14.0 | 16.0 | 18.0 | 19.5 | 100 |

**SR 5749**

## Dual Purpose Pull Plug

**Silicone**



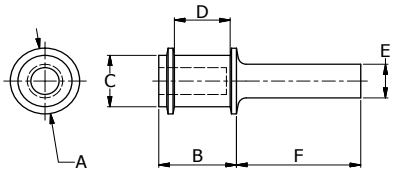



| Part Number | Colour | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | h2 | B | A | h1 | d | D | |
| 35-UDPP-0500 | Blue | 15.9 | 9.5 | 12.7 | 15.9 | 9.5 | 12.7 | 250 |
| 35-UDPP-0625 | Green | 19.1 | 12.7 | 15.9 | 19.1 | 12.7 | 15.9 | 250 |
| 35-UDPP-0750 | Black | 19.1 | 15.9 | 19.1 | 19.1 | 15.9 | 19.1 | 250 |
| 35-UDPP-1000 | Red | 25.4 | 22.2 | 25.4 | 25.4 | 22.2 | 25.4 | 250 |

**SR 5752**

## Dual Flange Pull Plug

**Silicone**






| Part Number | Colour | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | |
| 35-DFPP-M6 | Green | 7.8 | 10.3 | 5.0 | 6.7 | 5.0 | 20.4 | 500 |
| 35-DFPP-M8 | Red | 9.5 | 11.6 | 6.7 | 8.0 | 3.8 | 20.5 | 500 |
| 35-DFPP-M10 | Green | 11.3 | 12.5 | 8.5 | 9.0 | 3.8 | 20.4 | 500 |
| 35-DFPP-M12 | Purple | 13.0 | 15.2 | 10.3 | 11.6 | 5.6 | 26.8 | 250 |
| 35-DFPP-M16 | White | 17.4 | 17.5 | 13.6 | 14.0 | 8.9 | 31.2 | 100 |
| 35-DFPP-M20 | Blue | 21.0 | 21.6 | 17.0 | 18.0 | 12.3 | 34.4 | 100 |

**STS Series**

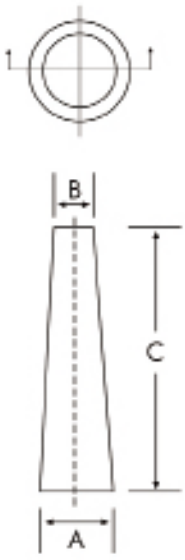
# Silicone Plugs

**Natural Silicone Rubber**



- Tapered design for ease in plugging ports and holes
- Withstand temperatures up to +260°C
- Larger sizes available.

| Part Number | A mm | B mm | C mm |
|---|---|---|---|
| STS-0125-0625 | 3.2 | 1.6 | 15.9 |
| STS-0187-0625 | 4.7 | 1.6 | 15.9 |
| STS-0187-0750 | 4.7 | 1.6 | 19.1 |
| STS-0250-0750 | 6.4 | 3.2 | 19.1 |
| STS-0250-1000 | 6.4 | 3.2 | 25.4 |
| STS-0276-0787 | 7.0 | 3.0 | 20.0 |
| STS-0343-0625 | 8.7 | 4.8 | 15.9 |
| STS-0375-0750 | 9.5 | 6.4 | 19.1 |
| STS-0500-1000 | 12.7 | 7.9 | 25.4 |
| STS-0562-1125 | 14.3 | 8.0 | 28.6 |
| STS-0594-1000 | 15.1 | 10.3 | 25.4 |
| STS-0656-1000 | 16.7 | 12.7 | 25.4 |
| STS-0748-1000 | 19.0 | 14.3 | 25.4 |
| STS-0787-1000 | 20.0 | 15.9 | 25.4 |
| STS-0800-0625 | 20.3 | 15.9 | 15.9 |
| STS-0812-1000 | 20.6 | 15.9 | 25.4 |
| STS-0827-1000 | 21.0 | 19.1 | 25.4 |
| STS-0938-1000 | 23.8 | 18.3 | 25.4 |
| STS-0990-0885 | 25.1 | 20.0 | 22.5 |
| STS-1000-1000 | 25.4 | 19.8 | 25.4 |
| STS-1100-1000 | 27.9 | 23.8 | 25.4 |
| STS-1250-1000 | 31.8 | 26.2 | 25.4 |
| STS-1438-1000 | 36.5 | 30.2 | 25.4 |
| STS-1614-1000 | 41.0 | 33.0 | 25.4 |
| STS-1625-1000 | 41.3 | 33.4 | 25.4 |
| STS-1688-1000 | 42.9 | 35.7 | 25.4 |
| STS-2063-1000 | 52.4 | 44.5 | 25.4 |
| STS-2203-1000 | 56.0 | 47.6 | 25.4 |
| STS-2469-1000 | 62.7 | 50.0 | 25.4 |
| STS-0469-0813 | 11.9 | 8.7 | 20.7 |
| STS-0500-2000 | 12.7 | 3.2 | 50.8 |



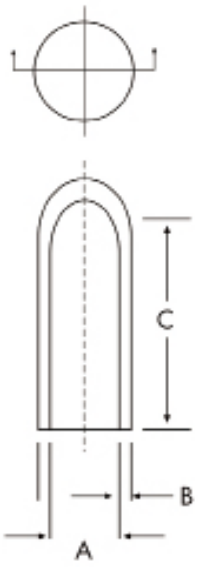
**ST Series**

# Silicone Tips

**Natural Silicone Rubber**

- Ideal for protecting and masking parts undergoing painting, plating, powder coating, anodising, sand blasting, abrasive chemical processing or exposure to high temperatures up to +260°C.
- Molded from a specially formulated grade of silicone rubber, these caps contain no colouring agent that could bleed under high temperatures.
- Suitable for protecting studs, tube ends and other protections.






| Part Number | A mm | B mm | C mm | Std Pack Qty |
|---|---|---|---|---|
| ST-0035-0500 | 0.9 | 1.3 | 12.7 | 100/1000 |
| ST-0040-0750 | 1.0 | 1.2 | 19.1 | 100/1000 |
| ST-0070-1000 | 1.8 | 1.2 | 25.4 | 100/1000 |
| ST-0080-0750 | 2.0 | 1.5 | 19.1 | 100/1000 |
| ST-0093-0750 | 2.4 | 1.3 | 19.1 | 100/1000 |
| ST-0100-1000 | 2.5 | 1.3 | 25.4 | 100/1000 |
| ST-0109-0750 | 2.8 | 1.3 | 19.1 | 100/1000 |
| ST-0120-0400 | 3.0 | 1.5 | 10.2 | 100/1000 |
| ST-0125-1000 | 3.2 | 1.3 | 25.4 | 100/1000 |
| ST-0137-1000 | 3.5 | 1.5 | 25.4 | 100/1000 |
| ST-0148-1000 | 3.8 | 1.5 | 25.4 | 100/1000 |
| ST-0156-1000 | 4.0 | 1.5 | 25.4 | 100/1000 |
| ST-0156-1500 | 4.0 | 1.5 | 38.1 | 100/1000 |
| ST-0165-1000 | 4.2 | 1.5 | 25.4 | 100/1000 |
| ST-0172-1000 | 4.4 | 1.5 | 25.4 | 100/1000 |
| ST-0180-1000 | 4.6 | 1.5 | 25.4 | 100/1000 |
| ST-0187-0625 | 4.8 | 1.5 | 15.9 | 100/1000 |
| ST-0187-1000 | 4.8 | 1.5 | 25.4 | 100/1000 |
| ST-0187-1500 | 4.8 | 1.5 | 38.1 | 100/1000 |
| ST-0197-0500 | 5.0 | 1.5 | 12.7 | 100/1000 |
| ST-0197-1000 | 5.0 | 1.5 | 25.4 | 100/1000 |
| ST-0218-1000 | 5.5 | 1.5 | 25.4 | 100/1000 |
| ST-0223-1000 | 5.7 | 1.5 | 25.4 | 100/1000 |
| ST-0234-1000 | 5.9 | 1.5 | 25.4 | 100/1000 |
| ST-0250-1000 | 6.4 | 1.5 | 25.4 | 100/1000 |
| ST-0281-1000 | 7.1 | 1.5 | 25.4 | 100/1000 |
| ST-0295-1000 | 7.5 | 1.5 | 25.4 | 100/1000 |
| ST-0295-1500 | 7.5 | 1.5 | 38.1 | 100/1000 |
| ST-0312-1000 | 7.9 | 1.5 | 25.4 | 100/1000 |
| ST-0312-1500 | 7.9 | 1.5 | 38.1 | 100/1000 |
| ST-0340-1000 | 8.6 | 1.5 | 25.4 | 100/1000 |
| ST-0355-1500 | 9.0 | 1.5 | 38.1 | 100/1000 |

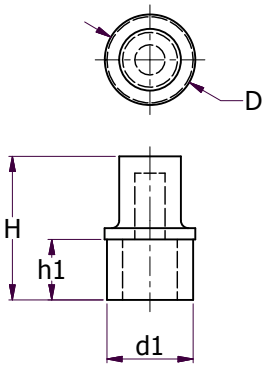
| Part Number | A mm | B mm | C mm | Std Pack Qty |
|---|---|---|---|---|
| ST-0375-1000 | 9.5 | 1.5 | 25.4 | 100/1000 |
| ST-0375-1500 | 9.5 | 1.5 | 38.1 | 100/1000 |
| ST-0406-1000 | 10.3 | 1.5 | 25.4 | 100/1000 |
| ST-0406-1500 | 10.3 | 1.5 | 38.1 | 100/1000 |
| ST-0437-1000 | 11.1 | 1.5 | 25.4 | 100/1000 |
| ST-0437-2000 | 11.1 | 1.5 | 50.8 | 100/1000 |
| ST-0456-1000 | 11.6 | 1.5 | 25.4 | 100/1000 |
| ST-0468-1000 | 11.9 | 1.5 | 25.4 | 100/1000 |
| ST-0500-1500 | 12.7 | 1.5 | 38.1 | 100/1000 |
| ST-0535-1500 | 13.6 | 1.5 | 38.1 | 100/1000 |
| ST-0562-1500 | 14.3 | 1.5 | 38.1 | 100/1000 |
| ST-0600-1500 | 15.2 | 1.5 | 38.1 | 100/1000 |
| ST-0625-1500 | 15.9 | 1.5 | 38.1 | 100/1000 |
| ST-0687-1500 | 17.4 | 1.5 | 38.1 | 100/1000 |
| ST-0730-1500 | 18.5 | 1.5 | 38.1 | 100/1000 |
| ST-0750-1500 | 19.1 | 1.5 | 38.1 | 100/1000 |
| ST-0812-1500 | 20.6 | 1.5 | 38.1 | 100/1000 |
| ST-0875-1500 | 22.2 | 1.5 | 38.1 | 100/1000 |
| ST-0937-1500 | 23.8 | 1.5 | 38.1 | 100/1000 |
| ST-1000-1500 | 25.4 | 1.5 | 38.1 | 100/1000 |
| ST-1125-1500 | 28.6 | 1.5 | 38.1 | 100/1000 |
| ST-1062-1500 | 27.0 | 1.5 | 38.1 | 100/1000 |
| ST-1187-1500 | 30.2 | 1.5 | 38.1 | 100/1000 |
| ST-1375-1500 | 34.9 | 1.5 | 38.1 | 100/1000 |
| ST-1625-2000 | 41.3 | 1.5 | 50.8 | 100/1000 |
| ST-1750-2000 | 44.5 | 1.5 | 50.8 | 100/1000 |
| ST-1875-2000 | 47.6 | 1.5 | 50.8 | 100/1000 |
| ST-2000-2000 | 50.8 | 1.5 | 50.8 | 100/1000 |
| ST-0223-1500 | 5.7 | 1.5 | 38.1 | 100/1000 |
| ST-0456-1500 | 11.6 | 1.5 | 38.1 | 100/1000 |
| ST-0480-1500 | 12.2 | 1.5 | 38.1 | 100/1000 |
| ST-1250-1500 | 31.8 | 1.5 | 38.1 | 100/1000 |

**SR 5750**

## Hollow Thread Masking Plug

**Silicone**






| Part Number | Colour | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d1 | h1 | H | D | |
| 35-UTM-M3* | Red | 2.7 | 5.3 | 20.8 | 3.5 | 1000 |
| 35-UTM-M4* | Pink | 3.6 | 5.8 | 21.8 | 4 | 1000 |
| 35-UTM-M5* | Yellow | 4.5 | 5.6 | 20.8 | 5.1 | 500 |
| 35-UTM-M6* | Clear | 5.3 | 7.5 | 24.5 | 6.3 | 500 |
| SPFT1/4A | Natural | 5.5 | 5.1 | 11.43 | 6.6 | 500 |
| SPFT5/16A | Natural | 7.1 | 5.1 | 12.7 | 8.1 | 500 |
| 35-UTM-M8 | Purple | 7.2 | 7.5 | 22.8 | 8.4 | 500 |
| SPFT3/8A | Natural | 8.6 | 6.6 | 25.25 | 10.7 | 250 |
| 35-UTM-M10 | Pink | 9.1 | 7.0 | 24.0 | 10.4 | 250 |
| SPFT7/16A | Natural | 10.0 | 8.9 | 19.05 | 11.2 | 250 |
| 35-UTM-M12 | Red | 10.8 | 9.5 | 20.8 | 12.4 | 250 |
| SPFT1/2A | Natural | 11.5 | 8.9 | 19.05 | 13.0 | 250 |
| SPFTM16A | Natural | 14.5 | 11.4 | 23.01 | 17.0 | 100 |
| 35-UTM-M16 | Green | 14.8 | 11.0 | 23.8 | 16.6 | 100 |
| 35-UTM-M20 | Yellow | 18.4 | 13.5 | 28.0 | 22.2 | 100 |
| 35-UTM-M24 | Grey | 22.8 | 16.0 | 37.8 | 24.1 | 50 |

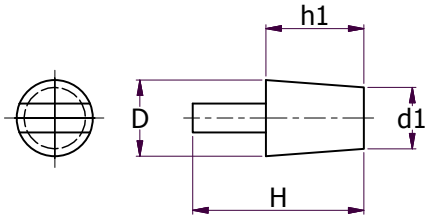
* not hollow

**SR 5751**

## Tapered Plug with Handle

**Silicone**



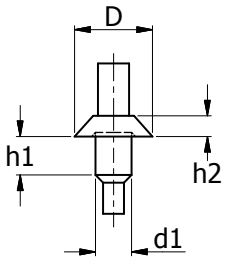


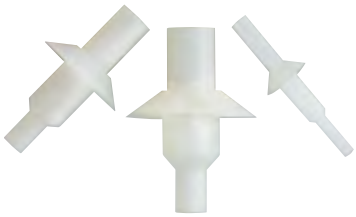

| Part Number | Colour | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d1 | D | h1 | H | |
| 35-UP101H | Pink | 1.6 | 4.8 | 15.9 | 25.4 | 1000 |
| 35-UP102H | Black | 3.2 | 6.4 | 19.1 | 31.8 | 1000 |
| 35-UP103H | Red | 4.8 | 8.7 | 15.9 | 28.7 | 1000 |
| 35-UP104H | Yellow | 6.4 | 9.5 | 19.0 | 31.8 | 100 |
| 35-UP105H | White | 6.4 | 9.5 | 12.8 | 25.4 | 100 |
| 35-UP00H | Purple | 10.3 | 15.1 | 25.4 | 44.5 | 100 |
| 35-UP108H | Light Green | 11.1 | 15.9 | 22.5 | 41.0 | 100 |
| 35-UP0H | Pink | 12.7 | 16.7 | 22.2 | 41.3 | 100 |
| 35-UP2H | Dark Green | 15.9 | 19.8 | 25.4 | 44.4 | 100 |
| 35-UP3H | Yellow | 18.3 | 23.8 | 25.4 | 44.4 | 100 |
| 35-UP4H | Grey | 19.0 | 25.4 | 25.4 | 44.4 | 100 |
| 35-HUP5H | Light Green | 23.0 | 27.0 | 25.4 | 44.4 | 100 |
| 35-HUP6H | Dark Green | 26.2 | 31.8 | 25.4 | 44.4 | 100 |
| 35-HUP7H | Blue | 30.2 | 36.5 | 25.4 | 44.4 | 50 |
| 35-HUP10H | Clear | 41.3 | 50.0 | 25.4 | 44.4 | 25 |
| 35-HUP11H | Dark Blue | 47.6 | 56.0 | 25.4 | 44.4 | 25 |

SR 5753

## Washer Pull Plug

**Silicone**



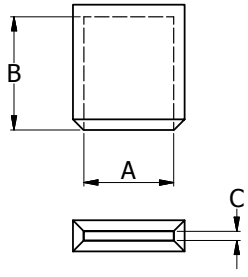



| Part Number | Colour | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | d1 | h2 | h1 | |
| 35-UWPP-M3 | Purple | 10.0 | 2.7 | 2.7 | 9.9 | 250 |
| 35-UWPP-M4 | Dark Green | 10.0 | 3.6 | 3.5 | 9.9 | 250 |
| 35-UWPP-M5 | Clear | 10.0 | 4.5 | 2.7 | 9.9 | 250 |
| 35-UWPP-M6 | White | 15.0 | 5.4 | 4.2 | 9.9 | 250 |
| 35-UWPP-M8 | Grey | 15.0 | 7.2 | 4.2 | 9.9 | 250 |
| 35-UWPP-M10 | Yellow | 20.0 | 9.5 | 5.3 | 9.9 | 100 |
| 35-UWPP-M12 | Pink | 20.0 | 10.9 | 5.3 | 9.9 | 100 |
| 35-UWPP-500 | Pink | 12.7 | 4.2 | 2.7 | 9.9 | 250 |
| 35-UWPP-562 | Yellow | 14.3 | 4.9 | 2.7 | 9.9 | 250 |
| 35-UWPP-625 | Dark Green | 15.9 | 5.7 | 2.7 | 9.9 | 250 |
| 35-UWPP-688 | Clear | 17.5 | 7.2 | 4.2 | 9.9 | 250 |
| 35-UWPP-812 | Grey | 20.6 | 8.7 | 4.2 | 9.9 | 100 |
| 35-UWPP-922 | White | 23.4 | 10.2 | 5.3 | 9.9 | 100 |
| 35-UWPP-1060 | Purple | 26.9 | 11.7 | 6.3 | 8.0 | 100 |

SR 5755

## Blade Masking Cap

**Silicone**





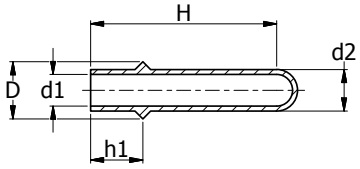

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | C | |
| 35-SCR1000 | 6.3 | 9.0 | 0.8 | 1000 |
| 35-SCR2000 | 11.7 | 7.1 | 0.9 | 1000 |
| 35-SCR3000* | 12.5 | 16.0 | 1.2 | 1000 |
| 35-SCR4000* | 6.3 | 10.0 | 0.8 | 1000 |
| 35-SCR5000* | 11.9 | 7.5 | 1.0 | 1000 |

* Black

SR 5754

## Cap with Flange

**Silicone**



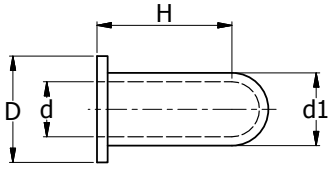



| Part Number | Colour | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | d2 | D | d1 | H | h1 | |
| 35-SCF-M8 | Yellow | 7.4 | 12.0 | 4.5 | 31.0 | 12.0 | 250 |
| 35-SCF-M10 | Pink | 8.7 | 14.7 | 6.0 | 32.0 | 13.0 | 250 |
| 35-SCF-M12 | Clear | 10.7 | 15.8 | 8.0 | 45.0 | 14.0 | 250 |
| 35-SCF-M14 | Grey | 12.6 | 17.5 | 9.6 | 57.0 | 17.0 | 250 |

SR 5756

## Washer Cap

**Silicone**






| Part Number | Colour | Thread | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | H | |
| 35-WC125-0500 | Clear | - | 12.7 | 3.2 | 6.6 | 25.4 | 500 |
| 35-WC156-0500 | Clear | - | 12.7 | 4.0 | 8.1 | 25.4 | 500 |
| 35-WC172-0500 | Clear | - | 12.7 | 4.4 | 9.8 | 25.4 | 500 |
| 35-WC027-012 | Green | M3 | 12.0 | 2.7 | 6.0 | 25.4 | 500 |
| 35-WC037-012 | Pink | M4 | 12.0 | 3.7 | 6.5 | 25.4 | 500 |
| 35-WC046-015 | Clear | M5 | 15.0 | 4.6 | 8.0 | 25.4 | 500 |
| 35-WC056-015 | Red | M6 | 15.0 | 5.6 | 8.5 | 25.4 | 500 |
| 35-WC075-018 | Black | M8 | 18.0 | 7.5 | 10.5 | 25.4 | 250 |
| 35-WC095-018 | Yellow | M10 | 20.5 | 9.5 | 12.5 | 38.1 | 250 |
| 35-WC115-025 | Clear | M12 | 25.0 | 11.5 | 16.5 | 38.1 | 250 |
| 35-WC155-031 | Purple | M16 | 31.0 | 15.5 | 20.5 | 38.1 | 250 |
| 35-WC195-038 | Grey | M20 | 38.0 | 19.5 | 24.5 | 38.1 | 250 |

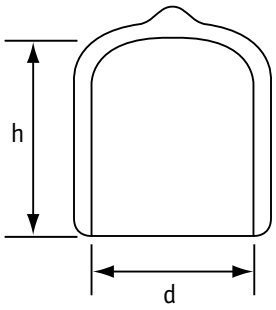
**SR 1044**

# Yellow Flexicaps

**Yellow Flexible PVC**

- Flexible, durable caps for a multitude of uses
- Attractive vinyl appearance - suitable for finished applications





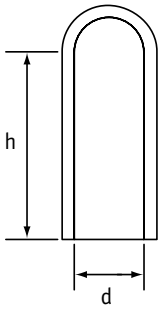

| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Metric | BSP | UNF | d | h | |
| DM0080-1/2B | - | - | - | 2.0 | 13.0 | 5000 |
| DM0110-1/2C | M3 | - | - | 2.8 | 13.0 | 5000 |
| DM0125-1/2C | M3 | - | - | 3.2 | 13.0 | 5000 |
| FCYJ-0036-013 | M4 | - | - | 3.6 | 13.0 | 5000 |
| FCYJ-0039-013 | - | - | - | 3.9 | 13.0 | 5000 |
| FCYJ-0039-025 | - | - | - | 3.9 | 25.0 | 5000 |
| FCYJ-0044-013 | M5 | - | 3/16" | 4.4 | 13.0 | 5000 |
| FCYJ-0044-019 | M5 | - | 3/16" | 4.4 | 19.0 | 5000 |
| FCYJ-0044-025 | M5 | - | 3/16" | 4.4 | 25.0 | 5000 |
| FCYJ-0048-013 | M5 | - | 3/16" | 4.8 | 13.0 | 5000 |
| FCYJ-0048-025 | M5 | - | 3/16" | 4.8 | 25.0 | 5000 |
| FCYJ-0052-013 | - | - | - | 5.2 | 13.0 | 5000 |
| FCYJ-0055-013 | - | - | - | 5.5 | 13.0 | 5000 |
| FCYJ-0055-025 | - | - | - | 5.5 | 25.0 | 5000 |
| FCYJ-0059-013 | M6 | - | 1/4" | 5.9 | 13.0 | 5000 |
| FCYJ-0059-025 | M6 | - | 1/4" | 5.9 | 25.0 | 5000 |
| FCYJ-0064-013 | - | - | 1/4" | 6.4 | 13.0 | 5000 |
| FCYJ-0064-025 | - | - | - | 6.4 | 25.0 | 5000 |
| FCYJ-0070-013 | - | - | - | 7.0 | 13.0 | 5000 |
| FCYJ-0077-013 | M8 | - | 5/16" | 7.7 | 13.0 | 5000 |
| FCYJ-0077-019 | M8 | - | 5/16" | 7.7 | 19.0 | 5000 |
| FCYJ-0077-025 | M8 | - | 5/16" | 7.7 | 25.0 | 5000 |
| FCYJ-0079-013 | M8 | - | 5/16" | 7.9 | 13.0 | 5000 |
| FCYJ-0079-019 | M8 | - | 5/16" | 7.9 | 19.0 | 5000 |
| FCYJ-0079-025 | M8 | - | 5/16" | 7.9 | 25.0 | 5000 |
| FCYJ-0083-025 | - | - | - | 8.3 | 25.0 | 2500 |
| FCYJ-0087-013 | - | - | - | 8.7 | 13.0 | 5000 |
| FCYJ-0087-019 | - | - | - | 8.7 | 19.0 | 5000 |
| FCYJ-0095-013 | M10 | 1/8" | 3/8" | 9.5 | 13.0 | 5000 |
| FCYJ-0095-019 | M10 | 1/8" | 3/8" | 9.5 | 19.0 | 5000 |
| FCYJ-0095-025 | M10 | 1/8" | 3/8" | 9.5 | 25.0 | 5000 |
| FCYJ-0103-013 | - | - | - | 10.3 | 13.0 | 5000 |
| FCYJ-0103-025 | - | - | - | 10.3 | 25.0 | 2500 |
| FCYJ-0111-013 | M12 | - | 7/16" | 11.1 | 13.0 | 5000 |
| FCYJ-0111-019 | M12 | - | 7/16" | 11.1 | 19.0 | 5000 |
| FCYJ-0111-025 | M12 | - | 7/16" | 11.1 | 25.0 | 2500 |
| FCYJ-0119-013 | M12 | - | 1/2" | 11.9 | 13.0 | 5000 |
| FCYJ-0119-019 | M12 | - | 1/2" | 11.9 | 19.0 | 2500 |
| FCYJ-0119-025 | M12 | - | 1/2" | 11.9 | 25.0 | 2500 |
| FCYJ-0127-013 | - | 1/4" | 1/2" | 12.7 | 13.0 | 5000 |
| FCYJ-0127-019 | - | 1/4" | 1/2" | 12.7 | 19.0 | 2500 |
| FCYJ-0135-013 | M14 | - | - | 13.5 | 13.0 | 5000 |
| FCYJ-0135-025 | M14 | - | - | 13.5 | 25.0 | 5000 |
| FCYJ-0138-013 | M14 | - | - | 13.8 | 13.0 | 2500 |
| FCYJ-0138-025 | M14 | - | - | 13.8 | 25.0 | 2500 |

**SR 1095**

# High-Temperature Caps

**Black EPDM**

- Fit over studs, pins or tube ends providing excellent masking solution
- Can be also used as plug to mask threaded and non-threaded holes






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Metric | UNF | BSP | d | h | |
| 461744 | - | - | - | 0.5 | 12.7 | 1000 |
| 1461839 | - | 1/16″ | - | 1.6 | 19.1 | 1000 |
| 1461840 | - | 1/16″ | - | 1.8 | 25.4 | 1000 |
| 1461841 | - | - | - | 2.4 | 19.1 | 1000 |
| 1461842 | - | - | - | 2.4 | 25.4 | 1000 |
| 1461843 | - | - | - | 2.5 | 12.7 | 1000 |
| 1461844 | - | - | - | 2.5 | 25.4 | 1000 |
| 1461845 | M3 | - | - | 2.8 | 19.1 | 1000 |
| 1461846 | M3 | - | - | 2.8 | 25.4 | 1000 |
| 461753 | - | - | - | 3.2 | 12.7 | 1000 |
| 1461847 | - | - | - | 3.2 | 25.4 | 1000 |
| 1461848 | - | - | - | 3.5 | 12.7 | 500 |
| 1461849 | - | - | - | 3.5 | 25.4 | 500 |
| 1461850 | M4 | - | - | 3.8 | 19.1 | 500 |
| 1461851 | M4 | - | - | 3.8 | 25.4 | 250 |
| 1461852 | M4 | - | - | 4.0 | 12.7 | 250 |
| 1461853 | M4 | - | - | 4.0 | 25.4 | 250 |
| 10605615 | M4 | - | - | 4.0 | 38.1 | 250 |
| 1461854 | - | 3/16″ | - | 4.4 | 12.7 | 250 |
| 1461855 | - | 3/16″ | - | 4.4 | 25.4 | 250 |
| 1461856 | - | 3/16″ | - | 4.4 | 38.1 | 250 |
| 1461857 | M5 | - | - | 4.8 | 12.7 | 250 |
| 10605622 | M5 | - | - | 4.8 | 25.4 | 250 |
| 1461858 | - | - | - | 5.5 | 25.4 | 250 |
| 1461859 | M6 | - | - | 5.7 | 12.7 | 250 |
| 1461860 | M6 | - | - | 5.7 | 25.4 | 250 |
| 1461861 | M6 | - | - | 5.7 | 38.1 | 250 |
| 1461862 | M6 | 1/4″ | - | 5.9 | 12.7 | 250 |
| 1461863 | M6 | 1/4″ | - | 5.9 | 25.4 | 250 |
| 10605639 | M6 | 1/4″ | - | 5.9 | 38.1 | 250 |
| 1461864 | - | - | - | 6.4 | 25.4 | 250 |
| 1461865 | - | - | - | 6.4 | 38.1 | 250 |
| 1461866 | - | 5/16″ | - | 7.1 | 12.7 | 250 |
| 461778 | - | 5/16″ | - | 7.1 | 25.4 | 250 |
| 1461867 | M8 | 5/16″ | 1/16″ | 7.5 | 38.1 | 250 |
| 1461868 | M8 | - | - | 7.9 | 25.4 | 250 |
| 1461869 | M8 | - | - | 7.9 | 38.1 | 250 |
| 1461870 | - | - | - | 8.7 | 25.4 | 250 |
| 1461871 | - | - | - | 9.0 | 38.1 | 250 |
| 1461872 | M10 | - | 1/8″ | 9.5 | 12.7 | 250 |
| 1461873 | M10 | - | 1/8″ | 9.5 | 19.1 | 250 |
| 1461874 | M10 | - | 1/8″ | 9.5 | 25.4 | 250 |
| 1461875 | M10 | - | 1/8″ | 9.5 | 38.1 | 250 |
| 1461876 | - | - | - | 10.3 | 25.4 | 250 |
| 1461877 | - | 7/16″ | - | 11.1 | 25.4 | 200 |
| 1461878 | - | - | - | 11.6 | 25.4 | 100 |
| 1461879 | M12 | - | - | 11.6 | 38.1 | 100 |

| Part Number | To Fit Thread Size | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Metric | UNF | BSP | d | h | |
| 1461880 | M12 | 1/2″ | - | 11.9 | 25.4 | 100 |
| 1461881 | - | 1/2″ | - | 12.2 | 38.1 | 100 |
| 1461882 | - | 1/2″ | 1/4″ | 12.7 | 38.1 | 100 |
| 461795 | - | 1/2″ | 1/4″ | 12.7 | 76.2 | 100 |
| 1461883 | - | 1/2″ | 1/4″ | 12.7 | 101.6 | 100 |
| 1461884 | M14 | - | - | 13.6 | 38.1 | 100 |
| 10605646 | M14 | - | - | 13.6 | 76.2 | 100 |
| 1475773 | M15 | - | - | 14.3 | 16.7 | 100 |
| 1475772 | M15 | - | - | 14.3 | 27.9 | 100 |
| 1461885 | M15 | - | - | 14.3 | 38.1 | 100 |
| 1461886 | - | - | - | 15.2 | 38.1 | 100 |
| 1461887 | M16 | 5/8″ | 3/8″ | 15.9 | 31.8 | 100 |
| 1461888 | M16 | 5/8″ | 3/8″ | 15.9 | 38.1 | 100 |
| 1516647 | M16 | 5/8″ | 3/8″ | 15.9 | 57.2 | 100 |
| 1475774 | - | - | - | 17.5 | 15.9 | 100 |
| 1461889 | - | - | - | 17.5 | 38.1 | 100 |
| 10605653 | - | - | - | 17.5 | 44.5 | 100 |
| 1475775 | - | - | - | 17.5 | 63.5 | 100 |
| 10626672 | - | - | - | 18.5 | 38.1 | 100 |
| 10605660 | - | - | - | 18.5 | 109.9 | 100 |
| 1461890 | M20 | 3/4″ | - | 19.1 | 38.1 | 100 |
| 1475776 | M20 | 3/4″ | - | 19.1 | 48.9 | 100 |
| 10605677 | M20 | 3/4″ | - | 19.1 | 88.9 | 100 |
| 1475777 | M20 | 3/4″ | - | 19.1 | 109.2 | 100 |
| 1475778 | M22 | 7/8″ | 1/2″ | 20.6 | 25.4 | 100 |
| 1461891 | M22 | 7/8″ | 1/2″ | 20.6 | 38.1 | 100 |
| 1475779 | M22 | 7/8″ | - | 21.5 | 72.2 | 100 |
| 1461892 | - | - | - | 22.2 | 38.1 | 100 |
| 1461893 | M24 | - | - | 23.8 | 38.1 | 100 |
| 10605684 | - | - | - | 24.6 | 38.1 | 100 |
| 1461894 | - | - | - | 24.6 | 101.6 | 100 |
| 461823 | M27 | 1″ | - | 25.4 | 20.8 | 100 |
| 1461895 | M27 | 1″ | - | 25.4 | 38.1 | 100 |
| 1461896 | M27 | 1″ | - | 25.4 | 50.8 | 100 |
| 10626719 | - | - | - | 27.5 | 76.2 | 100 |
| 1461897 | M30 | - | - | 28.6 | 38.1 | 100 |
| 1516648 | - | - | - | 30.1 | 59.0 | 100 |
| 1461898 | M33 | 1 1/4″ | 1″ | 31.8 | 38.1 | 100 |
| 1461899 | M39 | 1 1/2″ | - | 38.1 | 25.4 | 100 |
| 10605691 | M39 | 1 1/2″ | - | 38.1 | 38.1 | 100 |
| 1461900 | M39 | 1 1/2″ | - | 38.1 | 44.5 | 100 |
| 1475780 | - | - | 1 1/4″ | 41.3 | 50.8 | 50 |
| 10605707 | - | 1 3/4″ | - | 44.5 | 38.1 | 50 |
| 1461901 | - | 1 3/4″ | - | 44.5 | 50.8 | 50 |
| 1461902 | - | - | 1 1/2″ | 47.6 | 50.8 | 50 |
| 1461903 | - | - | - | 50.8 | 50.8 | 50 |
| 1475781 | - | - | - | 53.5 | 50.8 | 50 |

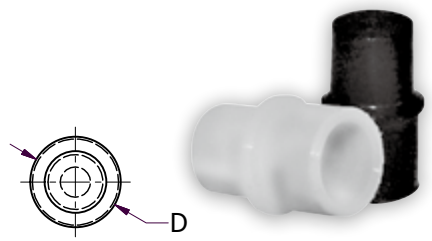
Standard wall thickness - 1.5mm.

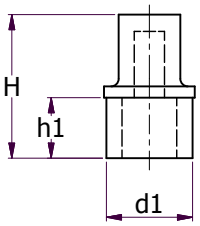
**SPFT Series**

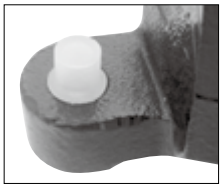
## Plugs with First-Thread Protection

**Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 50 ± 5**

- Provides masking to the first thread of standard female threads
- Ergonomically-friendly pull tab for simple installation and removal
- EPDM: a more economical material with slightly reduced heat resistance, but superior chemical resistance. Also reusable



| Part Number | Colour | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d1 | h1 | H | D | |
| SPFT1/4B | Black | 5.5 | 5.1 | 11.43 | 6.6 | 500 |
| SPFT5/16B | Black | 7.1 | 5.1 | 12.7 | 8.1 | 500 |
| SPFT3/8B | Black | 8.6 | 6.6 | 25.25 | 10.7 | 250 |
| SPFT7/16B | Black | 10.0 | 8.9 | 19.05 | 11.2 | 250 |
| SPFT1/2B | Black | 11.5 | 8.9 | 19.05 | 13.0 | 250 |
| SPFTM6B | Black | 5.3 | 5.0 | 24.5 | 6.3 | 500 |
| SPFTM8B | Black | 7.2 | 5.0 | 22.8 | 8.4 | 500 |
| SPFTM10B | Black | 9.1 | 7.0 | 24.0 | 10.4 | 250 |
| SPFTM12B | Black | 10.8 | 8.8 | 20.8 | 12.4 | 250 |
| SPFTM16B | Black | 14.5 | 11.4 | 23.01 | 17.0 | 100 |
| SPFTM20B | Black | 18.4 | 13.0 | 28.0 | 20.6 | 100 |

**SR 1096**

## High-Temperature Ezecaps

**Black EPDM**

- Internal seal prevents paint ingress
- Flanged for easy removal






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | d1 | h | |
| 461867 | 4.0 | 7.2 | 30.0 | 500 |
| 461869 | 4.8 | 7.9 | 35.0 | 500 |
| 461871 | 6.0 | 9.2 | 30.0 | 500 |
| 461872 | 6.5 | 9.7 | 23.1 | 500 |
| 461874 | 7.5 | 10.6 | 33.8 | 200 |
| 461875 | 8.0 | 11.2 | 24.7 | 250 |
| 461879 | 11.5 | 14.6 | 30.9 | 250 |
| 461880 | 12.3 | 15.5 | 25.7 | 250 |
| 461881 | 13.5 | 16.7 | 30.0 | 250 |
| 461882 | 15.4 | 18.6 | 30.0 | 250 |
| 10582756 | 17.0 | 23.0 | 40.0 | 250 |
| 10626658 | 23.0 | 30.0 | 50.0 | 250 |
| 10626665 | 29.0 | 36.0 | 50.0 | 250 |

**SR 1091**

## High-Temperature Cone Caps/Plugs

**Black EPDM**

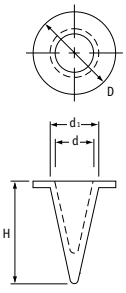
- Versatile dual role:cap masks exposed studs;plug masks exposed holes
- As plug,components can be held by painting hooks



As a plug



As a cap




| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | d | d1 | H | |
| 461894 | 12.7 | 3.3 | 6.3 | 23.0 | 1000 |
| 461895 | 12.7 | 5.5 | 8.0 | 25.4 | 1000 |
| 461896 | 15.9 | 4.5 | 8.5 | 25.4 | 1000 |
| 461897 | 16.5 | 5.0 | 10.0 | 28.0 | 1000 |
| 461898 | 16.1 | 5.8 | 10.1 | 27.9 | 1000 |
| 461899 | 19.1 | 8.0 | 14.0 | 36.0 | 1000 |
| 461900 | 24.9 | 11.5 | 17.5 | 38.1 | 250 |
| 461901 | 27.9 | 13.5 | 19.5 | 51.0 | 200 |
| 461903 | 31.0 | 16.0 | 22.0 | 53.0 | 200 |

**SR 1089**

## High-Temperature Plugs

**Black EPDM**

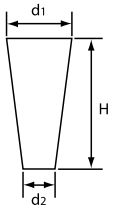
Type 1

- Recommended for plating, anodising, spray painting and other finishing applications
- Excellent sealing capacity
- Ideal for plain and threaded holes

Type 2

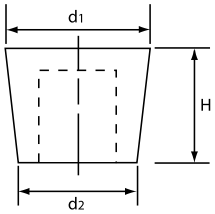
- Cost-effective solution for larger sizes due to hollowed centre
- More flexible than solid plugs allowing easier application






Type 1






Type 2

| Part Number | Type | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | $d_1$ | $d_2$ | H | |
| 461526 | 1 | M2 | - | - | 2.0 | 0.5 | 19.1 | 1000 |
| 461527 | 1 | M2 | - | - | 3.2 | 0.8 | 15.9 | 1000 |
| 461528 | 1 | M3 | - | - | 3.2 | 1.6 | 15.9 | 1000 |
| 461529 | 1 | M3,M4 | - | - | 4.8 | 1.6 | 15.9 | 1000 |
| 461530 | 1 | M3,M4 | - | - | 4.8 | 1.6 | 19.1 | 1000 |
| 461531 | 1 | M3,M4,M5 | - | - | 5.5 | 1.2 | 38.1 | 1000 |
| 461532 | 1 | M5,M6 | 1/4″ | - | 6.4 | 3.2 | 19.1 | 1000 |
| 461533 | 1 | M5,M6 | 1/4″ | - | 6.4 | 3.2 | 25.4 | 1000 |
| 461534 | 1 | M7,M8 | 5/8″ | 1/16″ | 8.7 | 4.8 | 15.9 | 1000 |
| 461535 | 1 | M7,M8 | 5/8″ | 1/16″ | 8.7 | 4.8 | 25.4 | 1000 |
| 461536 | 1 | M10 | 3/8″ | 1/8″ | 9.5 | 6.4 | 12.7 | 100 |
| 461537 | 1 | M10 | 3/8″ | 1/8″ | 9.5 | 6.4 | 19.1 | 100 |
| 461538 | 1 | M12 | 7/16″ | - | 11.1 | 8.7 | 17.5 | 100 |
| 461539 | 1 | M10,M12 | 3/8″ | 1/8″ | 11.1 | 6.4 | 25.4 | 100 |
| 461540 | 1 | M12 | 7/16″ | - | 11.9 | 8.7 | 20.6 | 100 |
| 461541 | 1 | M10,M12,M14 | 7/16″,1/2″,9/16″ | 1/4″ | 14.3 | 7.9 | 28.6 | 100 |
| 461542 | 1 | M10,M12,M14 | 7/16″,1/2″,9/16″ | 1/4″ | 14.3 | 7.9 | 25.4 | 100 |
| 461543 | 1 | M14,M16 | 1/2″,9/16″ | - | 15.1 | 10.3 | 25.4 | 100 |
| 461544 | 1 | M14,M16 | 9/16″,5/8″ | 3/8″ | 15.9 | 11.1 | 22.2 | 100 |
| 461545 | 1 | M16 | 5/8″ | 3/8″ | 16.7 | 12.7 | 25.4 | 100 |
| 461546 | 1 | M14,M16,M18 | 5/8″ | 3/8″ | 17.5 | 11.1 | 25.4 | 100 |
| 461547 | 1 | M18,M20 | 3/4″ | - | 19.1 | 14.3 | 14.3 | 100 |
| 461548 | 1 | M18,M20 | 3/4″ | - | 19.1 | 14.3 | 25.4 | 100 |
| 461549 | 1 | M20 | 3/4″ | 1/2″ | 19.8 | 15.9 | 25.4 | 100 |
| 461550 | 1 | M20,M22 | 3/4″ | 1/2″ | 20.3 | 15.9 | 15.9 | 100 |
| 461551 | 1 | M22,M24 | 7/8″ | - | 23.5 | 19.1 | 19.1 | 100 |

| Part Number | Type | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | $d_1$ | $d_2$ | H | |
| 461552 | 1 | M22, M24 | 7⁄8" | - | 23.8 | 18.3 | 25.4 | 100 |
| 461553 | 1 | M24, M27 | 1" | 3⁄4" | 25.4 | 19.8 | 25.4 | 100 |
| 461554 | 1 | M27 | - | - | 27.0 | 23.0 | 25.4 | 100 |
| 461555 | 1 | M30 | 1 1⁄8" | - | 27.9 | 23.8 | 25.4 | 100 |
| 461556 | 1 | M33 | 1 1⁄4" | - | 31.8 | 26.2 | 25.4 | 100 |
| 461557 | 1 | M33 | 1 1⁄4",1 3⁄8" | 1" | 33.4 | 27.0 | 25.4 | 100 |
| 461558 | 1 | M36 | 1 3⁄8" | - | 36.5 | 30.2 | 25.4 | 100 |
| 461559 | 1 | M39 | 1 1⁄2" | - | 38.9 | 31.8 | 25.4 | 100 |
| 461560 | 1 | M39, M42 | 1 1⁄2" | 1 1⁄4" | 41.3 | 33.3 | 25.4 | 100 |
| 461561 | 1 | M42 | - | 1 1⁄4" | 42.9 | 35.7 | 25.4 | 100 |
| 461562 | 1 | M48 | - | - | 44.5 | 37.3 | 25.4 | 100 |
| 461563 | 1 | M48 | - | 1 1⁄2" | 46.0 | 38.1 | 25.4 | 100 |
| 461564 | 1 | - | - | 1 1⁄2" | 50.0 | 41.3 | 25.4 | 50 |
| 461565 | 1 | M56 | - | - | 52.4 | 44.5 | 25.4 | 50 |
| 461566 | 1 | M56 | - | - | 56.0 | 47.6 | 25.4 | 50 |
| 461567 | 1 | M64 | - | 2" | 62.7 | 50.0 | 25.4 | 50 |
| 461568 | 1 | M64 | - | 2" | 63.5 | 54.0 | 25.4 | 50 |
| 461569 | 1 | - | - | - | 68.3 | 57.9 | 25.4 | 50 |
| 461570 | 1 | - | - | 2 1⁄2" | 75.0 | 61.9 | 34.9 | 50 |
| 461571 | 1 | - | - | 3" | 88.9 | 76.2 | 38.1 | 10 |
| 461572 | 1 | - | - | - | 101.6 | 82.6 | 38.1 | 10 |
| 461573 | 1 | - | - | 4" | 127.0 | 88.9 | 50.8 | 5 |
| 461574 | 2 | - | 1 1⁄2" | - | 39.0 | 31.0 | 25.0 | 50 |
| 461575 | 2 | M42, M45 | - | 1 3⁄8" | 43.0 | 36.0 | 25.0 | 50 |
| 461581 | 2 | - | - | - | 46.0 | 38.0 | 25.0 | 50 |
| 461582 | 2 | - | - | - | 53.0 | 45.0 | 25.0 | 25 |
| 461583 | 2 | M60, M62 | - | - | 63.0 | 50.0 | 25.0 | 25 |

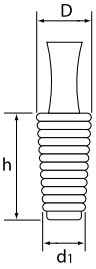
**SR 1090**

## High-Temperature Flangeless Plugs

**Black EPDM**

- Designed to mask holes without masking the surrounding area
- Tapered rings and hollow core allow many different areas to be masked
- Pull-tab allows easy installation and removal temperature resistance





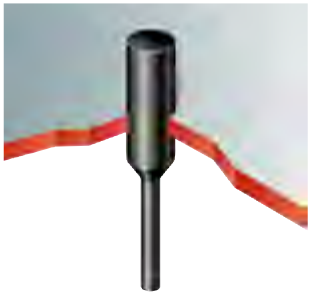

| Part Number | Colour | To Fit Thread Size | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Metric | UNF | BSP | $d_1$ | D | h | |
| 461479 | Black | M6 | 1/4″ | - | 4.0 | 6.0 | 25.4 | 1000 |
| SFP188415B | Black | - | - | - | 4.8 | 10.5 | 25.4 | 1000 |
| 461480 | Black | M8 | - | - | 6.0 | 8.0 | 25.4 | 1000 |
| 461481 | Black | M10 | 3/8″ | 1/8″ | 8.0 | 10.0 | 25.4 | 1000 |
| 461482 | Black | - | - | - | 10.0 | 12.0 | 25.4 | 500 |
| SFP415641B | Black | - | - | - | 10.5 | 16.3 | 25.4 | 500 |
| 461483 | Black | - | - | - | 12.0 | 14.0 | 25.4 | 500 |
| 461484 | Black | M6 | 5/8″ | 3/8″ | 14.0 | 16.0 | 25.4 | 200 |
| 461485 | Black | - | - | - | 16.0 | 18.0 | 25.4 | 200 |
| SFP641868B | Black | - | - | - | 16.3 | 22.1 | 25.4 | 200 |
| 461486 | Black | M20 | 3/4″ | 1/2″ | 18.0 | 20.0 | 25.4 | 200 |
| SFP8681094B | Black | - | - | - | 22.1 | 27.8 | 25.4 | 100 |
| 461488 | Black | - | - | - | 22.5 | 24.0 | 25.4 | 200 |
| 461489 | Black | - | - | - | 24.0 | 26.0 | 25.4 | 100 |
| SFP10941320B | Black | - | - | - | 27.8 | 33.5 | 25.4 | 100 |
| SFP13201547B | Black | - | 1-1/2″ | - | 33.5 | 39.3 | 25.4 | 100 |
| SFP15471774B | Black | - | 1-3/4″ | - | 39.3 | 45.1 | 25.4 | 50 |
| SFP17742000B | Black | M45 | 2″ | - | 45.1 | 50.8 | 25.4 | 50 |

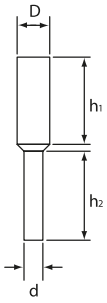
**SR 1094**

## High-Temperature Pull Plugs

**Black EPDM**

- Ideal for masking threaded and plain through-holes
- Pull-tab allows plugs to be pushed into hole to be masked, and pulled out after use






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | d | $h_1$ | $h_2$ | |
| 461640 | 5.0 | 2.8 | 15.9 | 15.9 | 500 |
| 1475760 | 5.0 | 2.8 | 24.4 | 25.4 | 500 |
| 10623480 | 5.7 | 3.2 | 24.4 | 25.4 | 500 |
| 461645 | 7.0 | 3.2 | 23.8 | 23.4 | 500 |
| 461648 | 8.5 | 3.9 | 25.4 | 25.4 | 500 |
| 461649 | 8.9 | 4.9 | 22.4 | 23.5 | 250 |
| 461650 | 9.8 | 3.9 | 25.4 | 25.4 | 250 |
| 20019143 | 10.2 | 4.0 | 25.4 | 25.4 | 250 |
| 10605578 | 11.3 | 6.5 | 25.4 | 25.2 | 250 |
| 1475719 | 12.0 | 6.2 | 25.4 | 25.4 | 250 |
| 461658 | 12.6 | 6.4 | 25.4 | 25.4 | 250 |
| 1475720 | 13.5 | 6.4 | 25.4 | 25.4 | 250 |
| 1475721 | 16.3 | 9.5 | 25.4 | 25.4 | 100 |
| 1475722 | 18.0 | 9.5 | 31.8 | 33.7 | 100 |

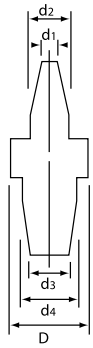
**SR 1092**

## High-Temperature Washer Plugs

**Black EPDM**

- Plug threaded or plain holes
- Mask surface area around hole
- Integral washer and plug combination performs as single unit






| Part Number | To Fit Thread Size | | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | Metric | UNF | BSP | D | $d_1$ | $d_2$ | $d_3$ | $d_4$ | |
| 461619 | M3 | 1/4″ | - | 6.4 | 1.7 | 4.0 | 3.7 | 6.4 | 1000 |
| 461620 | M3,M5 | - | - | 7.9 | 2.3 | 3.6 | 3.0 | 4.6 | 1000 |
| 461621 | M6,M8 | 5/16″ | 1/16″ | 9.5 | 3.3 | 5.1 | 4.0 | 7.0 | 1000 |
| 461622 | M7,M9 | 5/16″ | 1/16″ | 12.7 | 4.0 | 7.0 | 7.3 | 9.5 | 1000 |
| 461623 | M10,M12 | 3/8″,1/2″ | 1/8″,1/4″ | 12.7 | 7.3 | 9.9 | 8.1 | 11.5 | 500 |

**SR 1179**

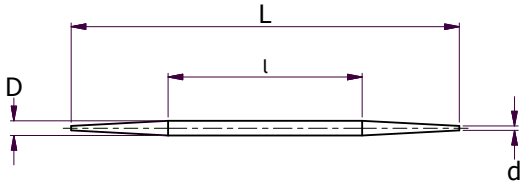
## Mouse Tail

**Black EPDM**

- Ideal to plug very small holes
- Recovery material produce a tight plug








| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | d | L | l | |
| 498740 | 2.0 | 0.6 | 33.8 | 16.9 | 500 |
| 498741 | 2.0 | 0.6 | 52.9 | 26.9 | 500 |
| 498743 | 2.5 | 0.8 | 52.8 | 26.4 | 500 |

**SR 1059**

## Green Polyester Tape up to +180°C

**Green Polyester**



- Quick adhesion for time-saving application
- Clean removal,leaving no residue
- General-purpose tape suitable for most masking applications including powder coating and anodising
- Supplied in 38 micron thickness

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Width(mm) | Length(mm) | |
| 100/12 | 12.0 | 66.0 | 1 |
| 100/18 | 18.0 | 66.0 | 1 |
| 100/25 | 25.0 | 66.0 | 1 |
| 100/30 | 30.0 | 66.0 | 1 |
| 100/40 | 40.0 | 66.0 | 1 |
| 100/50 | 50.0 | 66.0 | 1 |
| 100/75 | 75.0 | 66.0 | 1 |
| 100/100 | 100.0 | 66.0 | 1 |
| 330/250 | 250.0 | 66.0 | 1 |

**SR 1059**

## Paper Tape up to +135°C

**Crepe Paper**

- Two versions of paper masking tape available,each covering different temperature ranges from +80°C to +135°C
- General-purpose masking tape,suitable for most low temperature applications and for use with synthetic enamels, cellulose and acrylic paints



| Part Number | Dimensions (mm) | | Max. Temp. | Std Pack Qty |
|---|---|---|---|---|
| | Width(mm) | Length(mm) | | |
| 400/25 | 25.0 | 50.0 | +80ºC | 1 |
| 500/25 | 25.0 | 50.0 | +135ºC | 1 |

**SR 1058**

## Green Discs up to +180°C

**Polyester**

- Quick adhesion for time-saving application
- For a wide variety of applications including powder coating and anodising
- Clean removal - leaves no residue



| Part Number | Disc Diameter (mm) | Discs Per Roll | Std Pack Qty |
|---|---|---|---|
| 460501 | 12.0 | 2000 | 1 |
| 460502 | 15.0 | 2000 | 1 |
| 460503 | 18.0 | 1000 | 1 |
| 460504 | 20.0 | 1000 | 1 |
| 460505 | 25.0 | 500 | 1 |
| 460506 | 30.0 | 500 | 1 |
| 460507 | 40.0 | 250 | 1 |
| 460508 | 50.0 | 250 | 1 |

**SR 1059**

## Polymide Tape up to +260ºC

**Polyimide Substrate**

- High performance masking tape
- High chemical and abrasion resistance
- Suitable for powder coating (E-coating) applications
- Clean removal - leave no residue



| Part Number | Width (mm) | Length (mm) | Std Pack Qty |
|---|---|---|---|
| 200/12 | 12.0 | 33.0 | 1 |
| 200/25 | 25.0 | 33.0 | 1 |
| 200/50 | 50.0 | 33.0 | 1 |

SR 1183

## Masking Square

**Polyimide Substrate**

- High performance masking square
- High chemical and abrasion resistance
- Suitable for powder coating and E-coating applications
- Clean removal - leave no residue



| Part Number | Dimensions (mm) | Square per roll | Std Pack Qty |
|---|---|---|---|
| 499010 | 6 x 6 | 5000 | 1 |
| 499011 | 9 x 9 | 5000 | 1 |
| 499012 | 12 x 12 | 5000 | 1 |
| 499013 | 15 x 15 | 2000 | 1 |
| 499015 | 25 x 25 | 2000 | 1 |

SR 1097

## Masking Bags

**Clear LDPE**

- Mask awkward shapes
- Elasticated bottom to hold bag onto application
- Softening point +90°C,for use up to +100°C



| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Length(mm) | Width(mm) | |
| 498811 | 300 | 150 | 100 |
| 498812 | 300 | 250 | 100 |
| 498814 | 600 | 450 | 75 |
| 498815 | 600 | 600 | 25 |

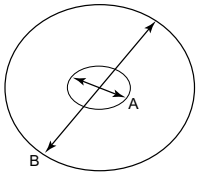
MCP Series

## Stretch Fit Cover Caps

**Polyethylene**

- Capable of covering a wide range of part diameters and shapes with one part
- Protects against dirt and moisture during storage and shipping
- Reusable








| Part Number | | A= Elastic Dia. | | B= Flat Overall Dia. | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|
| Blue | Clear | In | mm | In | mm | | |
| MCP050B | MCP050N | 1.00 | 25.40 | 3.00 | 76.20 | 1 | 1000 |
| MCP100B | MCP100N | 1.22 | 30.99 | 3.78 | 96.01 | 1 | 1000 |
| MCP105B | MCP105N | 1.25 | 50.80 | 8.00 | 203.20 | 1 | 500 |
| MCP110B | MCP110N | 1.50 | 38.10 | 4.50 | 114.30 | 1 | 1000 |
| MCP120B | MCP120N | 2.00 | 50.80 | 5.75 | 146.05 | 1 | 1000 |
| MCP125B | MCP125N | 2.50 | 63.50 | 10.00 | 254.00 | 1 | 500 |
| MCP130B | MCP130N | 2.44 | 61.98 | 8.66 | 219.96 | 1 | 500 |
| MCP140B | MCP140N | 3.07 | 77.98 | 9.45 | 240.03 | 1 | 500 |
| MCP145B | MCP145N | 3.50 | 88.90 | 18.00 | 457.20 | 1 | 300 |
| MCP150B | MCP150N | 4.25 | 107.95 | 13.00 | 330.20 | 1 | 250 |
| MCP155B | MCP155N | 5.75 | 146.05 | 24.00 | 609.60 | 1 | 200 |
| MCP160B | MCP160N | 5.00 | 127.00 | 15.95 | 405.13 | 1 | 250 |
| MCP165B | MCP165N | 6.50 | 165.10 | 32.00 | 812.80 | 1 | 100 |

**HV, HS & HC Series**

# V, S & C Style Hooks

**Cold Drawn Spring Steel**

- The HV-style hook design retains its ground longer
- The HS-style and HC-style hooks are ideal for wider parts or multiple styles of parts with varying thicknesses

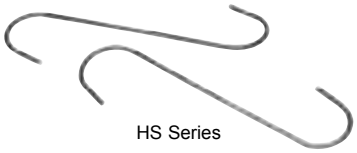
LINE EXTENSION



HV Series



HC Series



HS Series

| HC Style | HS Style | HV Style | Length | | Wire Size | | Capacity (Approx) | |
|---|---|---|---|---|---|---|---|---|
| Part Number | | | In | mm | In | mm | Lbs | kgs |
| — | — | HV2044A | 2 | 50.8 | 0.044 | 1.1 | 4 | 1.8 |
| HC2062A | HS2062A | HV2062A | 2 | 50.8 | 0.062 | 1.6 | 8 | 3.6 |
| HC2076A | HS2076A | HV2076A | 2 | 50.8 | 0.076 | 1.9 | 20 | 9.1 |
| HC3044A | HS3044A | — | 3 | 76.2 | 0.044 | 1.1 | 4 | 1.8 |
| HC3062A | HS3062A | — | 3 | 76.2 | 0.062 | 1.6 | 8 | 3.6 |
| HC3076A | HS3076A | HV3076A | 3 | 76.2 | 0.076 | 1.9 | 20 | 9.1 |
| HC4044A | HS4044A | HV4044A | 4 | 101.6 | 0.044 | 1.1 | 4 | 1.8 |
| HC4062A | HS4062A | HV4062A | 4 | 101.6 | 0.062 | 1.6 | 8 | 3.6 |
| HC4076A | HS4076A | HV4076A | 4 | 101.6 | 0.076 | 1.9 | 20 | 9.1 |
| HC4120A | HS4120A | HV4120A | 4 | 101.6 | 0.12 | 3 | 40 | 18.1 |
| HC4180A | HS4180A | HV4180A | 4 | 101.6 | 0.18 | 4.6 | 80 | 36.3 |
| — | — | HV904180A | 4 | 101.6 | 0.180 | 4.6 | 21.16 | 9.6 |
| — | — | HV904120A | 4 | 101.6 | 0.120 | 3.0 | 18.25 | 8.28 |
| — | — | HV6044A | 6 | 152.4 | 0.044 | 1.1 | 4 | 1.8 |
| HC6062A | HS6062A | HV6062A | 6 | 152.4 | 0.062 | 1.6 | 8 | 3.6 |
| HC6076A | HS6076A | HV6076A | 6 | 152.4 | 0.076 | 1.9 | 20 | 9.1 |
| HC6120A | HS6120A | HV6120A | 6 | 152.4 | 0.12 | 3 | 40 | 18.1 |
| HC6180A | HS6180A | HV6180A | 6 | 152.4 | 0.18 | 4.6 | 80 | 36.3 |
| — | — | HV906180A | 6 | 152.4 | 0.180 | 4.6 | 29.76 | 13.5 |
| — | — | HV906120A | 6 | 152.4 | 0.120 | 3.0 | 25.13 | 11.4 |
| HC8076A | HS8076A | HV8076A | 8 | 203.2 | 0.076 | 1.9 | 20 | 9.1 |
| HC8120A | HS8120A | HV8120A | 8 | 203.2 | 0.12 | 3 | 40 | 18.1 |
| HC8180A | HS8180A | HV8180A | 8 | 203.2 | 0.18 | 4.6 | 80 | 36.3 |
| — | — | HV908180A | 8 | 203.2 | 0.180 | 4.6 | 18.74 | 8.5 |
| — | — | HV908120A | 8 | 203.2 | 0.120 | 3.0 | 16.2 | 7.35 |
| HC10076A | HS10076A | HV10076A | 10 | 254 | 0.076 | 1.9 | 20 | 9.1 |
| — | HS10120A | HV10120A | 10 | 254 | 0.12 | 3 | 40 | 18.1 |
| HC10180A | HS10180A | HV10180A | 10 | 254 | 0.18 | 4.6 | 80 | 36.3 |
| — | — | HV9010180A | 10 | 254.0 | 0.180 | 4.6 | 44.53 | 20.2 |
| — | — | HV9010120A | 10 | 254.0 | 0.120 | 3.0 | 19.95 | 9.05 |
| HC12076A | HS12076A | HV12076A | 12 | 304.8 | 0.076 | 1.9 | 20 | 9.1 |
| — | HS12120A | HV12120A | 12 | 304.8 | 0.12 | 3 | 40 | 18.1 |
| — | — | HV9012120A | 12 | 304.8 | 0.120 | 3.0 | 21.61 | 9.8 |
| HC12180A | HS12180A | HV12180A | 12 | 304.8 | 0.18 | 4.6 | 80 | 36.3 |
| — | — | HV9012180A | 12 | 304.8 | 0.180 | 4.6 | 25.68 | 11.65 |
| — | HS15120A | — | 15 | 381 | 0.12 | 3 | 40 | 18.1 |
| — | — | HV9015120A | 15 | 381.0 | 0.120 | 3.0 | 60.52 | 27.45 |
| — | — | HV15120A | 15 | 381.0 | 0.120 | 3.0 | 26.68 | 12.1 |
| — | — | HV15076A | 15 | 381.0 | 0.076 | 1.9 | 10.47 | 4.75 |
| — | — | HV9018120A | 18 | 457.2 | 0.120 | 3.0 | 15.87 | 7.2 |
| — | — | HV18120A | 18 | 457.2 | 0.120 | 3.0 | 15.21 | 6.9 |
| — | — | HV18076A | 18 | 457.2 | 0.076 | 1.9 | 12.79 | 5.8 |

ESSENTRA COMPONENTS



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FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# CIRCUIT BOARD HARDWARE

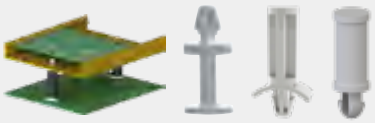

**Dual Locking Spacers**

**130-143**



**Push Spacers**

**144-146**



**Reverse Locking Spacers**

**147-151**



**Specialist Spacers**

**152-159**



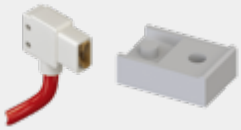
**Threaded/Metal Spacers**

**160-173**



**Insulators**

**174-179**



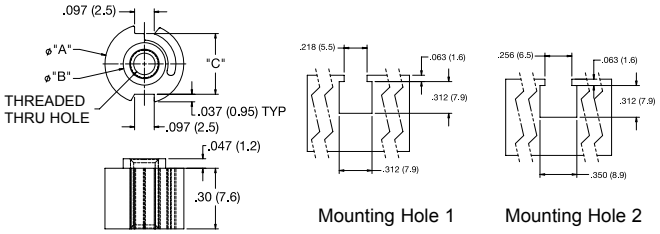
SEI

## Sheet Edge Insert

**Black Nylon 6/6, RMS-01**

- Flame Retardant Grade: UL94 V2
- Screwdriver required for installation






Mounting Hole 1 Mounting Hole 2

| Part Number | Dimensions (mm) | | | Thread Type | Panel Thickness | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | | | | |
| SEI-1 | 9.9 | 5.3 | 7.6 | #6-32 UNC | 1.27-2.41 | 1 | 1000 |
| SEI-2 | 9.9 | 5.3 | 7.6 | M4 | 1.27-2.3 | 1 | 1000 |
| SEI-3 | 9.9 | 5.3 | 7.6 | M3 | 1.27-2.3 | 1 | 1000 |
| SEI-4 | 10.9 | 6.3 | 8.6 | M5 | 1.27-2.41 | 2 | 1000 |
| SEI-5 | 10.9 | 6.3 | 8.6 | M6 | 1.27-2.41 | 2 | 1000 |

SRLAHS

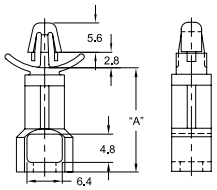
## Snap Rivet Locking Circuit Board Support

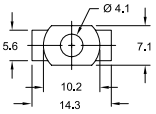
**Natural Nylon 6/6**

- Flame Retardant Grade: UL94 V2



Top Hole: Snap-lock: Ø 4.75 ± 0.08
Panel Thickness: 0.79- 1.98




Bottom Hole: Ø 4 - 4.1
Panel Thickness: see rivet table

| Rivets | |
|---|---|
| Use Rivet Number | For Panel Thickness (mm) |
| White / Black | |
| SR-4050W / SR-4050B | 0.7-1.6 |
| SR-4060W / SR-4060B | 1.5-2.7 |
| SR-4070W / SR-4070B | 2.7-3.7 |
| SR-4080W / SR-4080B | 3.7-4.7 |
| SR-4090W / SR-4090B | 4.7-5.7 |
| SR-4100W / SR-4100B | 5.7-6.7 |
| SR-4120W / SR-4120B | 7.2-8.7 |

| Part Number | "A"(mm) | Std Pack Qty |
|---|---|---|
| SRLAHS-7-01 | 11.1 | 1000 |
| SRLAHS-8-01 | 12.7 | 1000 |
| SRLAHS-14-01 | 22.2 | 1000 |
| SRLAHS-16-01 | 25.4 | 1000 |

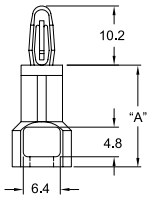
SRLCBS

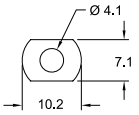
## Snap Rivet Locking Circuit Board Support

**Natural UL94 V2 Nylon6/6,RMS-01**



Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57




Bottom Hole: For Snap Rivet: 4.1 - 4.2
Panel Thickness: See Rivet Table

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| SRLCBS-6-01 | 9.5 | 1000 |
| SRLCBS-7-01 | 11.1 | 1000 |
| SRLCBS-8-01 | 12.7 | 1000 |
| SRLCBS-10-01 | 15.9 | 1000 |
| SRLCBS-12-01 | 19.1 | 1000 |
| SRLCBS-14-01 | 22.2 | 1000 |
| SRLCBS-16-01 | 25.4 | 1000 |

| Rivets | |
|---|---|
| Use Rivets Part Number | For Panel Thickness |
| SR-4050 | 0.7-1.6 |
| SR-4060 | 1.5-2.7 |
| SR-4070 | 2.7-3.7 |
| SR-4080 | 3.7-4.7 |
| SR-4090 | 4.7-5.7 |
| SR-4100 | 5.7-6.7 |
| SR-4120 | 7.2-8.7 |

LCBST/CLCBST/LMSP/LNCBS

# Locking Circuit Board Support

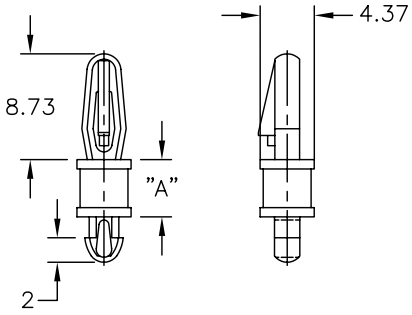
**Natural Nylon 6/6**



**LCBST**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

Type 1

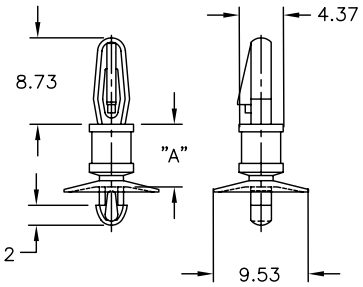



Bottom Hole: Snap-lock: 2.54 ± 0.05
Panel Thickness: 1.63 Max.

**CLCBST**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

Type 2

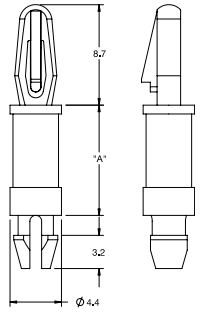



Bottom Hole: Snap-lock: 2.54 ± 0.05
Panel Thickness: 1.57

**LMSP**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

Type 3

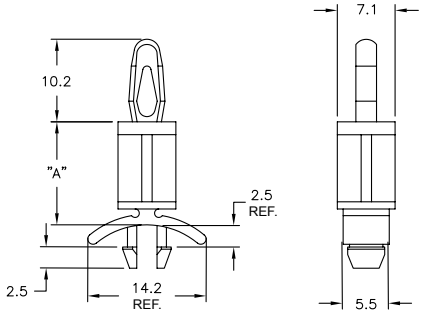



Bottom Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

**CBS**

Top Hole: Snap-fit: 4 ± 0.08
Panel Thickness: 1.57

Type 4

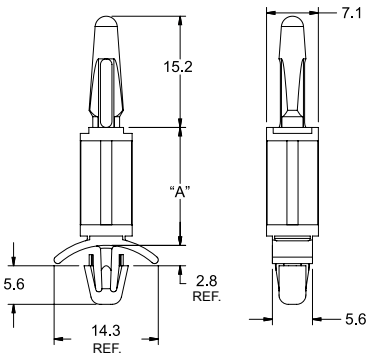



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

**LNCBS**

Top Hole: Snap-fit: 4 ± 0.08
Panel Thickness: 1.57

Type 5



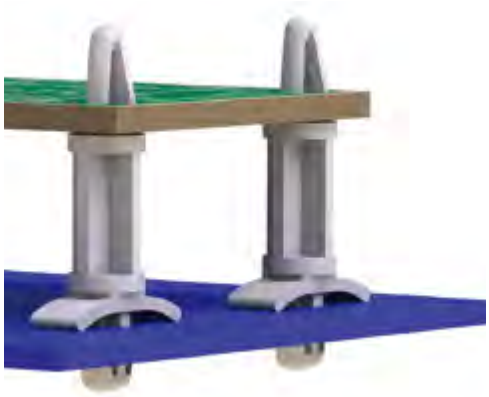

Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

| Part Number | | | | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| LCBST (Type 1) | CLCBST (Type 2) | LMSP (Type 3) | | CBS (Type 4) | | LNCBS (Type 5) | | |
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V2 Nylon 6/6, RMS-01 | UL94 V2 Nylon 6/6 RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | UL94 V2 Nylon 6/6, RMS-01 | | |
| LCBST-2-01 | CLCBST-2-01 | LMSP-2-01 | LMSP-2-19 | - | - | - | 3.2 | 1000 |
| LCBST-3-01 | CLCBST-3-01 | LMSP-3-01 | LMSP-3-19 | CBS-3-01 | CBS-3-19 | LNCBS-3-01 | 4.8 | 1000 |
| LCBST-4-01 | CLCBST-4-01 | LMSP-4-01 | LMSP-4-19 | CBS-4-01 | CBS-4-19 | LNCBS-4-01 | 6.4 | 1000 |
| LCBST-5-01 | CLCBST-5-01 | LMSP-5-01 | - | - | - | - | 7.9 | 1000 |
| LCBST-6-01 | CLCBST-6-01 | LMSP-6-01 | LMSP-6-19 | CBS-6-01 | CBS-6-19 | LNCBS-6-01 | 9.5 | 1000 |
| LCBST-7-01 | CLCBST-7-01 | LMSP-7-01 | LMSP-7-19 | - | - | - | 11.1 | 1000 |
| LCBST-8-01 | CLCBST-8-01 | LMSP-8-01 | LMSP-8-19 | CBS-8-01 | CBS-8-19 | LNCBS-8-01 | 12.7 | 1000 |
| LCBST-9-01 | CLCBST-9-01 | LMSP-9-01 | LMSP-9-19 | - | - | - | 14.3 | 1000 |
| LCBST-10-01 | CLCBST-10-01 | LMSP-10-01 | - | CBS-10-01 | - | - | 15.9 | 1000 |
| - | - | LMSP-12-01 | - | CBS-12-01 | CBS-12-19 | LNCBS-12-01 | 19.1 | 1000 |
| - | - | LMSP-14-01 | LMSP-14-19 | CBS-14-01 | CBS-14-19 | LNCBS-14-01 | 22.2 | 1000 |

LCBS

# Locking Circuit Board Support

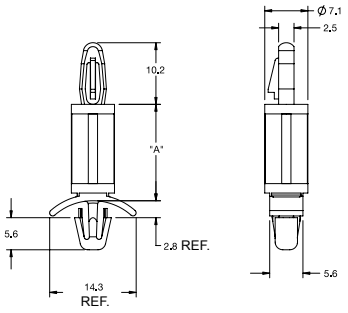
**Natural Nylon 6/6**



**LCBS**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 1

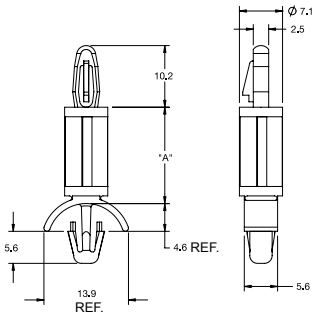



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

**LCBS-2**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 2

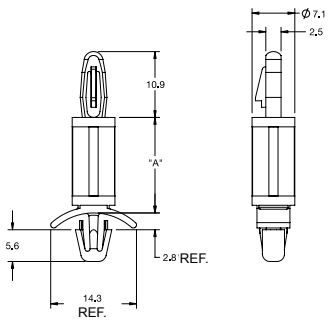



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.98 - 3.58

**LCBS-3**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 3




Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

| Part Number | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| LCBS (Type 1) | | LCBS-2 (Type 2) | LCBS-3 (Type 3) | | |
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | UL94 V2 Nylon 6/6 RMS-01 | UL94 V2 Nylon 6/6 RMS-01 | | |
| LCBS-3-01 | LCBS-3-19 | LCBS-2-3-01 | LCBS-3-3-01 | 4.8 | 1000 |
| LCBS-4-01 | LCBS-4-19 | LCBS-2-4-01 | LCBS-3-4-01 | 6.4 | 1000 |
| LCBS-5-01 | - | LCBS-2-5-01 | LCBS-3-5-01 | 7.9 | 1000 |
| LCBS-6-01 | LCBS-6-19 | LCBS-2-6-01 | LCBS-3-6-01 | 9.5 | 1000 |
| LCBS-7-01 | LCBS-7-19 | LCBS-2-7-01 | LCBS-3-7-01 | 11.1 | 1000 |
| LCBS-8-01 | LCBS-8-19 | LCBS-2-8-01 | LCBS-3-8-01 | 12.7 | 1000 |
| LCBS-10-01 | LCBS-10-19 | LCBS-2-10-01 | - | 15.9 | 1000 |
| LCBS-12-01 | LCBS-12-19 | LCBS-2-12-01 | LCBS-3-12-01 | 19.1 | 1000 |
| LCBS-14-01 | LCBS-14-19 | LCBS-2-14-01 | LCBS-3-14-01 | 22.2 | 1000 |
| LCBS-16-01 | LCBS-16-19 | LCBS-2-16-01 | LCBS-3-16-01 | 25.4 | 1000 |
| LCBS-18-01 | - | LCBS-2-18-01 | LCBS-3-18-01 | 28.6 | 1000 |
| LCBS-20-01 | LCBS-20-19 | LCBS-2-20-01 | LCBS-3-20-01 | 31.7 | 1000 |
| LCBS-22-01 | LCBS-22-19 | LCBS-2-22-01 | LCBS-3-22-01 | 34.9 | 1000 |

LCBS

# Locking Circuit Board Support *CONTINUED*

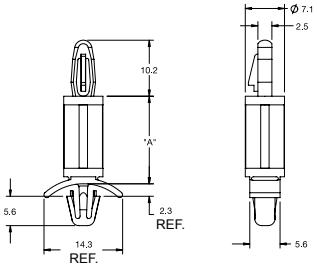
**Natural Nylon 6/6**



**LCBS-8**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 8

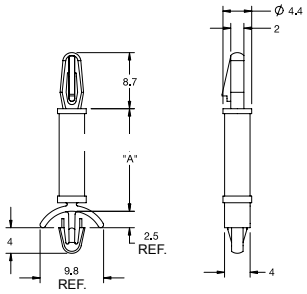



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.2 - 1.4

**LCBSM**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

Type 11




Bottom Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 0.79 - 1.98

| Part Number | Part Number | | |
|---|---|---|---|
| LCBS-8 (Type 8) | LCBSM (Type 11) | "A" Standoff Height (mm) | Std Pack Qty |
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V2 Nylon 6/6 RMS-01 | | |
| - | LCBSM-2-01 | 3.2 | 1000 |
| LCBS-8-3-01 | LCBSM-3-01 | 4.8 | 1000 |
| LCBS-8-4-01 | LCBSM-4-01 | 6.4 | 1000 |
| LCBS-8-5-01 | LCBSM-5-01 | 7.9 | 1000 |
| LCBS-8-6-01 | LCBSM-6-01 | 9.5 | 1000 |
| LCBS-8-7-01 | LCBSM-7-01 | 11.1 | 1000 |
| LCBS-8-8-01 | LCBSM-8-01 | 12.7 | 1000 |
| - | LCBSM-9-01 | 14.3 | 1000 |
| LCBS-8-10-01 | LCBSM-10-01 | 15.9 | 1000 |
| LCBS-8-12-01 | - | 19.1 | 1000 |
| LCBS-8-14-01 | - | 22.2 | 1000 |
| LCBS-8-16-01 | - | 25.4 | 1000 |
| LCBS-8-18-01 | - | 28.6 | 1000 |
| - | - | 31.7 | 1000 |
| - | - | 34.9 | 1000 |

**CBSB/CBSBT/LCBSB/LCBSBM**

# Circuit Board Support on Adhesive Base

**Natural UL94 V2 Nylon6/6,RMS-01**

- Adhesive Backing: RMS-15, double sided adhesive tape with release tab

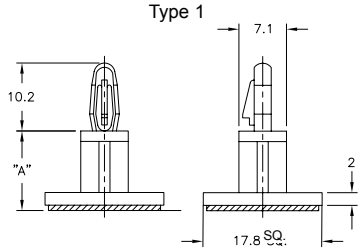


| Part Number | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| LCBSB (Type 1) | CBSB (Type 2) | LCBSBM (Type 3) | CBSBT (Type 4) | | |
| LCBSB-3-01A-RT | CBSB-3-01A-RT | LCBSBM-3-01A-RT | CBSBT-3-01A-RT | 4.8 | 1000 |
| LCBSB-4-01A-RT | CBSB-4-01A-RT | LCBSBM-4-01A-RT | CBSBT-4-01A-RT | 6.4 | 1000 |
| - | - | LCBSBM-5-01A-RT | CBSBT-5-01A-RT | 7.9 | 1000 |
| LCBSB-6-01A-RT | CBSB-6-01A-RT | LCBSBM-6-01A-RT | CBSBT-6-01A-RT | 9.5 | 1000 |
| - | - | LCBSBM-7-01A-RT | CBSBT-7-01A-RT | 11.1 | 1000 |
| LCBSB-8-01A-RT | CBSB-8-01A-RT | - | - | 12.7 | 1000 |
| LCBSB-9-01A-RT | CBSB-9-01A-RT | LCBSBM-9-01A-RT | CBSBT-9-01A-RT | 14.3 | 1000 |
| LCBSB-10-01A-RT | CBSB-10-01A-RT | LCBSBM-10-01A | CBSBT-10-01A-RT | 15.9 | 1000 |
| LCBSB-12-01A-RT | CBSB-12-01A-RT | - | - | 19.1 | 1000 |
| LCBSB-14-01A-RT | CBSB-14-01A-RT | - | - | 22.2 | 1000 |
| LCBSB-16-01A-RT | CBSB-16-01A-RT | - | - | 25.4 | 1000 |
| LCBSB-18-01A-RT | CBSB-18-01A-RT | - | - | 28.6 | 1000 |

**LCBSB**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 1

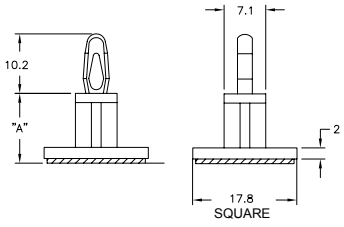



| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| LCBSB (Type 1) | | |
| LCBSB-6M-01A-RT | 6 | 1000 |
| LCBSB-8M-01A-RT | 8 | 1000 |
| LCBSB-10M-01A | 10 | 1000 |
| LCBSB-12M-01A | 12 | 1000 |
| LCBSB-14M-01A | 14 | 1000 |
| LCBSB-16M-01A | 16 | 1000 |

**CBSB**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

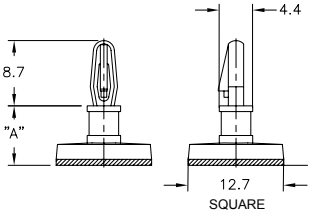
Type 2




**LCBSBM**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

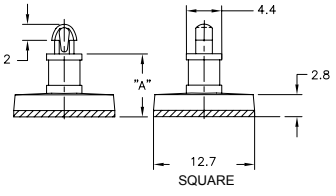
Type 3




**CBSBT**

Top Hole: Snap-lock: 2.54 ± 0.05
Panel Thickness: 1.63 Max.

Type 4




## Wide Range of

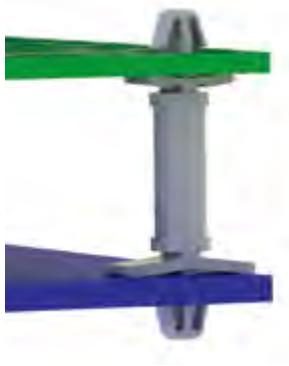
### circuit board hardware available for immediate dispatch



**DLCBS**

# Dual Locking Circuit Board Support

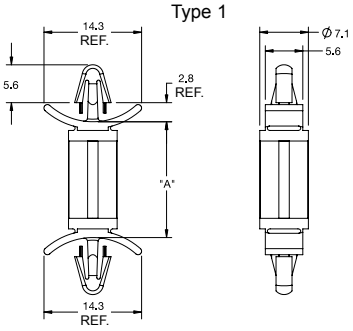
**Natural**



### DLCBS

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 0.79 - 1.98

Type 1

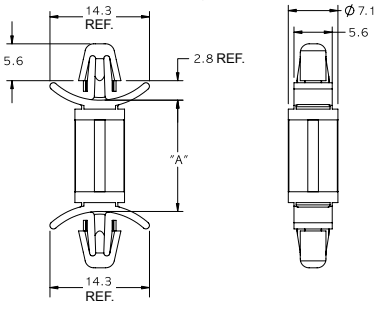



Bottom Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 0.79 - 1.98

### DLCBS2

Top Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

Type 2

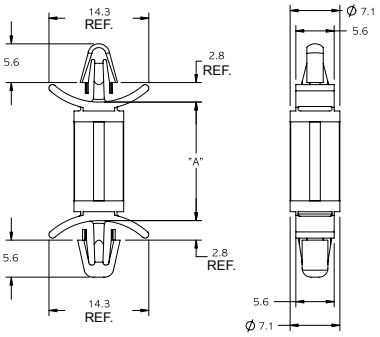



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

### DLCBS3

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 0.79 - 1.98

Type 3

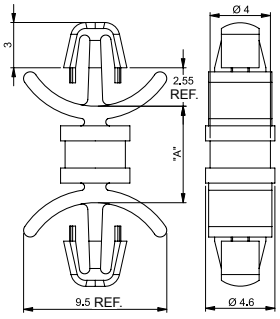



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

### DLCBS5

Top Hole: Snap-lock: 3.5 ± 0.08
Panel Thickness: 0.8-2

Type 4

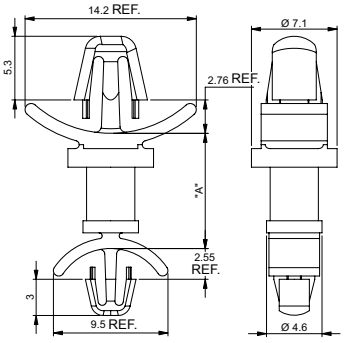



Bottom Hole: Snap-Lock Ø 3.5 ±0.08
Panel Thickness: 0.8-2

### DLCBS6

Top Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.8-2

Type 5



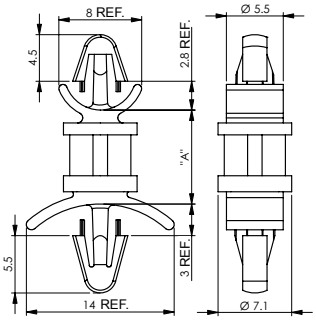

Bottom Hole: Snap-Lock Ø 3.5 ±0.08
Panel Thickness: 0.8-2

| Part Number | | | | | "A" Standoff Height (mm) | Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| DLCBS (Type 1) | DLCBS2 (Type 2) | DLCBS3 (Type 3) | DLCBS5 (Type 4) | DLCBS6 (Type 5) | | | |
| DLCBS-3-01 | DLCBS2-3-01 | DLCBS3-3-01 | DLCBS5-3-01 | DLCBS6-3-01 | 4.8 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-4-01 | DLCBS2-4-01 | DLCBS3-4-01 | DLCBS5-4-01 | DLCBS6-4-01 | 6.4 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| - | - | - | DLCBS5-5-01 | DLCBS6-5-01 | 7.9 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-6-01 | DLCBS2-6-01 | DLCBS3-6-01 | DLCBS5-6-01 | DLCBS6-6-01 | 9.5 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| - | - | - | DLCBS5-7-01 | DLCBS6-7-01 | 11.1 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-8-01 | DLCBS2-8-01 | DLCBS3-8-01 | DLCBS5-8-01 | DLCBS6-8-01 | 12.7 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-9-01 | - | - | DLCBS5-9-01 | DLCBS6-9-01 | 14.3 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-10-01 | DLCBS2-10-01 | DLCBS3-10-01 | DLCBS5-10-01 | DLCBS6-10-01 | 15.9 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-12-01 | DLCBS2-12-01 | DLCBS3-12-01 | - | - | 19.1 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-14-01 | - | DLCBS3-14-01 | - | - | 22.2 | UL94 V-2 Nylon 6/6, RMS-01 | 1000 |
| DLCBS-3-19 | DLCBS2-3-19 | DLCBS3-3-19 | - | - | 4.8 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |
| DLCBS-4-19 | DLCBS2-4-19 | - | - | - | 6.4 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |
| DLCBS-6-19 | - | DLCBS3-6-19 | - | - | 9.5 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |
| DLCBS-8-19 | DLCBS2-8-19 | DLCBS3-8-19 | - | - | 12.7 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |
| DLCBS-9-19 | DLCBS2-9-19 | - | - | - | 14.3 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |
| DLCBS-10-19 | DLCBS2-10-19 | DLCBS3-10-19 | - | - | 15.9 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |
| DLCBS-12-19 | - | DLCBS3-12-19 | - | - | 19.1 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |
| - | DLCBS2-14-19 | DLCBS3-14-19 | - | - | 22.2 | UL94 V-0 Nylon 6/6, RMS-19 | 1000 |

DLCBS

## Dual Locking Circuit Board Support *CONTINUED*

**Natural UL94 V2 Nylon6/6,RMS-01**




Type 6

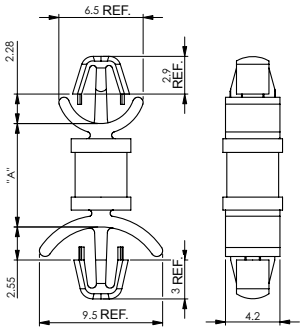
**DLCBS7**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6
Bottom Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6

**DLCBS8**

Top Hole: Snap-Lock Ø3.5 ±0.08
Panel Thickness: 0.8-1.6

Type 7

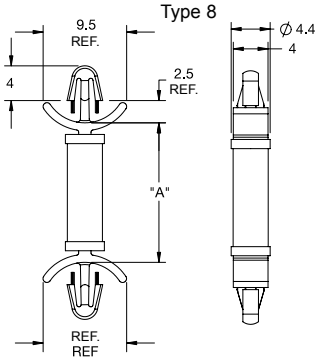



Bottom Hole: Snap-Lock Ø3.5 ±0.08
Panel Thickness: 0.8-2

**DLCBSM**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 0.79 - 1.98

Type 8

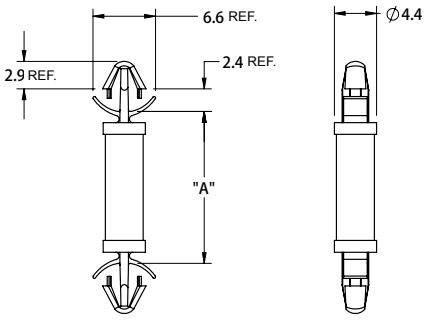



Bottom Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 0.79 - 1.98

**DLCBSM2**

Top Hole: Snap-lock: 3.0-3.2
Panel Thickness: 1.2-2.0

Type 9




Bottom Hole: Snap-lock: 3.0-3.2
Panel Thickness: 1.2-2.0

| Part Number | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| DLCBS7 (Type 6) | DLCBS8 (Type 7) | DLCBSM (Type 8) | DLCBSM2(Type 9) | | |
| DLCBS7-3-01 | DLCBS8-3-01 | DLCBSM-3-01 | DLCBSM2-3-01 | 4.8 | 1000 |
| DLCBS7-4-01 | DLCBS8-4-01 | DLCBSM-4-01 | DLCBSM2-4-01 | 6.4 | 1000 |
| DLCBS7-5-01 | DLCBS8-5-01 | DLCBSM-5-01 | DLCBSM2-5-01 | 7.9 | 1000 |
| DLCBS7-6-01 | DLCBS8-6-01 | DLCBSM-6-01 | DLCBSM2-6-01 | 9.5 | 1000 |
| DLCBS7-7-01 | - | DLCBSM-7-01 | DLCBSM2-7-01 | 11.1 | 1000 |
| DLCBS7-8-01 | DLCBS8-8-01 | DLCBSM-8-01 | DLCBSM2-8-01 | 12.7 | 1000 |
| DLCBS7-9-01 | - | DLCBSM-9-01 | DLCBSM2-9-01 | 14.3 | 1000 |
| DLCBS7-10-01 | DLCBS8-10-01 | DLCBSM-10-01 | - | 15.9 | 1000 |
| DLCBS7-12-01 | - | - | - | 19.1 | 1000 |

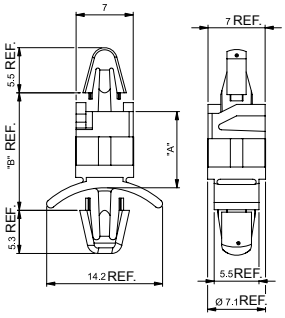
DLCBS4

## Dual Locking Circuit Board Support

**Natural UL94 V2 Nylon6/6,RMS-01**



Top Hole: Snap-Lock Ø 4.0 ±0.08
Panel Thickness: 1.3-2




Bottom Hole: Snap-Lock Ø 4.75 ±0.08
Panel Thickness: 0.8-2

| Part Number | "A" Standoff Height (mm) | "B"(mm) | Std Pack Qty |
|---|---|---|---|
| DLCBS4-3.5-01 | 5.5 | 10.8 | 1000 |
| DLCBS4-4-01 | 6.1 | 11.4 | 1000 |
| DLCBS4-5-01 | 9.1 | 14.4 | 1000 |
| DLCBS4-6-01 | 12.4 | 17.7 | 1000 |
| DLCBS4-8-01 | 18.8 | 24.1 | 1000 |
| DLCBS4-10-01 | 21.9 | 27.2 | 1000 |

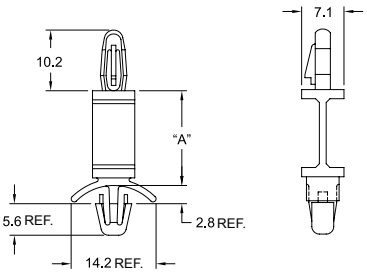
## FLCBS

# Flexible Locking Circuit Board Support

**Natural UL94 V2 Nylon6/6,RMS-01**

| Part Number | "A" (mm) | Std Pack Qty |
|---|---|---|
| FLCBS-6-01 | 9.5 | 1000 |
| FLCBS-8-01 | 12.7 | 1000 |
| FLCBS-10-01 | 15.9 | 1000 |
| FLCBS-12-01 | 19.1 | 1000 |
| FLCBS-14-01 | 22.2 | 1000 |
| FLCBS-16-01 | 25.4 | 1000 |
| FLCBS-18-01 | 28.6 | 1000 |
| FLCBS-20-01 | 31.8 | 1000 |
| FLCBS-22-01 | 34.9 | 1000 |

Top Hole:Snap-lock: Ø 4
Panel Thickness: 1.57




Bottom Hole:Snap-lock: Ø 4.75
Panel Thickness: 1.6

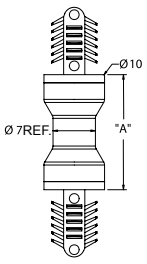


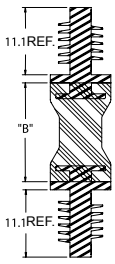
## HSCBS/VD

# Vibration and Shock Dampening

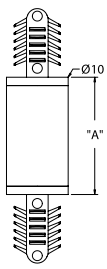
**End Fix:**
**Natural UL94 V0 Nylon 6/6, RMS-169**

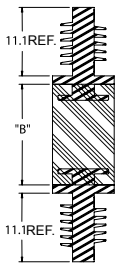
| Part Number | Dimensions | | | | Spacer Material: | Target Load | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" Uncompressed | "B" REF. | Hole Ø(mm) | Panel Thickness(mm) | | | | |
| VD-2 | 18.5 | 16.3 | 6.35 ± 0.08) | 1.8 - 7.9 | Black UL94 HB TPE, 35 Shore A, RMS-167 | 4.4 | 1 | 1000 |
| VD-3 | 24.7 | 22 | 6.35 ± 0.08) | 1.8 - 7.9 | | 4.4 | 1 | 1000 |
| VD-4 | 30.7 | 28 | 6.35 ± 0.08) | 1.8 - 7.9 | | 4.4 | 1 | 1000 |
| VD-5 | 12.4 | 9.7 | 6.35 ± 0.08) | 1.8 - 7.9 | | 7.1 | 2 | 1000 |
| VD-6 | 18.5 | 16.3 | 6.35 ± 0.08) | 1.8 - 7.9 | | 7.1 | 2 | 1000 |
| VD-7 | 24.7 | 22 | 6.35 ± 0.08) | 1.8 - 7.9 | | 7.1 | 2 | 1000 |
| VD-8 | 30.7 | 28 | 6.35 ± 0.08) | 1.8 - 7.9 | | 7.1 | 2 | 1000 |
| HSCBS-1 | 14.9 | 9.7 | 0.79 - 1.98 | 0.79 - 1.98 | Black UL94 HB TPE, 45 Shore A , RMS-168 | 9.8 | 3 | 1000 |
| HSCBS-2 | 21 | 16.3 | 0.79 - 1.98 | 0.79 - 1.98 | | 9.8 | 3 | 1000 |
| HSCBS-3 | 27.1 | 22 | 0.79 - 1.98 | 0.79 - 1.98 | | 9.8 | 3 | 1000 |



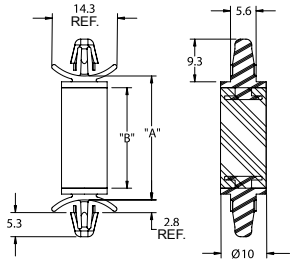




Type 1

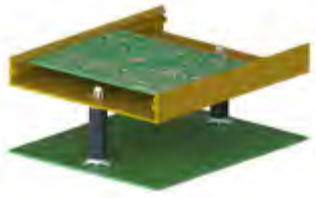



Type 2




Type 3



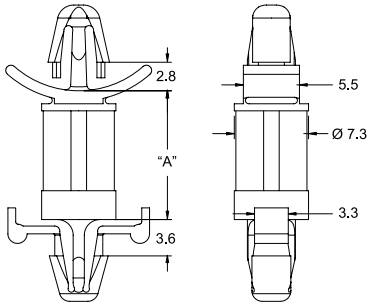
## DLCBSRA

# Dual Locking Circuit Board Support

**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| DLCBSRA3-6-01 | 4.8 | 1000 |
| DLCBSRA3-8-01 | 12.7 | 1000 |
| DLCBSRA3-10-01 | 15.9 | 1000 |
| DLCBSRA3-12-01 | 19.1 | 1000 |
| DLCBSRA3-14-01 | 22.2 | 1000 |

Top Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98




Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

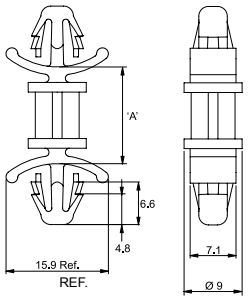


DLCBSHD

## Heavy Duty Circuit Board Support

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | Ø Hole | Panel Thickness | |
| DLCBSHD-10M-01 | 10 | 6.3 | 0.8 - 2.2 | 1000 |
| DLCBSHD-20M-01 | 20 | 6.3 | 0.8 - 2.2 | 1000 |
| DLCBSHD-25M-01 | 25 | 6.3 | 0.8 - 2.2 | 1000 |
| DLCBSHD-35M-01 | 35 | 6.3 | 0.8 - 2.2 | 1000 |

DLSP

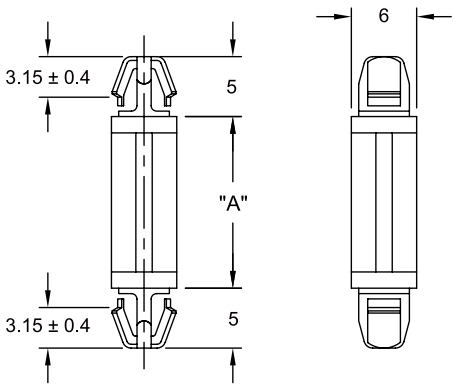
## Dual Locking Support Post

**Natural UL94 V2 Nylon 6/6,RMS-01**



**DLSP-1**

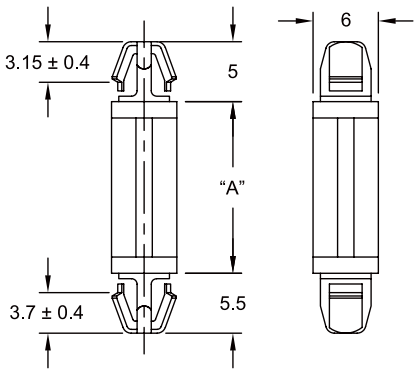
Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6




Bottom Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6

**DLSP-3**

Top Hole: Snap-lock: Ø 4 ± 0.08
Panel Thickness: 1.6




Bottom Hole: Snap-lock: Ø 4.8 ± 0.08
Panel Thickness: 1.6

| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| DLSP-1 | DLSP-3 | | |
| DLSP-1-3M-01 | DLSP-3-3M-01 | 3 | 1000 |
| DLSP-1-4M-01 | DLSP-3-4M-01 | 4 | 1000 |
| DLSP-1-6M-01 | DLSP-3-6M-01 | 6 | 1000 |
| DLSP-1-8M-01 | DLSP-3-8M-01 | 8 | 1000 |
| DLSP-1-10M-01 | DLSP-3-10M-01 | 10 | 1000 |
| DLSP-1-12M-01 | - | 12 | 1000 |
| DLSP-1-14M-01 | DLSP-3-14M-01 | 14 | 1000 |
| DLSP-1-16M-01 | - | 16 | 1000 |
| DLSP-1-18M-01 | - | 18 | 1000 |
| DLSP-1-25M-01 | DLSP-3-25M-01 | 25 | 1000 |
| DLSP-1-30M-01 | - | 30 | 1000 |

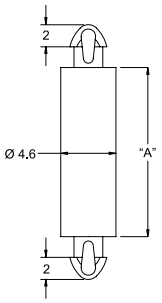
MDLSP1/MDLSP2

## Metric Mini Dual Locking Support Post

**Natural UL94 V2 Nylon 6/6,RMS-01**

Top Hole: Snap-lock: 2.5 ± 0.05
Panel Thickness: 1.65 Max.

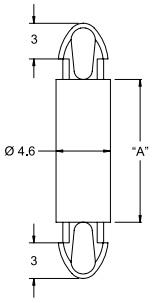
Type 1




Bottom Hole: Snap-lock: 2.5 ± 0.05
Panel Thickness: 1.65 Max.

Top Hole: Snap-lock: 3.5 ± 0.05
Panel Thickness: 1.65 Max.

Type 2




Bottom Hole: Snap-lock: 3.5 ± 0.05
Panel Thickness: 1.65 Max.



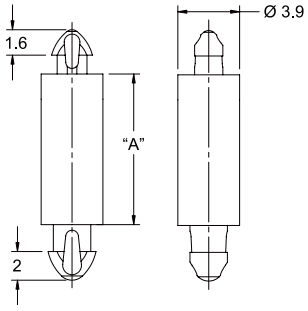
| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| MDLSP1 (Type 1) | MDLSP2 (Type 2) | | |
| MDLSP1-02M-01 | MDLSP2-02M-01 | 2 | 1000 |
| MDLSP1-03M-01 | MDLSP2-03M-01 | 3 | 1000 |
| MDLSP1-04M-01 | MDLSP2-04M-01 | 4 | 1000 |
| MDLSP1-05M-01 | MDLSP2-05M-01 | 5 | 1000 |
| MDLSP1-06M-01 | MDLSP2-06M-01 | 6 | 1000 |
| MDLSP1-07M-01 | MDLSP2-07M-01 | 7 | 1000 |
| MDLSP1-08M-01 | MDLSP2-08M-01 | 8 | 1000 |
| MDLSP1-09M-01 | MDLSP2-09M-01 | 9 | 1000 |
| MDLSP1-10M-01 | MDLSP2-10M-01 | 10 | 1000 |
| MDLSP1-12M-01 | MDLSP2-12M-01 | 12 | 1000 |
| MDLSP1-14M-01 | MDLSP2-14M-01 | 14 | 1000 |
| MDLSP1-16M-01 | MDLSP2-16M-01 | 16 | 1000 |
| MDLSP1-18M-01 | MDLSP2-18M-01 | 18 | 1000 |
| MDLSP1-20M-01 | MDLSP2-20M-01 | 20 | 1000 |
| MDLSP1-22M-01 | MDLSP2-22M-01 | 22 | 1000 |

MDLSP3

## Mini Dual Locking Support Post

**Natural UL94 V2 Nylon 6/6,RMS-01**

Top Hole: Snap-lock: 2 ± 0.05
Panel Thickness: 1.07 Max.




Bottom Hole: Snap-lock: 2.5 ± 0.05
Panel Thickness: 1.65 Max.

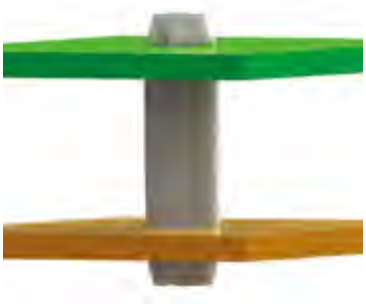


| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| MDLSP3-1-01 | 1.6 | 1000 |
| MDLSP3-2-01 | 3.2 | 1000 |
| MDLSP3-3-01 | 4.8 | 1000 |
| MDLSP3-4-01 | 6.4 | 1000 |
| MDLSP3-5-01 | 7.9 | 1000 |
| MDLSP3-6-01 | 9.5 | 1000 |

MSP/MSPM/DLMSP/DLMSPM/DLCBST

# Mini Support Post

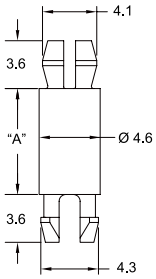
**Natural UL94 V2 Nylon 6/6,RMS-01**



**MSP**

Top Hole: Snap-lock: 3.9 ± 0.05
Panel Thickness: 1.57

Type 1

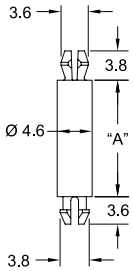



Bottom Hole: Snap-lock: 3.9 ± 0.05
Panel Thickness: 1.57

**MSPM**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

Type 2

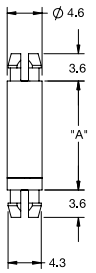



Bottom Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

**DLMSP**

Top Hole: Snap-lock: 3.86 ± 0.05
Panel Thickness: 1.57

Type 3

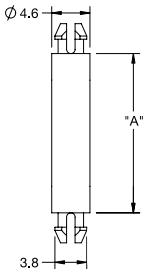



Bottom Hole: Snap-lock: 3.86 ± 0.05
Panel Thickness: 1.57

**DLMSPM**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

Type 4

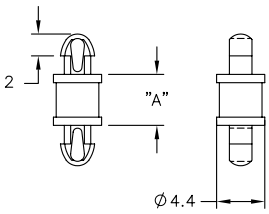



Bottom Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

**DLCBST**

Top Hole: Snap-lock: 2.54 ± 0.05
Panel Thickness: 1.63 Max.

Type 5




Bottom Hole: Snap-lock: 2.54 ± 0.05
Panel Thickness: 1.63 Max.

| Part Number | | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| MSP (Type 1) | MSPM (Type 2) | DLMSP (Type 3) | DLMSPM (Type 4) | DLCBST (Type 5) | | |
| Nylon 6/6, RMS-01 | Nylon 6/6, RMS-01 | Nylon 6/6, RMS-01 | Nylon 6/6, RMS-01 | Nylon 6/6, RMS-01 | | |
| - | - | - | - | DLCBST-1-01 | 1.6 | 1000 |
| MSP-2-01 | MSPM-2-01 | DLMSP-2-01 | DLMSPM-2-01 | DLCBST-2-01 | 3.2 | 1000 |
| MSP-3-01 | MSPM-3-01 | DLMSP-3-01 | DLMSPM-3-01 | DLCBST-3-01 | 4.8 | 1000 |
| MSP-4-01 | MSPM-4-01 | DLMSP-4-01 | DLMSPM-4-01 | DLCBST-4-01 | 6.4 | 1000 |
| MSP-5-01 | MSPM-5-01 | DLMSP-5-01 | DLMSPM-5-01 | DLCBST-5-01 | 7.9 | 1000 |
| MSP-6-01 | MSPM-6-01 | DLMSP-6-01 | DLMSPM-6-01 | DLCBST-6-01 | 9.5 | 1000 |
| MSP-7-01 | MSPM-7-01 | DLMSP-7-01 | DLMSPM-7-01 | DLCBST-7-01 | 11.1 | 1000 |
| MSP-8-01 | MSPM-8-01 | DLMSP-8-01 | DLMSPM-8-01 | DLCBST-8-01 | 12.7 | 1000 |
| MSP-9-01 | MSPM-9-01 | DLMSP-9-01 | DLMSPM-9-01 | DLCBST-9-01 | 14.3 | 1000 |
| MSP-10-01 | MSPM-10-01 | DLMSP-10-01 | DLMSPM-10-01 | DLCBST-10-01 | 15.9 | 1000 |
| MSP-11-01 | - | - | - | - | 17.5 | 1000 |
| MSP-12-01 | MSPM-12-01 | DLMSP-12-01 | DLMSPM-12-01 | - | 19.1 | 1000 |
| MSP-13-01 | MSPM-13-01 | - | DLMSPM-13-01 | - | 20.6 | 1000 |
| MSP-14-01 | MSPM-14-01 | DLMSP-14-01 | DLMSPM-14-01 | - | 22.2 | 1000 |
| MSP-16-01 | MSPM-16-01 | DLMSP-16-01 | DLMSPM-16-01 | - | 25.4 | 1000 |
| MSP-18-01 | MSPM-18-01 | DLMSP-18-01 | DLMSPM-18-01 | - | 28.6 | 1000 |
| MSP-20-01 | MSPM-20-01 | DLMSP-20-01 | DLMSPM-20-01 | - | 31.8 | 1000 |
| MSP-22-01 | MSPM-22-01 | DLMSP-22-01 | DLMSPM-22-01 | - | 34.9 | 1000 |
| MSP-24-01 | MSPM-24-01 | DLMSP-24-01 | DLMSPM-24-01 | - | 38.1 | 1000 |

SP/MSPE

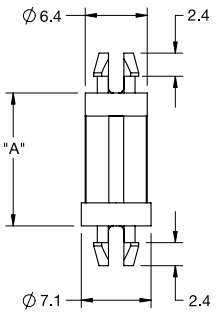
# Support Post

**Natural UL94 V2 Nylon 6/6,RMS-01**

**SP1**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 1



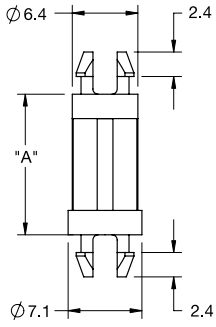

Bottom Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57



**SP2**

Top Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.57

Type 2

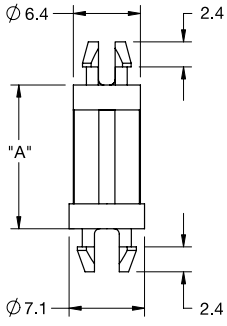



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.57

**SP3**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 3

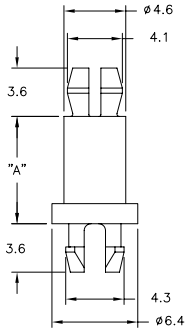



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.57

**MSPE**

Top Hole: Snap-lock: 3.9 ± 0.05
Panel Thickness: 1.57

Type 4



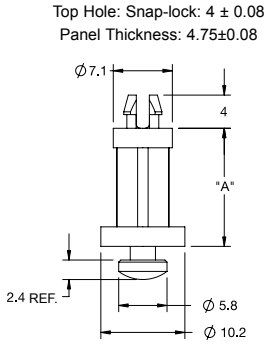

Bottom Hole: Snap-lock: 3.9 ± 0.05
Panel Thickness: 1.57

| Part Number | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| SP1 (Type 1) | SP2 (Type 2) | SP3 (Type 3) | MSPE (Type 4) | | |
| Nylon 6/6, RMS-01 | Nylon 6/6, RMS-01 | Nylon 6/6, RMS-01 | Nylon 6/6, RMS-01 | | |
| - | - | - | MSPE-2-01 | 3.2 | 1000 |
| SP1-3-01 | SP2-3-01 | SP3-3-01 | MSPE-3-01 | 4.8 | 1000 |
| SP1-4-01 | SP2-4-01 | SP3-4-01 | MSPE-4-01 | 6.4 | 1000 |
| - | - | - | MSPE-5-01 | 7.9 | 1000 |
| SP1-6-01 | SP2-6-01 | SP3-6-01 | MSPE-6-01 | 9.5 | 1000 |
| - | - | - | MSPE-7-01 | 11.1 | 1000 |
| SP1-8-01 | - | SP3-8-01 | MSPE-8-01 | 12.7 | 1000 |
| SP1-10-01 | SP2-10-01 | SP3-10-01 | MSPE-10-01 | 15.9 | 1000 |
| - | - | - | MSPE-11-01 | 17.5 | 1000 |
| SP1-12-01 | SP2-12-01 | SP3-12-01 | MSPE-12-01 | 19.1 | 1000 |
| SP1-14-01 | SP2-14-01 | SP3-14-01 | MSPE-14-01 | 22.2 | 1000 |
| SP1-16-01 | - | - | MSPE-16-01 | 25.4 | 1000 |

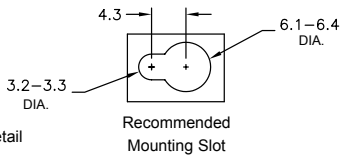
**KSLSP**

## Key Slot Locking Support Post

**Natural UL94 V2 Nylon 6/6,RMS-01**





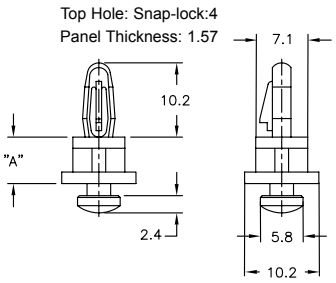




| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| KSLSP1 | KSLSP2 | | |
| KSLSP1-3-01 | KSLSP2-3-01 | 4.8 | 1000 |
| KSLSP1-4-01 | KSLSP2-4-01 | 6.4 | 1000 |
| KSLSP1-6-01 | KSLSP2-6-01 | 9.5 | 1000 |
| KSLSP1-8-01 | KSLSP2-8-01 | 12.7 | 1000 |

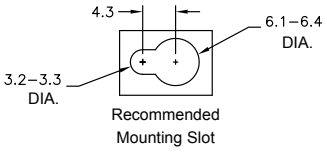
**KSLBN**

## Key Slot with Locking Bayonet Nose

**Natural UL94 V2 Nylon 6/6, RMS-01**





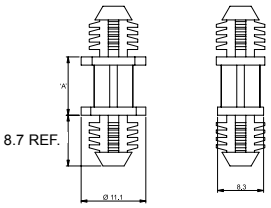

| Part Number | "A" Standoff Height (mm) | Top Panel Thickness (mm) | Top Hole Ø | Std Pack Qty |
|---|---|---|---|---|
| KSLBN-2-01 | 3.2 | 1.57 | 4 | 1000 |
| KSLBN-4-01 | 6.4 | 1.57 | 4 | 1000 |
| KSLBN-6-01 | 9.5 | 1.57 | 4 | 1000 |
| KSLBN-8-01 | 12.7 | 1.57 | 4 | 1000 |
| KSLBN-2-2-01 | 3.2 | 2.4 | 4 | 1000 |
| KSLBN-2-6-01 | 9.5 | 2.4 | 4 | 1000 |

**BHDF**

## Blind Hole Circuit Board Support

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| BHDF-3M-01 | 3 | 1000 |
| BHDF-4M-01 | 4 | 1000 |
| BHDF-6M-01 | 6 | 1000 |
| BHDF-8M-01 | 8 | 1000 |
| BHDF-12M-01 | 12 | 1000 |
| BHDF-14M-01 | 14 | 1000 |
| BHDF-16M-01 | 16 | 1000 |
| BHDF-18M-01 | 18 | 1000 |
| BHDF-20M-01 | 20 | 1000 |

**BHL/BHC/BHDL**

# Blind Hole Mount Circuit Board Supports

**Natural UL94 V2 Nylon 6/6, RMS-01**

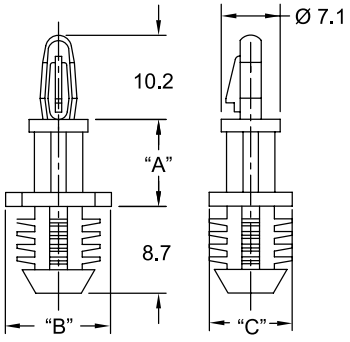


| Part Number | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| BHL (Type 1) | BHC (Type 2) | BHDL (Type 3) | "A" Standoff Height (mm) | "B" | "C" | |
| BHL-3-01 | BHC-3-01 | - | 4.8 | 11.1 | 7.9 | 1000 |
| BHL-4-01 | BHC-4-01 | BHDL-4-01 | 6.4 | 11.1 | 7.9 | 1000 |
| BHL-6-01 | BHC-6-01 | BHDL-6-01 | 9.5 | 11.1 | 7.9 | 1000 |
| BHL-7-01 | - | - | 11.1 | 11.1 | 7.9 | 1000 |
| BHL-8-01 | BHC-8-01 | BHDL-8-01 | 12.7 | 11.1 | 7.9 | 1000 |
| BHL-10-01 | - | BHDL-10-01 | 15.9 | 11.1 | 7.9 | 1000 |
| BHL-12-01 | BHC-12-01 | - | 19.1 | 11.1 | 7.9 | 1000 |
| BHL-14-01 | BHC-14-01 | - | 22.2 | 11.1 | 7.9 | 1000 |

**BHL**

Top Hole: Snap-lock: 4
Panel Thickness: 1.57

Type 1

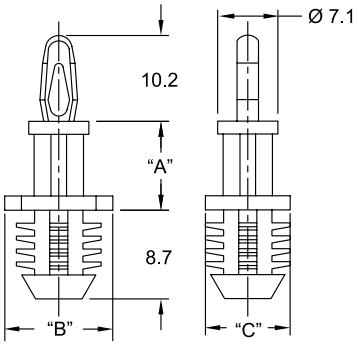



Bottom Hole: Press-fit: 7.92
Panel Thickness: 6.4Min.

**BHC**

Top Hole: Snap-lock: 4
Panel Thickness: 1.57

Type 2

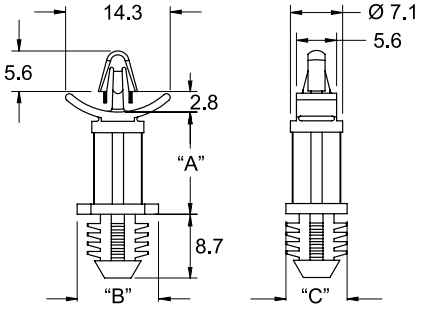



Bottom Hole: Press-fit: 7.92
Panel Thickness: 6.4Min.

**BHC**

Top Hole: Snap-lock: 4
Panel Thickness: 0.79-1.98

Type 3




Bottom Hole: Press-fit: 7.92
Panel Thickness: 6.4Min.

**TCS**

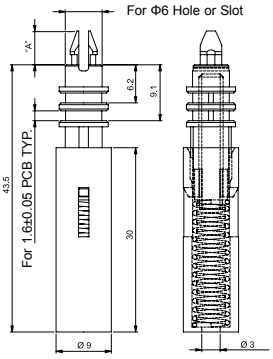
# Touch Control Spacer

**Natural**

- Spring provides continuous force to light sensors mounted onto a PCB so that they are in constant contact with the cover
- Travel: 3mm

| Part Number | "A" (mm) | Spacer Material | Spring Material | Std Pack Qty |
|---|---|---|---|---|
| TCS-1 | 5.4 | Nylon 6/6, RMS-01 | Stainless Steel, RMS-230 | 500 |
| TCS-3 | 4.2 | Nylon 6/6, RMS-01 | Stainless Steel, RMS-230 | 500 |
| TCS4 | 4.2 | Nylon 6/6, RMS-19 | Stainless Steel, RMS-230 | 500 |

Top Hole: Snap-lock: 4.2 ± 0.05
Panel Thickness: 1.6 ± 0.05



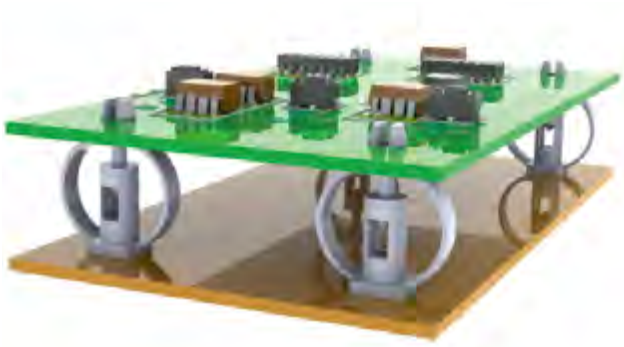

Bottom Hole: To locate over a vertical tab



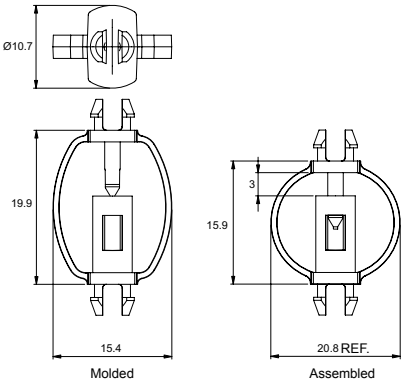
**CBSP**

## Sprung Spacer

**Natural Acetal, RMS-61**



Top Hole: Snap-lock: Ø4.8±0.08
Panel Thickness: 1.6




Bottom Hole: Snap-lock: Ø 4.8
Panel Thickness: 1.6

| Part Number | Std Pack Qty |
|---|---|
| CBSP-1 | 1000 |

**PSB**

## Push Spacer on Adhesive Base

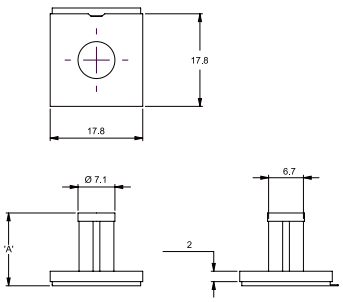
LINE EXTENSION

**Natural UL94 V2 Nylon 6/6, RMS-01**

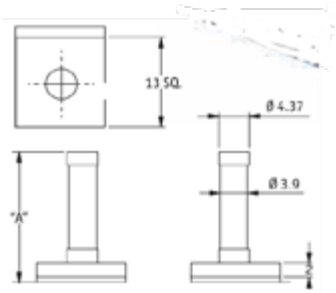
- Adhesive: 0.8 thick double-sided adhesive tape, RMS-24



**PSB**




**PSBM**

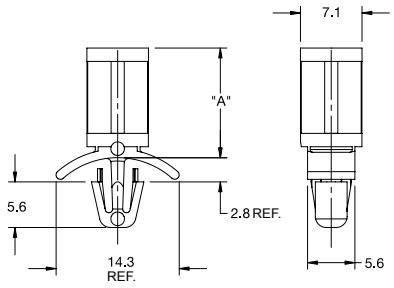



| Part Number | "A" (mm) | Std Pack Qty |
|---|---|---|
| PSB-6M-01A2-RT | 6 | 1000 |
| PSB-8M-01A2-RT | 8 | 1000 |
| PSB-10M-01A2-RT | 10 | 1000 |
| PSB-12M-01A2-RT | 12 | 1000 |
| PSB-14M-01A2-RT | 14 | 1000 |
| PSB-16M-01A2-RT | 16 | 1000 |

| Part Number | "A" (mm) | Std Pack Qty |
|---|---|---|
| PSBM-3-01A-RT | 4.8 | 1000 |
| PSBM-4-01A-RT | 6.4 | 1000 |
| PSBM-5-01A-RT | 7.9 | 1000 |
| PSBM-6-01A-RT | 9.5 | 1000 |
| PSBM-7-01A-RT | 11.1 | 1000 |
| PSBM-8-01A-RT | 12.7 | 1000 |
| PSBM-9-01A-RT | 14.3 | 1000 |
| PSBM-10-01A-RT | 15.9 | 1000 |
| PSBM-12-01A-RT | 19.1 | 1000 |
| PSBM-14-01A-RT | 22.2 | 1000 |

## PS
# Push Spacer
**Natural**

| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| UL94 V2 Nylon 6/6,RMS-01 | UL94 V-0 Nylon 6/6,RMS-19 | | |
| PS-3-01 | PS-3-19 | 4.8 | 1000 |
| PS-4-01 | PS-4-19 | 6.4 | 1000 |
| PS-6-01 | PS-6-19 | 9.5 | 1000 |
| PS-7-01 | PS-7-19 | 11.1 | 1000 |
| PS-8-01 | PS-8-19 | 12.7 | 1000 |
| PS-10-01 | PS-10-19 | 15.9 | 1000 |
| PS-12-01 | - | 19.1 | 1000 |
| PS-14-01 | PS-14-19 | 22.2 | 1000 |

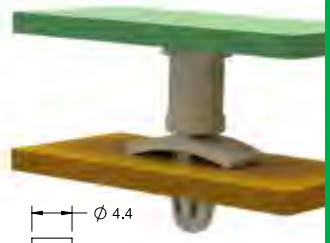




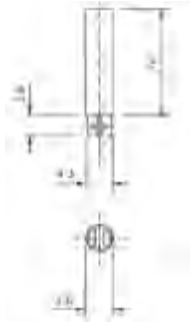

Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

## PSM
# Mini Push Spacer
**Natural UL94 V2 Nylon 6/6, RMS-01**

LINE EXTENSION

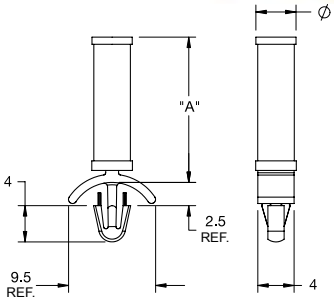


| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| PSM-2-01 | - | 3.2 | 1000 |
| PSM-3-01 | MPS-3-01 | 4.8 | 1000 |
| PSM-4-01 | MPS-4-01 | 6.4 | 1000 |
| PSM-5-01 | MPS-5-01 | 7.9 | 1000 |
| PSM-6-01 | MPS-6-01 | 9.5 | 1000 |
| PSM-7-01 | - | 11.1 | 1000 |
| PSM-8-01 | MPS-8-01 | 12.7 | 1000 |
| PSM-9-01 | - | 14.3 | 1000 |
| PSM-10-01 | - | 15.9 | 1000 |



Bottom Hole: Snap-lock: 3.9mm
Panel Thickness: 1.6mm

MPS

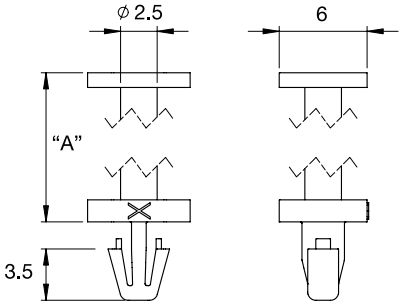



Bottom Hole: Snap-lock: 3.18
Panel Thickness: 0.79 -1.98

PSM

## PSD
# Metric Push Spacer
**Natural**

| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| UL94 V-2 Nylon 6/6, RMS-01 | UL94 V-0 Nylon 6/6, RMS-19 | | |
| PSD-4M-01 | - | 4 | 1000 |
| PSD-6M-01 | PSD-6M-19 | 6 | 1000 |
| PSD-7M-01 | PSD-7M-19 | 7 | 1000 |
| PSD-8M-01 | PSD-8M-19 | 8 | 1000 |
| PSD-10M-01 | PSD-10M-19 | 10 | 1000 |
| PSD-12M-01 | - | 12 | 1000 |
| PSD-14M-01 | PSD-14M-19 | 14 | 1000 |
| PSD-18M-01 | PSD-18M-19 | 18 | 1000 |




Bottom Hole: Snap-lock: Ø 3 - 3.1
Panel Thickness: 1.6

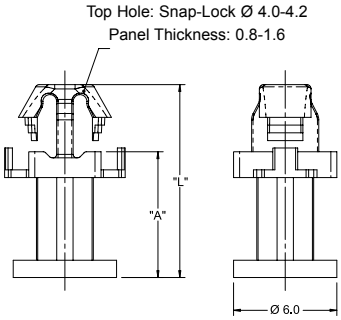


**PSE**

## Push Spacer

**Natural**






| Part Number | | "A" | "L" | Std Pack Qty |
|---|---|---|---|---|
| UL94 V-2 Nylon 6/6, RMS-01 | UL94 V-0 Nylon 6/6, RMS-19 | | | |
| PSE-3M-01 | PSE-3M-19 | 3.0 | 6.9 | 1000 |
| PSE-4M-01 | PSE-4M-19 | 4.0 | 7.9 | 1000 |
| PSE-5M-01 | PSE-5M-19 | 5.0 | 8.9 | 1000 |
| - | PSE-6M-19 | 6.0 | 9.9 | 1000 |
| PSE-7M-01 | PSE-7M-19 | 7.0 | 10.9 | 1000 |
| PSE-7.3M-01 | PSE-7.3M-19 | 7.3 | 11.2 | 1000 |
| PSE-8M-01 | PSE-8M-19 | 8.0 | 11.9 | 1000 |
| PSE-9M-01 | PSE-9M-19 | 9.0 | 12.9 | 1000 |
| PSE-10M-01 | PSE-10M-19 | 10.0 | 13.9 | 1000 |
| PSE-11M-01 | PSE-11M-19 | 11.0 | 14.9 | 1000 |
| PSE-12M-01 | PSE-12M-19 | 12.0 | 15.9 | 1000 |

**PST/CPST**

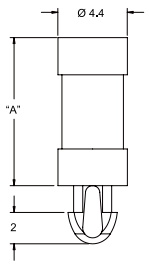
## Push Spacer Teardrop

**Natural**

LINE EXTENSION



**PST**

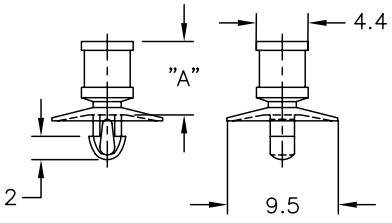



Type 1

Bottom Hole: Snap-lock: 2.54 ± 0.05

Panel Thickness: 1.63 Max.

**CPST**




Type 2

Bottom Hole: Snap-lock: 2.54 ± 0.05

Panel Thickness: 1.57 Max.

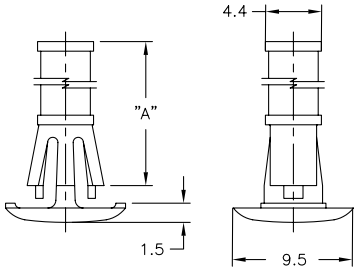
| Part Number | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | UL94 V2 Nylon 6/6, RMS-01 | | |
| PST-1-01 | PST-1-19 | - | 1.6 | 1000 |
| PST-2A-01 | PST-2-19 | CPST-2-01 | 3.2 | 1000 |
| PST-3-01 | PST-3-19 | CPST-3-01 | 4.8 | 1000 |
| PST-4-01 | PST-4-19 | CPST-4-01 | 6.4 | 1000 |
| PST-5-01 | PST-5-19 | CPST-5-01 | 7.9 | 1000 |
| PST-6-01 | PST-6-19 | CPST-6-01 | 9.5 | 1000 |
| PST-7-01 | PST-7-19 | CPST-7-01 | 11.1 | 1000 |
| PST-8-01 | PST-8-19 | - | 12.7 | 1000 |
| PST-9-01 | PST-9-19 | CPST-9-01 | 14.3 | 1000 |
| PST-10-01 | PST-10-19 | CPST-10-01 | 15.9 | 1000 |

**RLCBSRS**

## Reverse Locking Circuit Board Support Round Hole Spacer

**Natural UL94 V2 Nylon 6/6,RMS-01**

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| RLCBSRS-4-01 | 6.4 | 1000 |
| RLCBSRS-5-01 | 7.9 | 1000 |
| RLCBSRS-6-01 | 9.5 | 1000 |
| RLCBSRS-7-01 | 11.1 | 1000 |
| RLCBSRS-8-01 | 12.7 | 1000 |
| RLCBSRS-10-01 | 15.9 | 1000 |





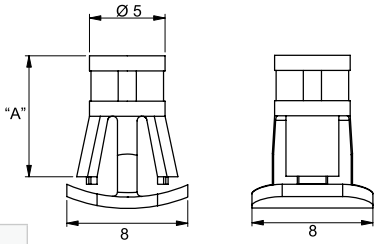

Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.5 - 1.6

**RLCBSB**

## Metric Reverse Lock Circuit Board Support Push Spacer

**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| RLCBSB-5-01 | 5 | 1000 |
| RLCBSB-6-01 | 6 | 1000 |
| RLCBSB-8-01 | 8 | 1000 |
| RLCBSB-10-01 | 10 | 1000 |
| RLCBSB-12-01 | 12 | 1000 |
| RLCBSB-14-01 | 14 | 1000 |






Bottom Hole: Snap-lock: 5.5
Panel Thickness: 0.5 - 1

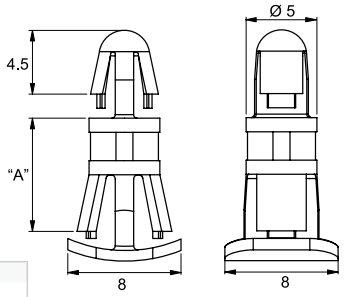
**RLCBSA**

## Metric Reverse Lock Circuit Board Support

**Natural UL94 V2 Nylon 6/6, RMS-01**

Top Hole: Snap-lock: 4
Panel Thickness: 1.6

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| RLCBSA-5-01 | 5 | 1000 |
| RLCBSA-6-01 | 6 | 1000 |
| RLCBSA-8-01 | 8 | 1000 |
| RLCBSA-10-01 | 10 | 1000 |
| RLCBSA-12-01 | 12 | 1000 |
| RLCBSA-14-01 | 14 | 1000 |






Bottom Hole: Snap-lock: 5.5
Panel Thickness: 0.5 - 1

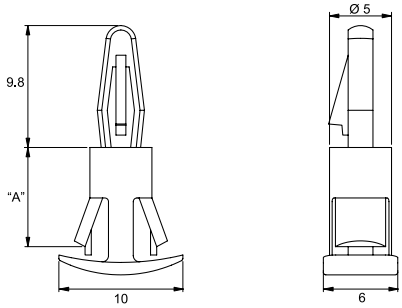
# Reverse Locking Spacers

## RLCBSC
## Metric Reverse Lock Circuit Board Support
**Natural UL94 V2 Nylon 6/6, RMS-01**



| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| RLCBSC-5-01 | 5 | 1000 |
| RLCBSC-6-01 | 6 | 1000 |
| RLCBSC-8-01 | 8 | 1000 |
| RLCBSC-10-01 | 10 | 1000 |
| RLCBSC-12-01 | 12 | 1000 |
| RLCBSC-14-01 | 14 | 1000 |

Top Hole: Snap-lock: 3.2
Panel Thickness: 1.6



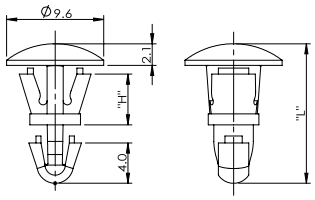

Bottom Hole: Snap-lock: 5.4
Panel Thickness: 0.8

## RLCBSA2
## Metric Reverse Lock Circuit Board Support
**Natural UL94 V2 Nylon 6/6, RMS-01**



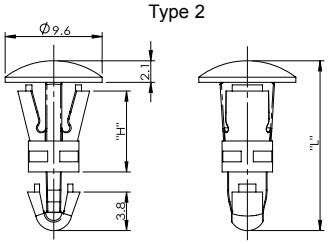
| Part Number | "H"(mm) | "L"(mm) | Type | Std Pack Qty |
|---|---|---|---|---|
| RLCBSA2-5-19 | 5.0 | 13.8 | 1 | 1000 |
| RLCBSA2-6-19 | 6.0 | 14.7 | 1 | 1000 |
| RLCBSA2-7-19 | 7.0 | 15.8 | 1 | 1000 |
| RLCBSA2-8-19 | 8.0 | 16.8 | 2 | 1000 |
| RLCBSA2-10-19 | 10.0 | 18.8 | 2 | 1000 |
| RLCBSA2-12-19 | 12.0 | 20.8 | 2 | 1000 |
| RLCBSA2-14-19 | 14.0 | 22.8 | 2 | 1000 |
| RLCBSA2-16-19 | 16.0 | 24.8 | 2 | 1000 |

Type 1




Top Hole: Snap-lock: Ø5.5 - 5.7mm
Panel Thickness: 0.8 - 1.6mm

Type 2




Bottom Hole: Snap-lock: Ø4.0 - 4.1mm
Panel Thickness: 1.6mm

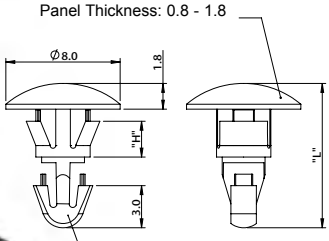
## RLCBSA3
## Reverse Locking Circuit Support Push Spacer
**Natural UL94 V0 Nylon 6/6, RMS-19**



| Part Number | "H" (mm) | "L" REF. | Type | Std Pack Qty |
|---|---|---|---|---|
| RLCBSA3-2.5-19 | 2.5 | 10.1 | 1 | 1000 |
| RLCBSA3-3-19 | 3.2 | 10.8 | 1 | 1000 |
| RLCBSA3-4-19 | 4.0 | 11.6 | 2 | 1000 |
| RLCBSA3-5-19 | 5.0 | 12.6 | 2 | 1000 |
| RLCBSA3-6-19 | 6.0 | 13.6 | 2 | 1000 |
| RLCBSA3-7-19 | 7.0 | 14.6 | 2 | 1000 |
| RLCBSA3-8-19 | 8.0 | 15.6 | 2 | 1000 |
| RLCBSA3-9-19 | 9.0 | 16.6 | 2 | 1000 |
| RLCBSA3-10-19 | 10.0 | 17.6 | 2 | 1000 |
| RLCBSA3-12-19 | 12.0 | 19.6 | 2 | 1000 |
| RLCBSA3-14-19 | 14.0 | 21.6 | 2 | 1000 |
| RLCBSA3-16-19 | 16.0 | 23.6 | 2 | 1000 |

Type 1

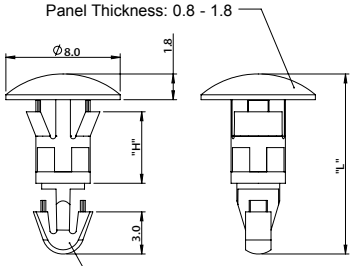
Top Hole: Snap-lock: 4.0 ~ 4.2
Panel Thickness: 0.8 - 1.8




Bottom Hole: Snap-lock: 3.0 - 3.2
Panel Thickness: 1.6 ± 0.08

Type 2

Top Hole: Snap-lock: 4.0 ~ 4.2
Panel Thickness: 0.8 - 1.8

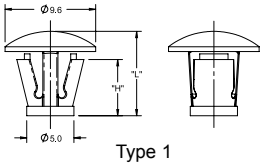



Bottom Hole: Snap-lock: 3.0 - 3.2
Panel Thickness: 1.6 ± 0.08

RLCBSB2

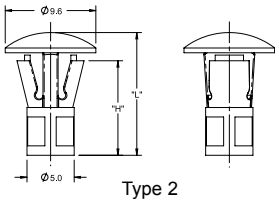
## Metric Reverse Lock Circuit Board Support

**Natural UL94 V0 Nylon 6/6, RMS-19**




Type 1

Top Hole: Snap-lock: Ø5.5 - 5.7mm
Panel Thickness: 0.8 - 1.6mm




Type 2

Bottom Hole: Snap-lock: Ø5.5 - 5.7mm
Panel Thickness: 0.8 - 1.6mm



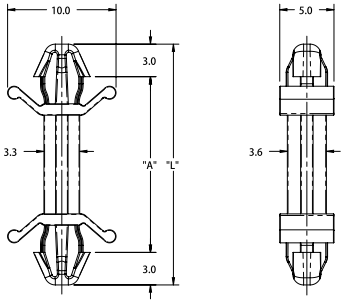
| Part Number | "H"(mm) | "L" REF. | Type | Std Pack Qty |
|---|---|---|---|---|
| RLCBSB2-5-19 | 5.0 | 8.0 | 1 | 1000 |
| RLCBSB2-6-19 | 6.0 | 9.0 | 1 | 1000 |
| RLCBSB2-7-19 | 7.0 | 10.0 | 1 | 1000 |
| RLCBSB2-8-19 | 8.0 | 11.0 | 2 | 1000 |
| RLCBSB2-9-19 | 9.0 | 12.0 | 2 | 1000 |
| RLCBSB2-10-19 | 10.0 | 13.0 | 2 | 1000 |
| RLCBSB2-12-19 | 12.0 | 15.0 | 2 | 1000 |
| RLCBSB2-14-19 | 14.0 | 17.0 | 2 | 1000 |
| RLCBSB2-16-19 | 16.0 | 19.0 | 2 | 1000 |

DLCBSTA

## Dual Locking Circuit Board Support

**Natural UL94 V0 Nylon 6/6, RMS-19**

Top Hole: Snap-lock: Ø4.0mm
Panel Thickness:1.6mm




Bottom Hole: Snap-lock: Ø4.0mm
Panel Thickness:1.6mm



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | "L" | "H" | |
| DLCBSTA-1-19 | 9.2 | 4.2 | 15.2 | 6.0 | 1000 |
| DLCBSTA-2-19 | 16.2 | 11.2 | 22.2 | 13.0 | 1000 |
| DLCBSTA-3-19 | 11.2 | 6.2 | 17.2 | 8.0 | 1000 |
| DLCBSTA-4-19 | 13.2 | 8.2 | 19.2 | 10.0 | 1000 |
| DLCBSTA-5-19 | 15.2 | 10.2 | 21.2 | 12.0 | 1000 |
| DLCBSTA-6-19 | 17.2 | 12.2 | 23.2 | 14.0 | 1000 |
| DLCBSTA-7-19 | 19.2 | 14.2 | 25.2 | 16.0 | 1000 |
| DLCBSTA-8-19 | 20.0 | 15.0 | 26.0 | 16.8 | 1000 |
| DLCBSTA-9-19 | 21.2 | 16.2 | 27.2 | 18.0 | 1000 |
| DLCBSTA-10-19 | 23.2 | 18.2 | 29.2 | 20.0 | 1000 |

CRLCBSR/CRLCBSRE

## Cupped Reverse Locking Circuit Board Support

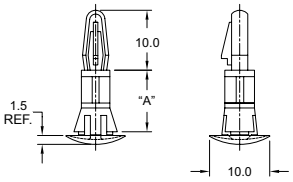
**Natural UL94 V2 Nylon 6/6, RMS-01**

LINE EXTENSION

**CRLCBSR**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6

Type 1

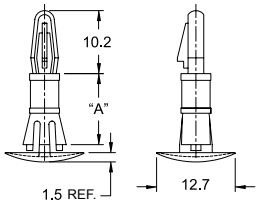



Bottom Hole: Snap-lock: 6 ± 0.08
Panel Thickness: 0.8 - 1.2

**CRLCBSRE**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6

Type 2




Bottom Hole: Snap-lock: 5.4 ± 0.08
Panel Thickness: 1.2 - 2



| CRLCBSR (Type 1) | CRLCBSRE (Type 2) | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| CRLCBSR-3-01 | - | 4.8 | 1000 |
| CRLCBSR-4-01 | CRLCBSRE-4-01 | 6.4 | 1000 |
| CRLCBSR-5-01 | - | 7.9 | 1000 |
| CRLCBSR-6-01 | CRLCBSRE-6-01 | 9.5 | 1000 |
| CRLCBSR-8-01 | CRLCBSRE-8-01 | 12.7 | 1000 |
| - | CRLCBSRE-10-01 | 15.9 | 1000 |
| CRLCBSR-12-01 | - | 19.1 | 1000 |

RLCBSR/RLCBSRE/RLCBSPR/RCBSR

# Reverse Mounted Circuit Board Support Round Hole

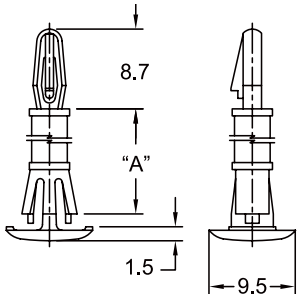
**Natural UL94 V2 Nylon, RMS-01**



**RLCBSR**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.6

Type 1

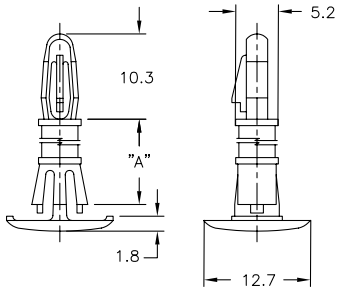



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.5 - 1.6

**RLCBSRE**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6

Type 2

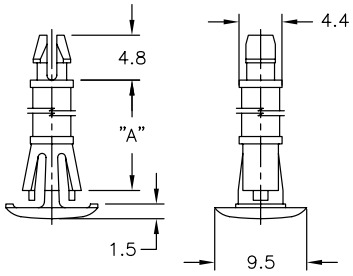



Bottom Hole: Snap-lock: 5.41 ± 0.08
Panel Thickness: 1.5 - 1.65

**RLCBSRR**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.6

Type 3

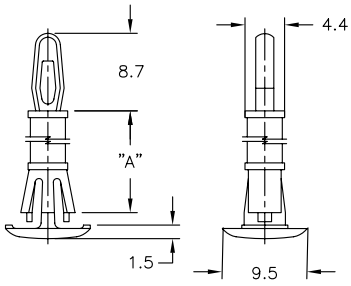



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.5 - 1.6

**RCBSR**

Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.6

Type 4

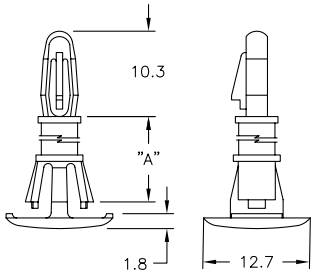



Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.5 - 1.6

**RLCBSR1**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6

Type 5




Bottom Hole: Snap-lock: 6.35 ± 0.08
Panel Thickness: 1.5 - 1.65

| Part Number | | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| RLCBSR (Type 1) | RLCBSRE (Type 2) | RLCBSPR (Type 3) | RCBSR (Type 4) | RLCBSR1 (Type 5) | | |
| RLCBSR-4-01 | RLCBSRE-4-01 | RLCBSPR-4-01 | RCBSR-4-01 | RLCBSR1-4-01 | 6.4 | 1000 |
| RLCBSR-5-01 | - | RLCBSPR-5-01 | - | - | 7.9 | 1000 |
| RLCBSR-6-01 | RLCBSRE-6-01 | RLCBSPR-6-01 | RCBSR-6-01 | RLCBSR1-6-01 | 9.5 | 1000 |
| RLCBSR-7-01 | - | RLCBSPR-7-01 | RCBSR-7-01 | - | 11.1 | 1000 |
| RLCBSR-8-01 | RLCBSRE-8-01 | RLCBSPR-8-01 | RCBSR-8-01 | RLCBSR1-8-01 | 12.7 | 1000 |
| RLCBSR-9-01 | - | RLCBSPR-9-01 | RCBSR-9-01 | - | 14.3 | 1000 |
| RLCBSR-10-01 | RLCBSRE-10-01 | RLCBSPR-10-01 | RCBSR-10-01 | - | 15.9 | 1000 |

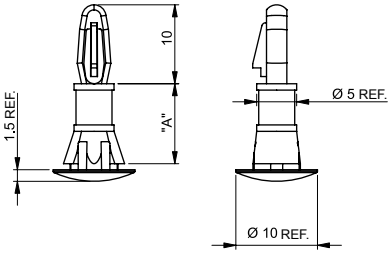
## CRLCBSM1

# Metric Reverse Locking Circuit Board Support

**Natural UL94 V0 Nylon 6/6, RMS-19**

| Part Number | "A" Standoff Height (mm) | Panel Thickness | Std Pack Qty |
|---|---|---|---|
| CRLCBSM1-5-19 | 5 | 1.6 - 2.0 | 1000 |
| CRLCBSM1-6-19 | 6 | 1.6 - 2.0 | 1000 |
| CRLCBSM1-7-19 | 7 | 1.6 - 2.0 | 1000 |
| CRLCBSM1-8-19 | 8 | 1.6 - 2.0 | 1000 |
| CRLCBSM1-9-19 | 9 | 1.6 - 2.0 | 1000 |
| CRLCBSM1-10-19 | 10 | 1.6 - 2.0 | 1000 |
| CRLCBSM1-12-19 | 12 | 1.6 - 2.0 | 1000 |

Top Hole: Snap-lock: Φ4 ± 0.08
Panel Thickness: 1.6




Bottom Hole: Snap-lock: Φ6.5 ± 0.08
Panel Thickness: see table

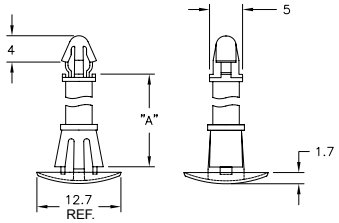


## RLCBSK/CRLCBSK

# Cupped Reverse Locking Circuit Board Support

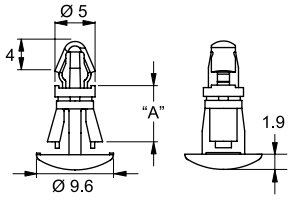
**Natural Nylon 6/6, RMS-01**

**CRLCBSK-2**
Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6
Type 1



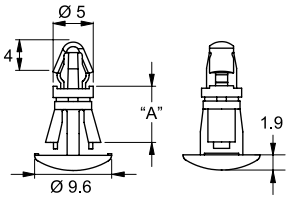

Bottom Hole: Snap-lock: 5.4 ± 0.08
Panel Thickness: 1-1.6

**RLCBSK**
Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6
Type 2




Bottom Hole: Snap-lock: 5.4 ± 0.08
Panel Thickness: 1.6

**RLCBSK-2**
Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.6
Type 3




Bottom Hole: Snap-lock: 5.4 ± 0.08
Panel Thickness: 2



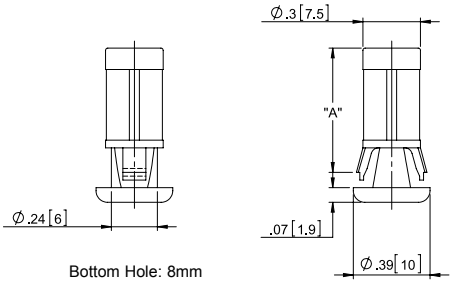
| Part Number | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| CRLCBSK-2 (Type 1) | RLCBSK (Type 2) | | RLCBSK-2 (Type 3) | | |
| - | RLCBSK-6-01 | RLCBSK-6-19 | RLCBSK-2-6-19 | 6 | 1000 |
| - | RLCBSK-7-01 | - | - | 7 | 1000 |
| CRLCBSK-2-8-01 | RLCBSK-8-01 | RLCBSK-8-19 | RLCBSK-2-8-19 | 8 | 1000 |
| CRLCBSK-2-10-01 | RLCBSK-10-01 | RLCBSK-10-19 | RLCBSK-2-10-19 | 10 | 1000 |
| CRLCBSK-2-12-01 | RLCBSK-12-01 | RLCBSK-12-19 | RLCBSK-2-12-19 | 12 | 1000 |
| CRLCBSK-2-14-01 | RLCBSK-14-01 | RLCBSK-14-19 | RLCBSK-2-14-19 | 14 | 1000 |
| - | RLCBSK-16-01 | - | RLCBSK-2-16-19 | 16 | 1000 |

## RLCBSRS2

# Reverse Locking Circuit Board Support Spacer

**Natural UL94 V2 Nylon 6/6, RMS-01**

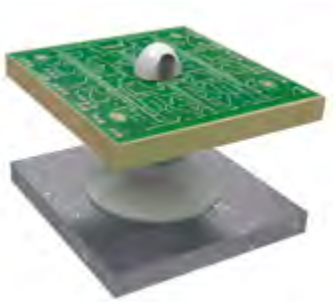
| Part Number | "A" (mm) | Std Pack Qty |
|---|---|---|
| RLCBSRS2-1-01 | 16.2 | 1000 |

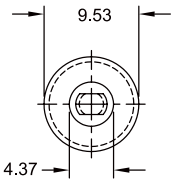



Bottom Hole: 8mm
Panel Thickness: 1.6mm

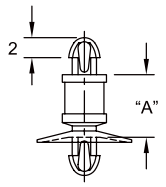


## CHDLCBST
# Cupped Dual Locking Circuit Board Support
**Natural UL94 V2 Nylon 6/6, RMS-01**






Top Hole: Snap-lock: Φ2.54 ± 0.05
Panel Thickness: 1.63



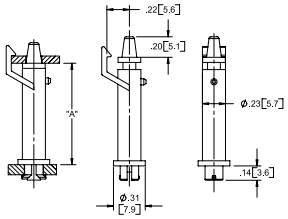

Bottom Hole: Snap-lock: Φ2.54 ± 0.05
Panel Thickness: 1.57

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| CHDLCBST-2-01 | 3.18 | 1000 |
| CHDLCBST-3-01 | 4.76 | 1000 |
| CHDLCBST-4-01 | 6.35 | 1000 |
| CHDLCBST-7-01 | 11.11 | 1000 |
| CHDLCBST-8-01 | 12.7 | 1000 |

## REHCBS
# Cupped Dual Locking Circuit Board Support
**Natural UL94 V2 Nylon 6/6, RMS-01**



Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.78 Max.



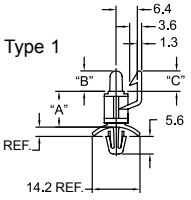

Bottom Hole: Snap-lock: 4.75 ± 0.08
Panel Thickness: 1.2 - 2.67

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| REHCBS-4-01 | 6.4 | 1000 |
| REHCBS-8-01 | 12.7 | 1000 |

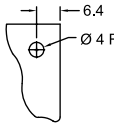
## EHCBS
# Edge Holding Circuit Board Support
**Natural UL94 V2 Nylon 6/6, RMS-01**



Top Hole: Snap-lock: Φ4 ± 0.08
Panel Thickness: 1.57




Top Board Hole Location




Bottom Hole: Snap-lock: Φ4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

| Part Number | | | "A" (mm) | Std Pack Qty |
|---|---|---|---|---|
| Type 1 | | | | |
| "B" = 15.2 "C" = 7.5 | "B" = 6.1 "C" = 6.1 | "B" = 6.1 "C" = 7.5 | | |
| EHCBS-5-01 | EHCBS-6-5-01 | EHCBS-7-5-01 | 7.9 | 1000 |
| EHCBS-6-01 | EHCBS-6-6-01 | EHCBS-7-6-01 | 9.5 | 1000 |
| EHCBS-8-01 | EHCBS-6-8-01 | EHCBS-7-8-01 | 12.7 | 1000 |
| EHCBS-10-01 | - | - | 15.9 | 1000 |
| EHCBS-12-01 | EHCBS-6-12-01 | EHCBS-7-12-01 | 19.1 | 1000 |
| - | - | - | 22.2 | 1000 |
| EHCBS-16-01 | EHCBS-6-16-01 | EHCBS-7-16-01 | 25.4 | 1000 |

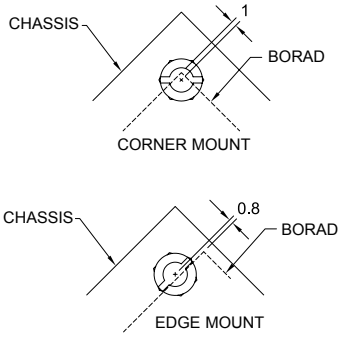
TCEHCBS/MSCEHCBS

# Corner Edge Holding Circuit Board Support

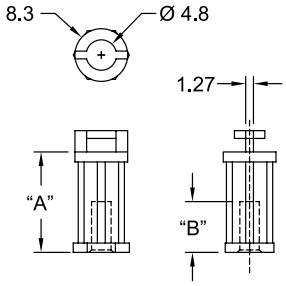
**Natural UL94 V2 Nylon 6/6, RMS-01**



| Part Number | "A" Standoff Height (mm) | "B"(mm) | Type | Std Pack Qty |
|---|---|---|---|---|
| TCEHCBS-4-01 | 6.4 | 5.2 | 1 | 1000 |
| TCEHCBS-6-01 | 9.5 | 7.9 | 1 | 1000 |
| TCEHCBS-8-01 | 12.7 | 7.9 | 1 | 1000 |
| TCEHCBS-10-01 | 15.9 | 7.9 | 1 | 1000 |
| TCEHCBS-12-01 | 19.1 | 7.9 | 1 | 1000 |
| TCEHCBS-14-01 | 22.2 | 7.9 | 1 | 1000 |
| MSCEHCBS-4-01 | 6.4 | 5.2 | 2 | 1000 |
| MSCEHCBS-6-01 | 9.5 | 7.9 | 2 | 1000 |
| MSCEHCBS-8-01 | 12.7 | 7.9 | 2 | 1000 |
| MSCEHCBS-10-01 | 15.9 | 7.9 | 2 | 1000 |
| MSCEHCBS-12-01 | 19.1 | 7.9 | 2 | 1000 |
| MSCEHCBS-14-01 | 22.2 | 7.9 | 2 | 1000 |

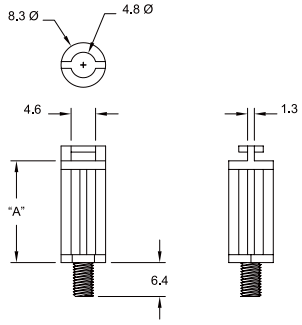



**TCEHCBS**
Type 1




Bottom Hole:For Metal #6 Self-Tapping Screw

**MSCEHCBS**
Type 2




Bottom Hole:M4 Screw

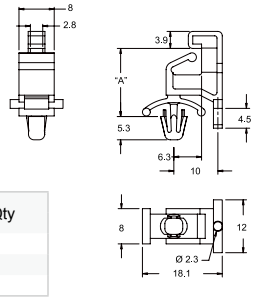
UBM & UBMC

# Universal Board Mount

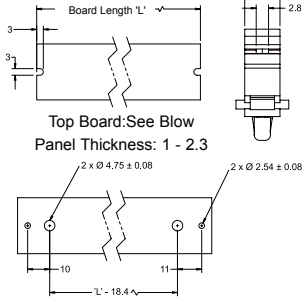
**Natural UL94 V2 Nylon 6/6, RMS-01**



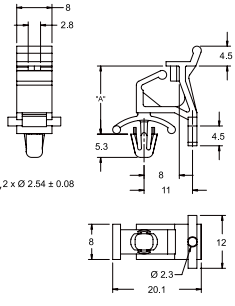
**UBM**
Type 1



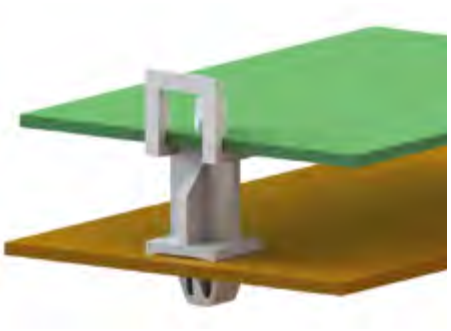

Mounting Layout
Top Board:See Blow
Panel Thickness: 1.6 - 2.3




**UBMC**
Type 2




| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| UBM (Type 1) | UBMC (Type 2) | | |
| UBM-12.3M-01 | UBMC-12.3M-01 | 12.3 | 500 |
| UBM-15.5M-01 | UBMC-15.5M-01 | 15.5 | 500 |
| UBM-22.0M-01 | - | 22 | 500 |



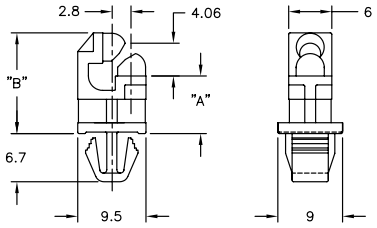
## HLCBSE2 & PCBEHE2

# Hinged Locking Circuit Board Support System

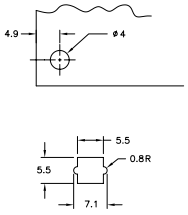
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A" Standoff Height (mm) | "B" (mm) | Part Number | "A" Standoff Height (mm) | "B" (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| HLCBSE2-4M-01 | 4 | 10 | PCBEHE2-4M-01 | 4 | 13.1 | 1000 |
| HLCBSE2-6M-01 | 6 | 12 | PCBEHE2-6M-01 | 6 | 15.1 | 1000 |
| HLCBSE2-8M-01 | 8 | 14 | PCBEHE2-8M-01 | 8 | 17.1 | 1000 |
| HLCBSE2-10M-01 | 10 | 16 | PCBEHE2-10M-01 | 10 | 19.1 | 1000 |
| HLCBSE2-12M-01 | 12 | 18 | - | 12 | 21.1 | 1000 |
| - | 14 | 20 | PCBEHE2-14M-01 | 14 | 23.1 | 1000 |
| HLCBSE2-25M-01 | 25 | 31 | PCBEHE2-25M-01 | 25 | 34.1 | 1000 |
| HLCBSE2-30M-01 | 30 | 36 | PCBEHE2-30M-01 | 30 | 39.1 | 1000 |

**HLCBSE2**

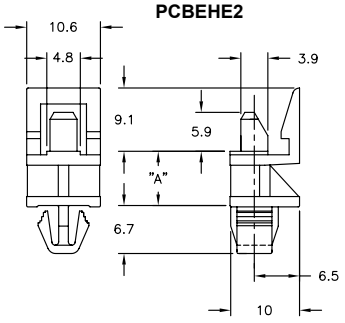



Top Hole: Snap-lock: Φ4
Panel Thickness: 1.6




Bottom Hole: See Above
Panel Thickness: 1.2 - 1.8

**PCBEHE2**



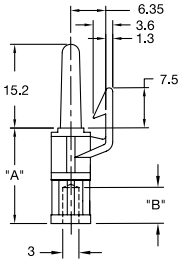

## TEHCBS

# Edge Holding Circuit Board Support

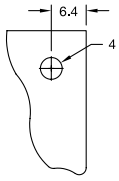
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A"(mm) | "B"(mm) | Std Pack Qty |
|---|---|---|---|
| TEHCBS-4-01 | 6.4 | 6.4 | 1000 |
| TEHCBS-5-01 | 7.9 | 5.2 | 1000 |
| TEHCBS-6-01 | 9.5 | 6.4 | 1000 |
| TEHCBS-8-01 | 12.7 | 6.4 | 1000 |
| TEHCBS-10-01 | 15.9 | 6.4 | 1000 |
| TEHCBS-12-01 | 19.1 | 6.4 | 1000 |

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57




Top Board Hole Location




Bottom Hole:For Metal #6 Self-Tapping Screw

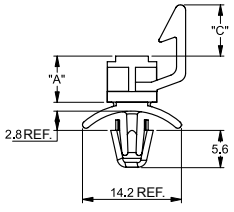


## EHCBS

# Edge Holding Circuit Board Support, No Nose

**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number "C" = 6.1 | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| EHCBS-9-5-01 | 7.9 | 1000 |
| EHCBS-9-6-01 | 9.5 | 1000 |
| EHCBS-9-8-01 | 12.7 | 1000 |
| EHCBS-9-10-01 | 15.9 | 1000 |




Bottom Hole: Snap-lock: Φ4.75 ± 0.08
Panel Thickness: 0.79 - 1.98

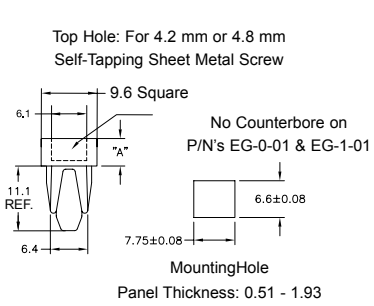


EG

## Expansion Grommet

**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| EG-0-01 | 0.8 | 1000 |
| EG-1-01 | 1.6 | 1000 |
| EG-2-01 | 3.2 | 1000 |
| EG-3-01 | 4.8 | 1000 |
| EG-4-01 | 6.4 | 1000 |
| EG-5-01 | 7.9 | 1000 |
| EG-7-01 | 11.1 | 1000 |
| EG-8-01 | 12.7 | 1000 |

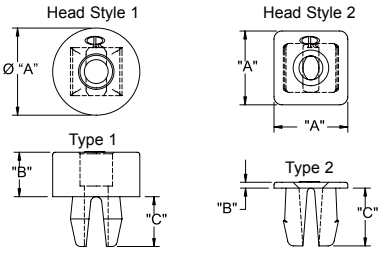





SRSG

## Self-Retaining Screw Grommet

**Natural UL94 V2 Nylon 6/6, RMS-01**





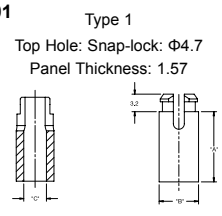

| Part Number | "A" Head Size | "B" Head Thickness | "C" Prong Length | Mounting Hole Size (Square) | Panel Thickness Range | Metal Self-Tapping Screw Size (mm) | Type | Head Style | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| 60SGN00915 | 9.5x9.5 | 0.8 | 7.1 | 6.2 - 6.45 | 0.79 - 3.2 | 6 or 8 | 1 | 1 | 1000 |
| 60SGN00013 | 12.7 Dia | 6.4 | 7.1 | 7.14 - 8.26 | 0.8 - 3.2 | 8 or 10 | 2 | 2 | 1000 |
| 60SGN02500 | 12.6 Dia | 7.9 | 8.25 | 7.14 - 8.26 | 1.6 - 4.3 | 8 | 2 | 2 | 1000 |
| 60SGN00038 | 12.7 Dia | 9.5 | 8.1 | 6.99 -7.34 | 0.8 - 4 | 8 | 2 | 2 | 1000 |
| 60SGN00910 | 12.5 Dia | 17.6 | 7.1 | 7.14 -7.26 | 0.8 - 2.8 | 5 or 10 | 2 | 2 | 1000 |
| 60SGN01145 | 10.3x10.3 | 1.4 - 1.7 | 8.3 | 6.99 - 7.37 | 0.79 - 3.3 | 4.2 or 4.8 | 1 | 1 | 1000 |
| 60SGN00016 | 12.7 Dia | 2.5 | 8.25 | 6.99 - 7.34 | 0.8 - 4 | 8 or 10 | 1 | 2 | 1000 |
| 60SGN00012 | 12.7 Dia | 3.2 | 8.13 | 6.89 - 7.37 | 0.8 - 3.2 | 8 or 10 | 1 | 2 | 1000 |
| 60SGN00911 | 12.5 Dia | 9.5 | 7.14 | 7.14 - 7.26 | 0.8 - 2.8 | 8 or 10 | 1 | 2 | 1000 |

*At minimum panel thickness, part will only function with a 4.8 mm screw.

SRS

## Self-Retaining Spacer

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Type 1 | Type 2 | | Type 3 | | |
| For M3 Screw | For M3.5 Screw | For M4 Screw | | | |
| "B" = 6.4 "C" = 3.2 | "B" = 7.1 "C" = 3.9 | "B" = 7.1 "C" = 4.3 | | | |
| SRS4-2-01 | - | - | | 3.2 | 1000 |
| SRS4-3-01 | - | - | - | 4.8 | 1000 |
| SRS4-4-01 | SRS6-4-01 | SRS8-4-01 | SRS8-2-4-01 | 6.4 | 1000 |
| SRS4-5-01 | SRS6-5-01 | SRS8-5-01 | SRS8-2-5-01 | 7.9 | 1000 |
| SRS4-6-01 | SRS6-6-01 | SRS8-6-01 | SRS8-2-6-01 | 9.5 | 1000 |
| SRS4-7-01 | SRS6-7-01 | SRS8-7-01 | SRS8-2-7-01 | 11.1 | 1000 |
| SRS4-8-01 | SRS6-8-01 | SRS8-8-01 | SRS8-2-8-01 | 12.7 | 1000 |
| SRS4-10-01 | SRS6-10-01 | SRS8-10-01 | SRS8-2-10-01 | 15.9 | 1000 |
| SRS4-12-01 | SRS6-12-01 | SRS8-12-01 | SRS8-2-12-01 | 19.1 | 1000 |
| SRS4-14-01 | SRS6-14-01 | - | SRS8-2-14-01 | 22.2 | 1000 |
| SRS4-16-01 | SRS6-16-01 | SRS8-16-01 | SRS8-2-16-01 | 25.4 | 1000 |

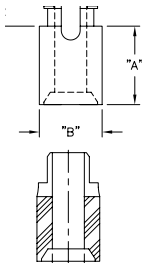
SSRS

## Stackable Self-Retaining Spacer

**Natural UL94 V2 Nylon 6/6, RMS-01**



Top Hole: Locking: See Table
Panel Thickness: 1.57




| Part Number | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|
| For M3 Screw | For M3 Screw | For M4 Screw | | |
| "B" = 6.6<br>"C" = 3.3<br>Ø = 4.75±0.08 | "B" = 7.9<br>"C" = 3.9<br>Ø = 5.94±0.08 | "B" = 7.9<br>"C" = 4.3<br>Ø = 5.94±0.08 | | |
| SSRS4-2-01 | - | - | 3.2 | 1000 |
| SSRS4-3-01 | - | - | 4.8 | 1000 |
| SSRS4-4-01 | SSRS6-4-01 | SSRS8-4-01 | 6.4 | 1000 |
| SSRS4-5-01 | SSRS6-5-01 | SSRS8-5-01 | 7.9 | 1000 |
| SSRS4-6-01 | SSRS6-6-01 | SSRS8-6-01 | 9.5 | 1000 |
| SSRS4-7-01 | SSRS6-7-01 | SSRS8-7-01 | 11.1 | 1000 |
| SSRS4-8-01 | SSRS6-8-01 | SSRS8-8-01 | 12.7 | 1000 |
| SSRS4-10-01 | SSRS6-10-01 | SSRS8-10-01 | 15.9 | 1000 |
| - | - | SSRS8-12-01 | 19.1 | 1000 |
| - | SSRS6-14-01 | SSRS8-14-01 | 22.2 | 1000 |
| - | SSRS6-16-01 | SSRS8-16-01 | 25.4 | 1000 |

CBSS

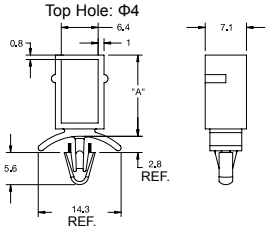
## Circuit Board Stacking Spacer

**Natural**

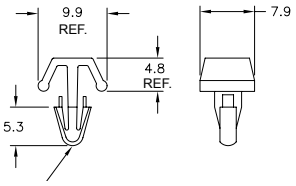


Type 1

Top Hole: Φ4




Type 2




To Snap-Lock in a ø4 Hole

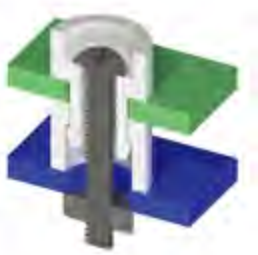
Bottom Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 0.79 - 1.98

| Spacer (Type 1) | | | Mounting Button (Type 2) | | Std Pack Qty |
|---|---|---|---|---|---|
| Nylon 6/6, RMS-01 | Nylon 6/6, RMS-19 | "A" Standoff Height (mm) | UL94 V2 Nylon 6/6, RMS-01 | Total Holding Thickness | |
| CBSS-8-01 | CBSS-8-19 | 10.9 | MB-1-156 | 0.8 - 2.4 | 1000 |
| CBSS-10-01 | CBSS-10-19 | 14 | MB-1-156 | 0.8 - 2.4 | 1000 |
| CBSS-12-01 | CBSS-12-19 | 17.3 | MB-1-156 | 0.8 - 2.4 | 1000 |
| CBSS-14-01 | CBSS-14-19 | 20.3 | MB-1-156 | 0.8 - 2.4 | 1000 |

CSP & CSR

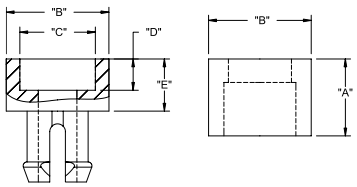
## Collar Space

**Natural UL94 V2 Nylon 6/6, RMS-01**



**CSP(PIN)** **CSP(RETAINER)**

Top Hole: See Table
Panel Thickness: 2.36 Max.




Bottom Hole: See Table

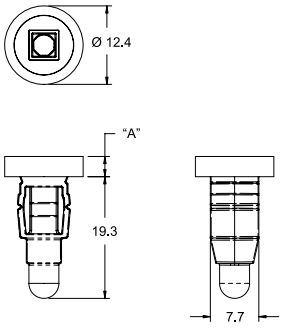
Pin

| Part Number | "B" | "C" DIA. | "D" REF. | "E" REF. | Mounting Hole Dia. ±0.08 | Binding Head Type Screw Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| CSP4-01 | 7.5 | - | - | 2.5 | 5 | M2.5 | 1000 |
| CSP6-01 | 10 | 7.4 | 3 | 5.1 | 6.5 | M3 | 1000 |
| CSP8-01 | 11.1 | 8.4 | 3.6 | 5.6 | 6.9 | M4 | 1000 |

Retainer

| Part Number | "A" | "B" | Mating Pin (CSP) No | Std Pack Qty |
|---|---|---|---|---|
| CSR4-224-01 | 5.7 | 7.5 | CSP4-01 | 1000 |
| CSR4-295-01 | 7.5 | 7.5 | CSP4-01 | 1000 |
| CSR4-394-01 | 10 | 7.5 | CSP4-01 | 1000 |
| CSR4-591-01 | 15 | 7.5 | CSP4-01 | 1000 |
| CSR6-224-01 | 5.7 | 10 | CSP6-01 | 1000 |
| CSR6-295-01 | 7.5 | 10 | CSP6-01 | 1000 |
| CSR6-394-01 | 10 | 10 | CSP6-01 | 1000 |
| CSR6-591-01 | 15 | 10 | CSP6-01 | 1000 |
| CSR8-224-01 | 5.7 | 11 | CSP8-01 | 1000 |
| CSR8-295-01 | 7.5 | 11 | CSP8-01 | 1000 |
| CSR8-394-01 | 10 | 11 | CSP8-01 | 1000 |
| CSR8-591-01 | 15 | 11 | CSP8-01 | 1000 |
| CSR8-787-01 | 20 | 11 | CSP8-01 | 1000 |

## TFR
# Toggle Fixer
**Natural UL94 V2 Nylon 6/6, RMS-01**



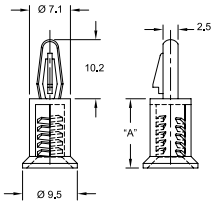



| Part Number | "A" | Panel Thickness | Mounting Hole Ø | Std Pack Qty |
|---|---|---|---|---|
| TFR-1 | 0.8 | 1.5 - 2.8 | 8 ± 0.1 Square | 1000 |
| TFR-2 | 3.2 | 0.5 - 2.8 | 8 ± 0.1 Square | 1000 |
| TFR-3 | 4.8 | 0.5 - 2.8 | 8 ± 0.1 Square | 1000 |

Accepts Metal Self-Tapping Screw Size 4.2 mm

## SFCBS
# Stud Fitting Circuit Board Support
**Natural Nylon 6/6, RMS-01**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57



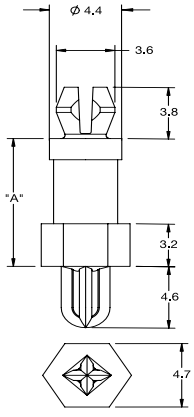

Bottom Hole: To fit a metal
M4 screw or stud



| Part Number | "A" | Stud Length | Std Pack Qty |
|---|---|---|---|
| SFCBS-M4-10M-01 | 10 | 8 | 1000 |
| SFCBS-M4-12M-01 | 12 | 10 | 1000 |
| SFCBS-M4-14M-01 | 14 | 12 | 1000 |
| SFCBS-M4-16M-01 | 16 | 14 | 1000 |
| SFCBS-M4-18M-01 | 18 | 16 | 1000 |
| SFCBS-M4-20M-01 | 20 | 18 | 1000 |

## MSPMST
# Mini Support Post Self-Threading
**Clear Nylon 6/6, RMS-01**

Top Hole: Snap-fit: 3.18 ± 0.05
Panel Thickness: 1.57



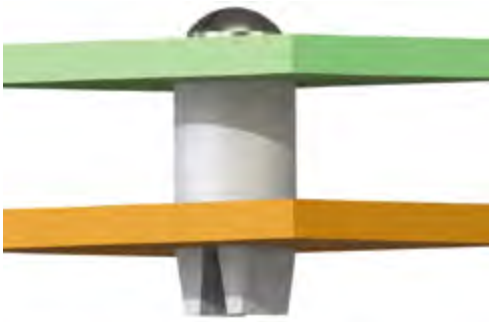



| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| MSPMST-2-01 | 3.2 | 1000 |
| MSPMST-3-01 | 4.8 | 1000 |
| MSPMST-4-01 | 6.4 | 1000 |
| MSPMST-5-01 | 7.9 | 1000 |
| MSPMST-6-01 | 9.5 | 1000 |
| MSPMST-7-01 | 11.1 | 1000 |
| MSPMST-8-01 | 12.7 | 1000 |
| MSPMST-9-01 | 14.3 | 1000 |

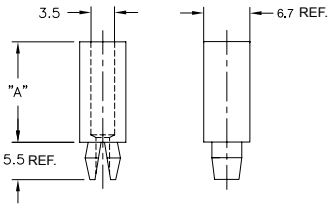
MSNE

## Spacer Nut

**Natural Nylon 6/6, RMS-01**

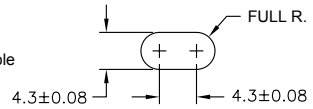


Top Hole: For a Metal 2.9 mm
Self-Tapping Screw




Bottom Hole: 4.3 ± 0.08
Square Hole. See also Optional Mounting Hole
Panel Thickness: 1.6

Optional Mounting




| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| MSNE-2-01 | 3.2 | 1000 |
| MSNE-4M-01 | 4 | 1000 |
| MSNE-3-01 | 4.8 | 1000 |
| MSNE-6M-01 | 6 | 1000 |
| MSNE-4-01 | 6.4 | 1000 |
| MSNE-5-01 | 7.9 | 1000 |
| MSNE-8M-01 | 8 | 1000 |
| MSNE-6-01 | 9.5 | 1000 |
| MSNE-10M-01 | 10 | 1000 |
| MSNE-12M-01 | 12 | 1000 |
| MSNE-8-01 | 12.7 | 1000 |
| MSNE-10-01 | 15.9 | 1000 |
| MSNE-12-01 | 19.1 | 1000 |
| MSNE-16-01 | 25.4 | 1000 |

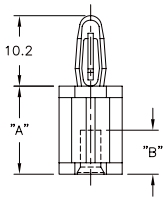
TCBS

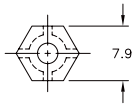
## Circuit Board Support Self-Tapping

**Natural**



Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57




Bottom Hole: For Metal
3.5 mm Self-Tapping Screw

| Part Number | Part Number | "A" Standoff Height (mm) | "B" | Std Pack Qty |
|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | | |
| TCBS-4-01 | TCBS-4-19 | 6.4 | 5.2 | 1000 |
| TCBS-6-01 | TCBS-6-19 | 9.5 | 7.9 | 1000 |
| TCBS-8-01 | TCBS-8-19 | 12.7 | 7.9 | 1000 |
| TCBS-10-01 | TCBS-10-19 | 15.9 | 7.9 | 1000 |
| TCBS-12-01 | TCBS-12-19 | 19.1 | 7.9 | 1000 |
| TCBS-14-01 | TCBS-14-19 | 22.2 | 7.9 | 1000 |
| TCBS-16-01 | TCBS-16-19 | 25.4 | 7.9 | 1000 |
| TCBS-18-01 | TCBS-18-19 | 28.6 | 7.9 | 1000 |
| TCBS-20-01 | TCBS-20-19 | 31.7 | 7.9 | 1000 |
| TCBS-22.5-01 | TCBS-22.5-19 | 35.7 | 7.9 | 1000 |

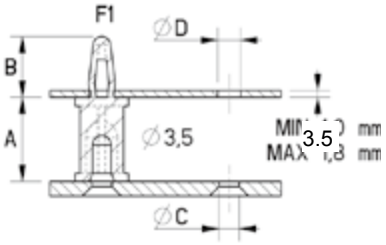
SR 6434

# Screw Fastened Spacer

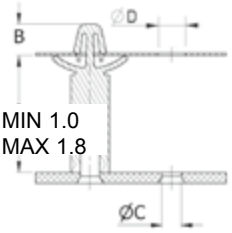
**Natural Nylon 6.6**

- Secured by a self tapping screw
- Simple Snap-in board mounting
- Available in a range of heights

Type 1




Type 2



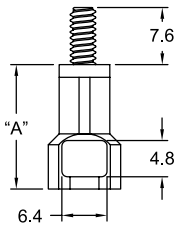


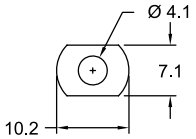

| Part number | Dimensions (mm) | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" Standoff Height | B | C | D | | |
| 100206400002 | 6.4 | 9 | 3.5 | 4 | 1 | 1000 |
| 100209500002 | 9.5 | 9 | 3.5 | 4 | 1 | 1000 |
| 100212700002 | 12.7 | 9 | 3.5 | 4 | 1 | 1000 |
| 100215900002 | 15.9 | 9 | 3.5 | 4 | 1 | 1000 |
| 100219200002 | 19.1 | 9 | 3.5 | 4 | 1 | 1000 |
| 100222200002 | 22.2 | 9 | 3.5 | 4 | 1 | 1000 |
| 100225400002 | 25.4 | 9 | 3.5 | 4 | 1 | 1000 |
| 100228600002 | 28.6 | 9 | 3.5 | 4 | 1 | 1000 |
| 100209100002 | 9.6 | 8 | 3.5 | 4 | 2 | 1000 |
| 100213100002 | 12.7 | 8 | 3.5 | 4 | 2 | 1000 |
| 100219100002 | 19.1 | 8 | 3.5 | 4 | 2 | 1000 |
| 100229100002 | 28.5 | 8 | 3.5 | 4 | 2 | 1000 |

SRSCBS

## Snap Rivet Studded Circuit Board Support

**Natural Nylon 6/6, RMS-01**




Bottom Hole: Snap Rivet: 4.1 - 4.2
Panel Thickness: See Rivet Table



| Part Number | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|
| Thread #6-32 | Thread M3 | Thread M4 | | |
| SRSCBS-6-01 | SRSCBS-M3-6-01 | SRSCBS-M4-6-01 | 9.5 | 1000 |
| SRSCBS-7-01 | SRSCBS-M3-7-01 | SRSCBS-M4-7-01 | 11.1 | 1000 |
| SRSCBS-8-01 | SRSCBS-M3-8-01 | SRSCBS-M4-8-01 | 12.7 | 1000 |
| SRSCBS-10-01 | - | - | 15.9 | 1000 |
| - | SRSCBS-M3-12-01 | SRSCBS-M4-12-01 | 19.1 | 1000 |
| - | - | SRSCBS-M4-14-01 | 22.2 | 1000 |
| SRSCBS-16-01 | SRSCBS-M3-16-01 | SRSCBS-M4-16-01 | 25.4 | 1000 |

Rivets

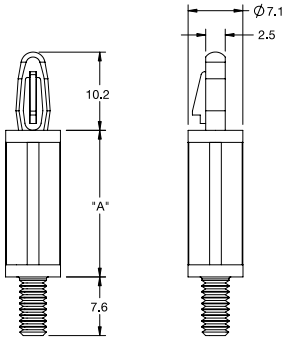
| Richco Use Rivet Part Number | For Panel Thickness |
|---|---|
| SR-4050 | 0.7-1.6 |
| SR-4060 | 1.5-2.7 |
| SR-4070 | 2.7-3.7 |
| SR-4080 | 3.7-4.7 |
| SR-4090 | 4.7-5.7 |
| SR-4100 | 5.7-6.7 |
| SR-4120 | 7.2-8.7 |

LCBS-TM

## Locking Circuit Board Support Threaded Male

**Natural**

Top Hole: Snap-lock: 4
Panel Thickness: 1.57






| LCBS-TM | | LCBS-TM-M4 | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|
| Natural UL94 V2 Nylon 6/6, RMS-01 Screw: #6-32 | UL94 V0 Nylon6/6,RMS-19 Screw: #6-32 | Nylon6/6, RMS-01 Screw: M4 | | |
| LCBS-TM-4-01 | LCBS-TM-4-19 | LCBS-TM-M4-4-01 | 6.4 | 1000 |
| LCBS-TM-6-01 | LCBS-TM-6-19 | LCBS-TM-M4-6-01 | 9.5 | 1000 |
| LCBS-TM-8-01 | LCBS-TM-8-19 | LCBS-TM-M4-8-01 | 12.7 | 1000 |
| LCBS-TM-10-01 | LCBS-TM-10-19 | LCBSTM-M4-10-01 | 15.9 | 1000 |
| LCBS-TM-12-01 | LCBS-TM-12-19 | LCBSTM-M4-12-01 | 19.1 | 1000 |
| LCBS-TM-14-01 | LCBS-TM-14-19 | LCBSTM-M4-14-01 | 22.2 | 1000 |
| LCBS-TM-16-01 | LCBS-TM-16-19 | LCBSTM-M4-16-01 | 25.4 | 1000 |

TCBNS

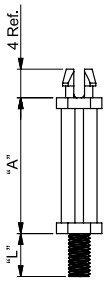
## Studded Circuit Board

**Black UL94 V2 Nylon 6/6, RMS-172**

- Thread: M3
- "L" Thread Length: 6

Top Hole: 3mm
Panel Thickness: 1.6






| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| TCBNS-M3-3 | 3 | 1000 |
| TCBNS-M3-5 | 5 | 1000 |
| TCBNS-M3-6 | 6 | 1000 |
| TCBNS-M3-8 | 8 | 1000 |
| TCBNS-M3-10 | 10 | 1000 |
| TCBNS-M3-12 | 12 | 1000 |
| TCBNS-M3-15 | 15 | 1000 |
| TCBNS-M3-20 | 20 | 1000 |

SCBS/SCBSM/SCBS/MSCBSM

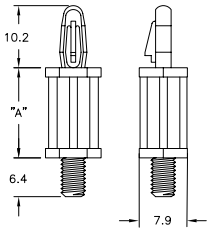
## Studded Circuit Board

**Natural UL94 V2 Nylon 6/6, RMS-01**



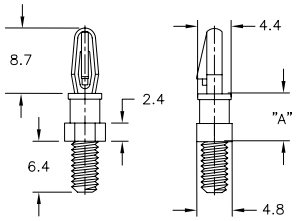
Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57

Type 1




Top Hole: Snap-lock: 3.18 ± 0.05
Panel Thickness: 1.57

Type 2



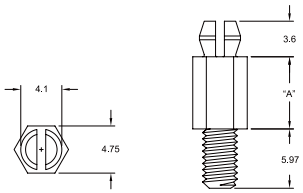

| Part Number | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Thread: #8-32 | Thread: M3 | Thread: M4 | | | |
| SCBS (Type 1) | MSCBSM (Type 2) | MSCBS (Type 1) | MSCBSM (Type 2) | | |
| - | MSCBSM-M3-2-01 | - | MSCBSM-M4-2-01 | 3.2 | 1000 |
| - | MSCBSM-M3-3-01 | - | MSCBSM-M4-3-01 | 4.8 | 1000 |
| SCBS-4-01 | MSCBSM-M3-4-01 | MSCBS-4-01 | MSCBSM-M4-4-01 | 6.4 | 1000 |
| - | MSCBSM-M3-5-01 | - | MSCBSM-M4-5-01 | 7.9 | 1000 |
| SCBS-6-01 | MSCBSM-M3-6-01 | MSCBS-6-01 | MSCBSM-M4-6-01 | 9.5 | 1000 |
| - | MSCBSM-M3-7-01 | - | MSCBSM-M4-7-01 | 11.1 | 1000 |
| SCBS-8-01 | MSCBSM-M3-8-01 | MSCBS-8-01 | MSCBSM-M4-8-01 | 12.7 | 1000 |
| - | MSCBSM-M3-9-01 | - | - | 14.3 | 1000 |
| - | MSCBSM-M3-10-01 | MSCBS-10-01 | MSCBSM-M4-10-01 | 15.9 | 1000 |
| SCBS-12-01 | - | MSCBS-12-01 | - | 19.1 | 1000 |
| SCBS-14-01 | - | MSCBS-14-01 | - | 22.2 | 1000 |
| - | - | MSCBS-16-01 | - | 25.4 | 1000 |
| - | - | MSCBS-18-01 | - | 28.6 | 1000 |
| - | - | MSCBS-22.5-01 | - | 35.7 | 1000 |

HMSP-TM

## Hex Mini Support Post Threaded Male

**Natural UL94 V2 Nylon 6/6, RMS-01**






Top Hole: Snap-lock: 3.86 ± 0.05
Panel Thickness: 1.57

| Part Number | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|
| Thread: #6-32 | | |
| HMSP-TM-6-01 | 9.5 | 1000 |
| HMSP-TM-8-01 | 12.7 | 1000 |
| HMSP-TM-10-01 | 15.9 | 1000 |
| HMSP-TM-14-01 | 22.2 | 1000 |

LCCBS-TM

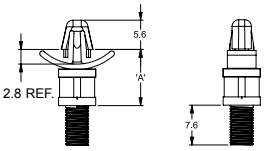
## Threaded Circuit Board Support

**Natural UL94 V2 Nylon 6/6, RMS-01**



Top Hole: Snap-lock: Φ4.75 ± 0.08
Panel Thickness: 1.57

Bottom Hole: See table




| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| #6-32 Thread | M4 Thread | | |
| LCCBS-TM-6-01 | LCCBSM-M4-6-01 | 10.7 | 1000 |
| - | LCCBSM-M4-8-01 | 13.9 | 1000 |
| LCCBS-TM-10-01 | LCCBSM-M4-10-01 | 17.1 | 1000 |
| LCCBS-TM-12-01 | LCCBSM-M4-12-01 | 20.2 | 1000 |
| LCCBS-TM-14-01 | LCCBSM-M4-14-01 | 23.4 | 1000 |
| LCCBS-TM-16-01 | - | 26.6 | 1000 |

LCBS-TF/CBS-TF

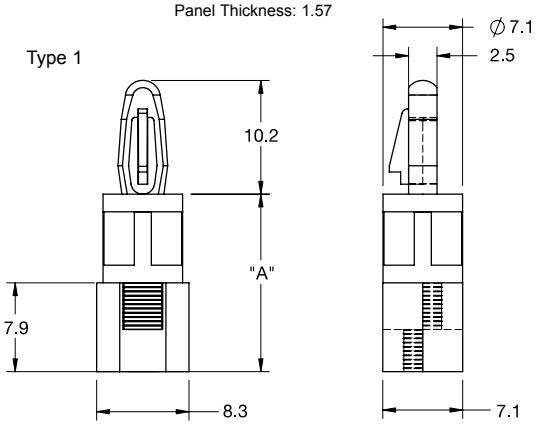
## Threaded Circuit Board Support

**Natural**

| Part Number | | | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Type 1 | | Type 2 | | | | |
| Nylon 6/6, RMS-01 | Nylon 6/6 RMS-01 | Nylon 6/6, RMS-01 | Nylon 6/6, RMS-19 | Nylon 6/6, RMS-01 | | |
| Thread: #6-32 | Thread: M4 | Thread:#6-32 | | Thread: M4 | | |
| - | LCBS-TF-M4-6-01 | - | CBS-TF-6-19 | CBS-TF-M4-6-01 | 9.5 | 1000 |
| - | LCBS-TF-M4-8-01 | - | CBS-TF-8-19 | CBS-TF-M4-8-01 | 12.7 | 1000 |
| LCBS-TF-10-01 | LCBSTF-M4-10-01 | - | CBS-TF-10-19 | CBS-TF-M4-10-01 | 15.9 | 1000 |
| LCBS-TF-12-01 | LCBSTF-M4-12-01 | - | CBS-TF-12-19 | CBS-TF-M4-12-01 | 19.1 | 1000 |
| LCBS-TF-14-01 | LCBSTF-M4-14-01 | CBS-TF-14-01 | CBS-TF-14-19 | CBS-TF-M4-14-01 | 22.2 | 1000 |
| LCBS-TF-16-01 | - | CBS-TF-16-01 | CBS-TF-16-19 | CBS-TF-M4-16-01 | 25.4 | 1000 |

**LCBS-TF**

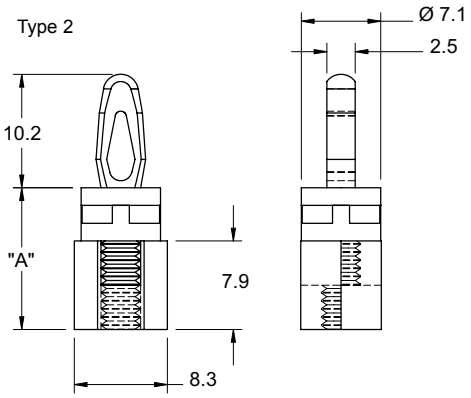
Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57




Bottom Hole: See table for thread options

**CBS-TF**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: 1.57




Bottom Hole: See table for thread options

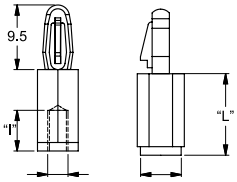


TCBN

## Metric Threaded Circuit Board Support

**Black UL94 HB Nylon 6/6, RMS-172**

Top Hole: Snap-lock: 4 ± 0.08
Panel Thickness: See Table for Dim.





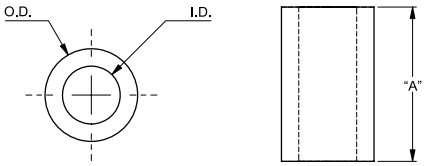

| Part Number | | | | | | "L" | "I" | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| M3 Thread | | | | M4 Thread | | | | |
| Panel Thickness = 1.6MM | | Panel Thickness = 2MM | | Panel Thickness = 1.6MM | Panel Thickness = 2MM | | | |
| **"H" = 6MM** | **"H" = 8MM** | **"H" = 6MM** | **"H" = 8MM** | **"H" = 6MM** | **"H" = 8MM** | | | |
| TCBN-T1-M3-6-6 | TCBN-T1-M3-8-6 | TCBN-T2-M3-6-6 | TCBN-T2-M3-8-6 | TCBN-T1-M4-8-6 | 1306295 | 6 | 4 | 500 |
| - | - | - | - | TCBN-T1-M4-8-7 | - | 7 | 5 | 500 |
| TCBN-T1-M3-6-8 | 1306292 | TCBN-T2-M3-6-8 | TCBN-T2-M3-8-8 | TCBN-T1-M4-8-8 | TCBN-T2-M4-8-8 | 8 | 6 | 500 |
| 1306282 | 1306293 | TCBN-T2-M3-6-10 | - | - | TCBN-T2-M4-8-10 | 10 | 8 | 500 |
| TCBN-T1-M3-6-12 | TCBN-T1-M3-8-12 | TCBN-T2-M3-6-12 | TCBN-T2-M3-8-12 | TCBN-T1-M4-8-12 | TCBN-T2-M4-8-12 | 12 | 10 | 500 |
| - | TCBN-T1-M3-8-15 | TCBN-T2-M3-6-15 | TCBN-T2-M3-8-15 | 1306294 | TCBN-T2-M4-8-15 | 15 | 10 | 500 |
| TCBN-T1-M3-6-18 | - | - | - | TCBN-T1-M4-8-12 | - | 18 | 10 | 500 |
| 1317194 | - | - | - | TCBN-T1-M4-8-45 | - | 45 | 10 | 500 |

SS/SSE

## Round Plastic Spacer

**Light Grey UL94 V0 PVC, RMS-204**



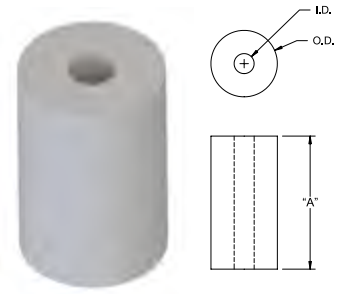



| "A" Standoff Height (mm) | Part Number | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | For M2.5 Screw | For M3 Screw | For M4 Screw | For M4 Screw | For M5 Screw | For M6 Screw | For M9 Screw | |
| | I.D.= 3<br>O.D. = 6.4 | I.D.= 3.7<br>O.D. = 6.4 | I.D.= 4.4<br>O.D. = 6.4 | I.D.= 4.4<br>O.D. = 9.5 | I.D.= 5.1<br>O.D. = 9.5 | I.D.= 6.8<br>O.D. = 12.7 | I.D.= 10.1<br>O.D. = 12.7 | |
| 6.4 | SS4-2 | SS6-2 | SS8-2 | SS8-2L | SS10-2 | SS1/4-2 | SS3/8-2 | 1000 |
| 9.5 | SS4-3 | SS6-3 | SS8-3 | SS8-3L | SS10-3 | - | SS3/8-3 | 1000 |
| 12.7 | SS4-4 | SS6-4 | SS8-4 | SS8-4L | SS10-4 | SS1/4-4 | SS3/8-4 | 1000 |
| 15.9 | SS4-5 | SS6-5 | SS8-5 | SS8-5L | SS10-5 | - | - | 1000 |
| 19.1 | SS4-6 | SS6-6 | SS8-6 | SS8-6L | SS10-6 | SS1/4-6 | SS3/8-6 | 1000 |
| 25.4 | SS4-8 | SS6-8 | SS8-8 | SS8-8L | SS10-8 | SS1/4-8 | SS3/8-8 | 1000 |
| 31.8 | - | SS6-10 | SS8-10 | SS8-10L | SS10-10 | SS1/4-10 | SS3/8-10 | 500 |
| 38.1 | - | SS6-12 | SS8-12 | SS8-12L | SS10-12 | SS1/4-12 | SS3/8-12 | 500 |

R900

## Round Plastic Spacer

**White Modified Nylon 6, RMS-60**

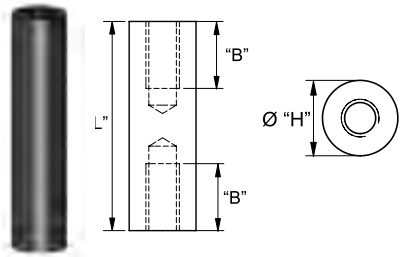



| Part Number | | | | | | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| "A" = 1.6 | "A" = 3.2 | "A" = 4.8 | "A" = 6.4 | "A" = 7.9 | "A" = 9.5 | "A" = 11.1 | "A" = 12.7 | For Screw | I.D. | O.D. | |
| R901-1 | R901-2 | R901-3 | R901-4 | R901-5 | R901-6 | R901-7 | R901-8 | - | 0.7 | 2.2 | 1000 |
| R938-1 | R938-2 | R938-3 | R938-4 | R938-5 | R938-6 | R938-7 | R938-8 | - | 0.8 | | 1000 |
| R902-1 | R902-2 | - | R902-4 | R902-5 | R902-6 | R902-7 | R902-8 | - | 0.8 | 3.2 | 1000 |
| - | R939-2 | - | R939-4 | R939-5 | - | - | R939-8 | - | 1.2 | | 1000 |
| R903-1 | R903-2 | - | R903-4 | R903-5 | R903-6 | R903-7 | R903-8 | - | 1.2 | 4 | 1000 |
| R904-1 | - | - | R904-4 | - | R904-6 | R904-7 | R904-8 | - | 1.6 | 4.8 | 1000 |
| R906-1 | R906-2 | R906-3 | - | - | R906-6 | R906-7 | R906-8 | M2 | 2.2 | 3.6 | 1000 |
| R937-1 | - | - | - | - | - | R937-7 | R937-8 | M2 | 2.3 | 3.2 | 1000 |
| R913-1 | - | - | - | - | - | - | - | M2 | 2.3 | 4.8 | 1000 |
| R907-1 | R907-2 | R907-3 | - | R907-5 | R907-6 | - | R907-8 | M2.5 | 2.7 | 4.2 | 1000 |
| R908-1 | - | - | - | - | - | - | - | M3 | 3.2 | 4.8 | 1000 |
| R911-1 | - | - | - | - | - | - | - | M3 | 3.2 | 6.4 | 1000 |
| R905-1 | R905-2 | R905-3 | R905-4 | R905-5 | R905-6 | R905-7 | R905-8 | M3.5 | 3.7 | 6.4 | 1000 |
| R912-1 | - | - | - | - | - | - | - | M4 | 4.3 | 6.4 | 1000 |

RTSN

## Round Threaded Standoff

**Black Nylon 6, 25% Glass Filled, RMS-173**



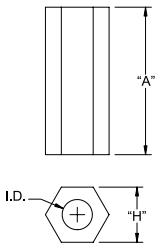

| Part Number | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| Thread M3 | Thread M4 | | | |
| "H" = 7 | "H" = 7 | "L" | "B" | |
| RTSN-M3-5-7-1 | RTSN-M4-5-7-1 | 5 | Through | 500 |
| RTSN-M3-8-7-1 | RTSN-M4-8-7-1 | 8 | Through | 500 |
| RTSN-M3-10-7-1 | RTSN-M4-10-7-1 | 10 | Through | 500 |
| RTSN-M3-15-7-1 | RTSN-M4-15-7-1 | 15 | Through | 500 |
| RTSN-M3-20-7-1 | RTSN-M4-20-7-1 | 20 | 10 Min | 500 |
| - | RTSN-M4-25-7-1 | 25 | 10 Min | 500 |
| RTSN-M3-30-7-1 | RTSN-M4-30-7-1 | 30 | 10 Min | 500 |

HS

## Hex Plastic Spacers

**Light Gray, UL94 V0 PVC, RMS-448**






| Part Number | | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|---|
| For #4 Self Tapping Screw | For #6 Self Tapping Screw | For #8 Self Tapping Screw | | |
| "I.D." = 2.6 "H" = 4.8 | "I.D." = 2.8 "H" = 6.4 | "I.D." = 3.6 "H" = 9.5 | | |
| HS-4-3 | - | - | 9.5 | 1000 |
| HS-4-4 | HS-6-4 | - | 12.7 | 1000 |
| - | HS-6-5 | - | 15.9 | 1000 |
| HS-4-6 | HS-6-6 | - | 19.1 | 1000 |
| HS-4-7 | HS-6-7 | - | 22.2 | 1000 |
| HS-4-8 | HS-6-8 | HS-8-8 | 25.4 | 1000 |
| - | HS-6-10 | - | 31.8 | 500 |
| - | - | - | 38.1 | 500 |
| - | HS-6-14 | HS-8-14 | 44.5 | 500 |
| - | - | HS-8-16 | 50.8 | 500 |
| - | - | HS-8-24 | 76.2 | 500 |

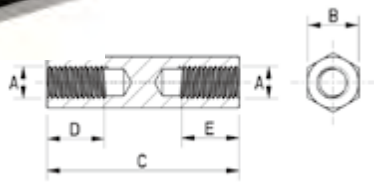
SR 6437

## Hexagonal F/F Spacer

**PPS Black**

- Suitable for any application
- Resistance up to 200°C
- Thread hole in M2.5, M3, M4 and M5 dimensions






| Part number | Dimensions | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 1566776 | M3 | 5 | 8 | 4 | 4 | 1000 |
| 1566777 | M3 | 5 | 10 | 5 | 5 | 1000 |
| 1566778 | M3 | 5 | 12 | 6 | 6 | 1000 |
| 1566779 | M3 | 5 | 15 | 7.5 | 7.5 | 1000 |
| 1566780 | M3 | 5 | 20 | 10 | 10 | 1000 |
| 1566787 | M3 | 5 | 25 | 12.5 | 12.5 | 1000 |
| 1566782 | M4 | 7 | 8 | 4 | 4 | 1000 |
| 1566783 | M4 | 7 | 10 | 5 | 5 | 1000 |
| 1566784 | M4 | 7 | 12 | 6 | 6 | 1000 |
| 1566785 | M4 | 7 | 15 | 7.5 | 7.5 | 1000 |
| 1566786 | M4 | 7 | 20 | 10 | 10 | 1000 |
| 1566781 | M4 | 7 | 25 | 12.5 | 12.5 | 1000 |

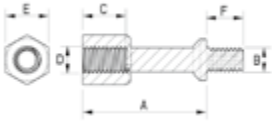
SR 6430

## M/F Threaded Spacer

**Natural nylon-6 (PA-6) and 30% glass fiber**

- May be combined with SR6429
- Applicable for stacking PC boards





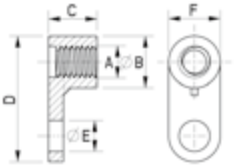

| Part number | Dimensions | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | |
| 138005000016 | 10 | M3 | 5.5 | M3 | 5.5 | 5 | 1000 |
| 138006000016 | 15 | M3 | 5.5 | M3 | 5.5 | 5 | 1000 |
| 138007000016 | 20 | M3 | 5.5 | M3 | 5.5 | 5 | 1000 |
| 138008000016 | 25 | M3 | 5.5 | M3 | 5.5 | 5 | 1000 |
| 138009000016 | 30 | M3 | 5.5 | M3 | 5.5 | 5 | 1000 |
| 138010000016 | 10 | M4 | 6.5 | M4 | 7 | 6 | 1000 |
| 138015000016 | 15 | M4 | 6.5 | M4 | 7 | 6 | 1000 |
| 138020000016 | 20 | M4 | 6.5 | M4 | 7 | 6 | 1000 |
| 138025000016 | 25 | M4 | 6.5 | M4 | 7 | 6 | 1000 |
| 138030000016 | 30 | M4 | 6.5 | M4 | 7 | 6 | 1000 |

SR 6429

## Pre-mounting Foot

**Natural nylon-6 (PA-6) and 30% glass fiber**






| Part number | Dimensions | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | |
| 139003000016 | M3 | 7 | 6.5 | 17 | 4 | 7 | 1000 |
| 139004000016 | M4 | 7 | 6.5 | 17 | 4 | 7 | 1000 |

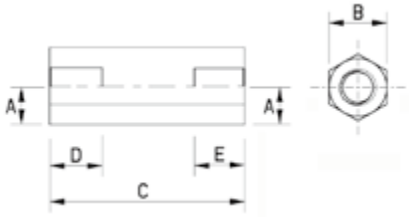
SR6436

## PEEK Hexagonal F/F Spacer

**PEEK, Light Brown**

- Heat resistant up to 180°C
- Excellent mechanical strength and stiffness
- Excellent resistance to alternating tensile and bending loads
- Excellent dimensional stability
- Flame resistance: UL94 V0






| Part number | Dimensions | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 186304070409 | M3 | 6 | 4 | 2 | 2 | 1000 |
| 186305070409 | M3 | 6 | 5 | 2.5 | 2.5 | 1000 |
| 186306070409 | M3 | 6 | 6 | 3 | 3 | 1000 |
| 186308070409 | M3 | 6 | 8 | 4 | 4 | 1000 |
| 186301070409 | M3 | 6 | 10 | 5 | 5 | 1000 |
| 186301270409 | M3 | 6 | 12 | 6 | 6 | 1000 |
| 186301570409 | M3 | 6 | 15 | 7.5 | 7.5 | 1000 |
| 186301870409 | M3 | 6 | 18 | 9 | 9 | 1000 |
| 186302070409 | M3 | 6 | 20 | 10 | 10 | 1000 |
| 186302570409 | M3 | 6 | 25 | 10 | 10 | 1000 |
| 186303070409 | M3 | 6 | 30 | 10 | 10 | 1000 |
| 186405070409 | M4 | 7 | 5 | 2.5 | 7.5 | 1000 |
| 186406070409 | M4 | 7 | 6 | 3 | 3 | 1000 |
| 186408070409 | M4 | 7 | 8 | 4 | 4 | 1000 |
| 186401070409 | M4 | 7 | 10 | 5 | 5 | 1000 |
| 186401270409 | M4 | 7 | 12 | 6 | 6 | 1000 |
| 186401570409 | M4 | 7 | 15 | 7.5 | 7.5 | 1000 |
| 186401870409 | M4 | 7 | 18 | 9 | 9 | 1000 |
| 186402070409 | M4 | 7 | 20 | 10 | 10 | 1000 |
| 186402570409 | M4 | 7 | 25 | 10 | 10 | 1000 |
| 186403070409 | M4 | 7 | 30 | 10 | 10 | 1000 |
| 186403570409 | M4 | 7 | 35 | 10 | 10 | 1000 |
| 186506070409 | M5 | 8 | 6 | 3 | 3 | 1000 |
| 186508070409 | M5 | 8 | 8 | 4 | 4 | 1000 |
| 186501070409 | M5 | 8 | 10 | 5 | 5 | 1000 |
| 186501270409 | M5 | 8 | 12 | 6 | 6 | 1000 |
| 186501570409 | M5 | 8 | 15 | 7.5 | 7.5 | 1000 |
| 186501870409 | M5 | 8 | 18 | 9 | 9 | 1000 |
| 186502070409 | M5 | 8 | 20 | 10 | 10 | 1000 |
| 186502570409 | M5 | 8 | 25 | 10 | 10 | 1000 |
| 186503070409 | M5 | 8 | 30 | 10 | 10 | 1000 |
| 186503570409 | M5 | 8 | 35 | 10 | 10 | 1000 |
| 186504070409 | M5 | 8 | 40 | 10 | 10 | 1000 |

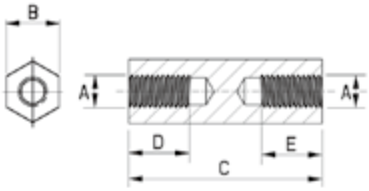
SR6435

## Nylon Hex F/F Spacer

**Natural Nylon**

- For use in electronic appliances





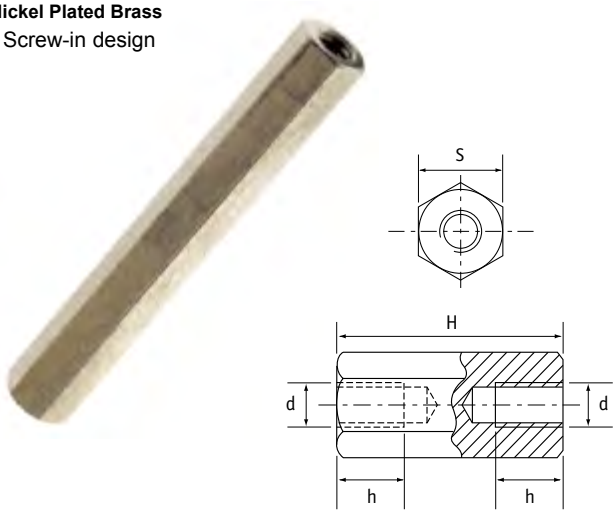

| Part number | Dimensions | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 463899 | M3 | 5.7 | 6 | 3 | 3 | 1000 |
| 303020000002 | M3 | 5.7 | 8 | 4 | 4 | 1000 |
| 463829 | M3 | 5.7 | 10 | 5 | 5 | 1000 |
| 303040000002 | M3 | 5.7 | 12.7 | 6 | 6 | 1000 |
| 303050000002 | M3 | 5.7 | 15 | 7.5 | 7.5 | 1000 |
| 303060000002 | M3 | 5.7 | 18 | 9 | 9 | 1000 |
| 303070000002 | M3 | 5.7 | 20 | 10 | 10 | 1000 |
| 303080000002 | M3 | 5.7 | 22 | 10 | 10 | 1000 |
| 303090000002 | M3 | 5.7 | 25 | 10 | 10 | 1000 |
| 303100000002 | M3 | 5.7 | 30 | 10 | 10 | 1000 |

SR 2701

# Hex Spacer - Female/Female

**Nickel Plated Brass**

• Screw-in design




| Part Number | | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Nickel Plated Brass | Zinc Plated Steel | Stainless Steel | d | S | H | h | |
| 301105040050 | - | - | M2 | 4 | 5 | 2.5 | 100 |
| 301108040050 | - | - | M2 | 4 | 8 | 4 | 100 |
| 301110040050 | - | - | M2 | 4 | 10 | 5 | 100 |
| 301112040050 | - | - | M2 | 4 | 12 | 6 | 100 |
| 301115040050 | - | - | M2 | 4 | 15 | 6 | 100 |
| 301118040050 | - | - | M2 | 4 | 18 | 6 | 100 |
| 301120040050 | - | - | M2 | 4 | 20 | 6 | 100 |
| 301125040050 | - | - | M2 | 4 | 25 | 6 | 50 |
| 301130040050 | - | - | M2 | 4 | 30 | 6 | 50 |
| 301205040050 | - | 301205041556 | M2.5 | 5 | 5 | 2.5 | 100 |
| 301206040050 | - | - | M2.5 | 5 | 6 | 3 | 100 |
| 301208040050 | - | 301208041556 | M2.5 | 5 | 8 | 4 | 100 |
| 301210040050 | - | 301210041556 | M2.5 | 5 | 10 | 5 | 100 |
| 301211040050 | - | - | M2.5 | 5 | 11 | 5.5 | 100 |
| 301212040050 | - | 301212041556 | M2.5 | 5 | 12 | 6 | 100 |
| 301213040050 | - | - | M2.5 | 5 | 13 | 6.5 | 100 |
| 301215040050 | - | 301215041556 | M2.5 | 5 | 15 | 7.5 | 100 |
| 301218040050 | - | 301218041556 | M2.5 | 5 | 18 | 8 | 100 |
| 301220040050 | - | 301220041556 | M2.5 | 5 | 20 | 8 | 100 |
| 301225040050 | - | - | M2.5 | 5 | 25 | 8 | 100 |
| 301230040050 | - | - | M2.5 | 5 | 30 | 8 | 100 |
| 301235040050 | - | - | M2.5 | 5 | 35 | 8 | 100 |
| 301240040050 | - | - | M2.5 | 5 | 40 | 8 | 100 |
| 301305040050 | 301305041152 | - | M3 | 5 | 5 | 2.5 | 100 |
| 301306040050 | 301306041152 | - | M3 | 5 | 6 | 3 | 100 |
| 301307040050 | - | - | M3 | 5 | 7 | 3.5 | 100 |
| 301308040050 | 301308041152 | - | M3 | 5 | 8 | 4 | 100 |
| 301309040050 | 301309041152 | - | M3 | 5 | 9 | 4.5 | 100 |
| 301310040050 | 301310041152 | - | M3 | 5 | 10 | 5 | 100 |
| 301311040050 | - | - | M3 | 5 | 11 | 5.5 | 100 |
| 301312040050 | 301312041152 | - | M3 | 5 | 12 | 6 | 100 |
| 301313040050 | 301313041152 | - | M3 | 5 | 13 | 6.5 | 100 |
| 301314040050 | 301314041152 | - | M3 | 5 | 14 | 7 | 100 |
| 301315040050 | 301315041152 | - | M3 | 5 | 15 | 7.5 | 100 |
| 301316040050 | 301316041152 | - | M3 | 5 | 16 | 8 | 100 |
| 301317040050 | - | - | M3 | 5 | 17 | 8.5 | 100 |
| 301318040050 | 301318041152 | - | M3 | 5 | 18 | 9 | 100 |
| 301319040050 | - | - | M3 | 5 | 19 | 9 | 100 |
| 301320040050 | 301320041152 | - | M3 | 5 | 20 | 9 | 100 |
| 301325040050 | 301325041152 | - | M3 | 5 | 25 | 10 | 100 |
| 301330040050 | 301330041152 | - | M3 | 5 | 30 | 10 | 100 |
| 301335040050 | 301335041152 | - | M3 | 5 | 35 | 10 | 100 |
| 301340040050 | 301340041152 | - | M3 | 5 | 40 | 10 | 100 |
| 301345040050 | 301345041152 | - | M3 | 5 | 45 | 10 | 50 |
| 301350040050 | 301350041152 | - | M3 | 5 | 50 | 10 | 50 |
| 301355040050 | 301355041152 | - | M3 | 5 | 55 | 10 | 50 |
| 301360040050 | 301360041152 | - | M3 | 5 | 60 | 10 | 50 |
| 301305140050 | 301305141152 | 301305141556 | M3 | 5.5 | 5 | 2.5 | 100 |
| 301308140050 | 301308141152 | 301308141556 | M3 | 5.5 | 8 | 4 | 100 |
| 301310140050 | 301310141152 | 301310141556 | M3 | 5.5 | 10 | 5 | 100 |

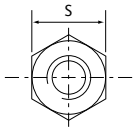
| Part Number | | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Nickel Plated Brass | Zinc Plated Steel | Stainless Steel | d | S | H | h | |
| 301312140050 | 301312141152 | - | M3 | 5.5 | 12 | 6 | 100 |
| 301315140050 | 301315141152 | 301315141556 | M3 | 5.5 | 15 | 7.5 | 100 |
| 301316140050 | - | - | M3 | 5.5 | 16 | 8 | 100 |
| 301318140050 | 301318141152 | - | M3 | 5.5 | 18 | 9 | 100 |
| 301320140050 | 301320141152 | 301320141556 | M3 | 5.5 | 20 | 9 | 100 |
| 301325140050 | 301325141152 | 301325141556 | M3 | 5.5 | 25 | 10 | 100 |
| 301330140050 | 301330141152 | 301330141556 | M3 | 5.5 | 30 | 10 | 100 |
| 301335140050 | 301335141152 | - | M3 | 5.5 | 35 | 10 | 100 |
| 301340140050 | 301340141152 | 301340141556 | M3 | 5.5 | 40 | 10 | 50 |
| 301345140050 | - | - | M3 | 5.5 | 45 | 10 | 50 |
| 301350140050 | 301350141152 | 301350141556 | M3 | 5.5 | 50 | 10 | 50 |
| 301360140050 | 301360141152 | - | M3 | 5.5 | 60 | 10 | 50 |
| - | - | 301312141556 | M3 | 5,5 | 12 | 6 | 50 |
| - | - | 301318141556 | M3 | 5,5 | 18 | 9 | 50 |
| 301405040050 | 301405041152 | - | M4 | 7 | 5 | 2.5 | 100 |
| 301408040050 | 301408041152 | - | M4 | 7 | 8 | 4 | 100 |
| - | 301409041152 | - | M4 | 7 | 9 | 4.5 | 100 |
| 301410040050 | 301410041152 | 301410041556 | M4 | 7 | 10 | 5 | 100 |
| 301411040050 | 301411041152 | - | M4 | 7 | 11 | 5.5 | 100 |
| 301412040050 | 301412041152 | - | M4 | 7 | 12 | 6 | 100 |
| 301413040050 | 301413041152 | - | M4 | 7 | 13 | 6.5 | 100 |
| 301414040050 | 301414041152 | - | M4 | 7 | 14 | 7 | 100 |
| 301415040050 | 301415041152 | 301415041556 | M4 | 7 | 15 | 7.5 | 100 |
| 301416040050 | - | - | M4 | 7 | 16 | 8 | 100 |
| 301417040050 | - | - | M4 | 7 | 17 | 8.5 | 100 |
| 301418040050 | 301418041152 | - | M4 | 7 | 18 | 9 | 100 |
| 301420040050 | 301420041152 | 301420041556 | M4 | 7 | 20 | 10 | 100 |
| 301425040050 | 301425041152 | 301425041556 | M4 | 7 | 25 | 10 | 100 |
| 301430040050 | 301430041152 | 301430041556 | M4 | 7 | 30 | 10 | 50 |
| 301435040050 | 301435041152 | - | M4 | 7 | 35 | 10 | 50 |
| 301440040050 | 301440041152 | 301440041556 | M4 | 7 | 40 | 10 | 50 |
| 301445040050 | 301445041152 | - | M4 | 7 | 45 | 10 | 50 |
| 301450040050 | 301450041152 | 301450041556 | M4 | 7 | 50 | 10 | 50 |
| 301455040050 | 301455041152 | - | M4 | 7 | 55 | 10 | 50 |
| 301460040050 | 301460041152 | - | M4 | 7 | 60 | 10 | 50 |
| - | 301465041152 | - | M4 | 7 | 65 | 10 | 25 |
| 301470040050 | 301470041152 | - | M4 | 7 | 70 | 10 | 25 |
| 301510040050 | 301510041152 | 301510041556 | M5 | 8 | 10 | 5 | 100 |
| 301512040050 | 301512041152 | - | M5 | 8 | 12 | 6 | 100 |
| 301515040050 | 301515041152 | - | M5 | 8 | 15 | 7.5 | 100 |
| - | - | 301515041556 | M5 | 8 | 15 | 7.5 | 50 |
| 301518040050 | 301518041152 | - | M5 | 8 | 18 | 9 | 100 |
| 301520040050 | 301520041152 | 301520041556 | M5 | 8 | 20 | 10 | 50 |
| 301525040050 | 301525041152 | 301525041556 | M5 | 8 | 25 | 10 | 50 |
| 301530040050 | 301530041152 | 301530041556 | M5 | 8 | 30 | 10 | 50 |
| 301535040050 | 301535041152 | - | M5 | 8 | 35 | 10 | 50 |
| 301540040050 | 301540041152 | 301540041556 | M5 | 8 | 40 | 10 | 50 |
| 301545040050 | 301545041152 | - | M5 | 8 | 45 | 10 | 25 |
| 301550040050 | 301550041152 | 301550041556 | M5 | 8 | 50 | 10 | 25 |
| 301555040050 | 301555041152 | - | M5 | 8 | 55 | 10 | 25 |
| 301560040050 | 301560041152 | 301560041556 | M5 | 8 | 60 | 10 | 25 |
| 301570040050 | 301570041152 | - | M5 | 8 | 70 | 10 | 25 |
| - | 301610041152 | - | M6 | 10 | 10 | 5 | 50 |
| - | 301615041152 | - | M6 | 10 | 15 | 7.5 | 50 |
| - | 301618041152 | 301618041556 | M6 | 10 | 18 | 9 | 50 |
| - | 301620041152 | 301620041556 | M6 | 10 | 20 | 10 | 50 |
| - | 301625041152 | 301625041556 | M6 | 10 | 25 | 12 | 50 |
| - | 301630041152 | 301630041556 | M6 | 10 | 30 | 12 | 50 |
| - | 301635041152 | - | M6 | 10 | 35 | 12 | 25 |
| - | 301640041152 | 301640041556 | M6 | 10 | 40 | 12 | 25 |
| - | 301650041152 | 301650041556 | M6 | 10 | 50 | 12 | 25 |
| - | 301655041152 | - | M6 | 10 | 55 | 12 | 25 |
| - | 301660041152 | 301660041556 | M6 | 10 | 60 | 12 | 25 |
| - | 301670041152 | - | M6 | 10 | 70 | 12 | 25 |
| - | 301815041152 | - | M8 | 13 | 15 | 7.5 | 10 |
| - | 301820041152 | - | M8 | 13 | 20 | 10 | 10 |
| - | 301825041152 | - | M8 | 13 | 25 | 12.5 | 10 |
| - | 301830041152 | - | M8 | 13 | 30 | 15 | 10 |
| - | 301835041152 | - | M8 | 13 | 35 | 15 | 10 |
| - | 301840041152 | - | M8 | 13 | 40 | 15 | 10 |
| - | 301850041152 | - | M8 | 13 | 50 | 15 | 10 |
| - | 301860041152 | - | M8 | 13 | 60 | 15 | 10 |
| - | 301870041152 | - | M8 | 13 | 70 | 15 | 10 |

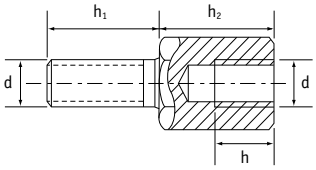
SR 2702

# Hex Spacer - Male/Female

**Nickel Plated Brass / Zinc Plated Steel / Stainless Steel**

- Screw-in design






| Part Number | | | Dimensions | | | | | Std Pack |
|---|---|---|---|---|---|---|---|---|
| Nickel Plated Brass | Zinc Plated Steel | Stainless Steel | d | S | h2 | h1 | h | Qty |
| 304105040050 | - | - | M2 | 4 | 5 | 6 | 3 | 100 |
| 304108040050 | - | - | M2 | 4 | 8 | 6 | 4 | 100 |
| 304110040050 | - | 304110041556 | M2 | 4 | 10 | 6 | 6 | 100 |
| 304112040050 | - | - | M2 | 4 | 12 | 6 | 6 | 100 |
| 304115040050 | - | - | M2 | 4 | 15 | 6 | 6 | 100 |
| 304118040050 | - | - | M2 | 4 | 18 | 6 | 6 | 100 |
| 304120040050 | - | - | M2 | 4 | 20 | 6 | 6 | 100 |
| 304125040050 | - | - | M2 | 4 | 25 | 6 | 6 | 50 |
| 304130040050 | - | - | M2 | 4 | 30 | 6 | 6 | 50 |
| 304205040050 | - | - | M2.5 | 5 | 5 | 6 | 3 | 100 |
| 304206040050 | - | - | M2.5 | 5 | 6 | 6 | 3 | 100 |
| 304207040050 | - | - | M2.5 | 5 | 7 | 6 | 4 | 100 |
| 304208040050 | - | - | M2.5 | 5 | 8 | 6 | 4 | 100 |
| 304210040050 | - | - | M2.5 | 5 | 10 | 6 | 6 | 100 |
| 304211040050 | - | - | M2.5 | 5 | 11 | 6 | 6 | 100 |
| 304212040050 | - | - | M2.5 | 5 | 12 | 6 | 6 | 100 |
| 304215040050 | - | - | M2.5 | 5 | 15 | 6 | 6 | 100 |
| 304218040050 | - | - | M2.5 | 5 | 18 | 6 | 6 | 100 |
| 304220040050 | - | - | M2.5 | 5 | 20 | 6 | 6 | 100 |
| 304225040050 | - | - | M2.5 | 5 | 25 | 6 | 6 | 100 |
| 304230040050 | - | - | M2.5 | 5 | 30 | 6 | 6 | 100 |
| 304305040050 | 304305041152 | - | M3 | 5 | 5 | 8 | 3 | 100 |
| 304306040050 | 304306041152 | - | M3 | 5 | 6 | 8 | 3 | 100 |
| 304307040050 | 304307041152 | - | M3 | 5 | 7 | 8 | 4 | 100 |
| 304308040050 | 304308041152 | - | M3 | 5 | 8 | 8 | 4 | 100 |
| 304309040050 | - | - | M3 | 5 | 9 | 8 | 4 | 100 |
| 304310040050 | 304310041152 | - | M3 | 5 | 10 | 8 | 6 | 100 |
| 304311040050 | - | - | M3 | 5 | 11 | 8 | 6 | 100 |
| 304312040050 | 304312041152 | - | M3 | 5 | 12 | 8 | 8 | 100 |
| 304313040050 | - | - | M3 | 5 | 13 | 8 | 8 | 100 |
| 304314040050 | - | - | M3 | 5 | 14 | 8 | 8 | 100 |
| 304315040050 | 304315041152 | - | M3 | 5 | 15 | 8 | 8 | 100 |
| 304316040050 | - | - | M3 | 5 | 16 | 8 | 8 | 100 |
| 304317040050 | - | - | M3 | 5 | 17 | 8 | 8 | 100 |
| 304318040050 | 304318041152 | - | M3 | 5 | 18 | 8 | 8 | 100 |
| 304320040050 | 304320041152 | - | M3 | 5 | 20 | 8 | 8 | 100 |
| 304325040050 | 304325041152 | - | M3 | 5 | 25 | 10 | 10 | 100 |
| 304330040050 | 304330041152 | - | M3 | 5 | 30 | 10 | 10 | 100 |
| 304335040050 | 304335041152 | - | M3 | 5 | 35 | 10 | 10 | 100 |
| 304340040050 | 304340041152 | - | M3 | 5 | 40 | 10 | 10 | 50 |
| 304345040050 | 304345041152 | - | M3 | 5 | 45 | 10 | 10 | 50 |
| 304350040050 | 304350041152 | - | M3 | 5 | 50 | 10 | 10 | 50 |
| 304355040050 | - | - | M3 | 5 | 55 | 10 | 10 | 50 |
| 304360040050 | 304360041152 | - | M3 | 5 | 60 | 10 | 10 | 50 |
| 304305240050 | - | - | M3 | 5.5 | 5 | 6 | 3 | 100 |
| 304305140050 | 304305141152 | 304305141556 | M3 | 5.5 | 5 | 8 | 3 | 100 |
| 304306240050 | - | - | M3 | 5.5 | 6 | 6 | 3 | 100 |
| 304306140050 | - | - | M3 | 5.5 | 6 | 8 | 3 | 100 |
| 304308240050 | - | - | M3 | 5.5 | 8 | 6 | 4 | 100 |
| 304308140050 | 304308141152 | 304308141556 | M3 | 5.5 | 8 | 8 | 4 | 100 |
| 304310240050 | - | - | M3 | 5.5 | 10 | 6 | 6 | 100 |
| 304310140050 | 304310141152 | 304310141556 | M3 | 5.5 | 10 | 8 | 6 | 100 |
| 304312240050 | - | - | M3 | 5.5 | 12 | 6 | 6 | 100 |
| 304312140050 | 304312141152 | 304312141556 | M3 | 5.5 | 12 | 8 | 8 | 100 |
| 304313140050 | - | - | M3 | 5.5 | 13 | 8 | 8 | 100 |
| 304315240050 | - | - | M3 | 5.5 | 15 | 6 | 6 | 100 |
| 304315140050 | 304315141152 | 304315141556 | M3 | 5.5 | 15 | 8 | 8 | 100 |
| 304318240050 | - | - | M3 | 5.5 | 18 | 6 | 6 | 100 |
| 304318140050 | 304318141152 | 304318141556 | M3 | 5.5 | 18 | 8 | 8 | 100 |
| 304320240050 | - | - | M3 | 5.5 | 20 | 6 | 6 | 100 |
| 304320140050 | 304320141152 | 304320141556 | M3 | 5.5 | 20 | 8 | 8 | 100 |
| 304325240050 | - | - | M3 | 5.5 | 25 | 6 | 6 | 100 |
| 304325140050 | 304325141152 | 304325141556 | M3 | 5.5 | 25 | 10 | 10 | 100 |
| 304330240050 | | | M3 | 5.5 | 30 | 6 | 6 | 100 |

| Part Number | | | Dimensions | | | | | Std Pack |
|---|---|---|---|---|---|---|---|---|
| Nickel Plated Brass | Zinc Plated Steel | Stainless Steel | d | S | h2 | h1 | h | Qty |
| 304330140050 | 304330141152 | 304330141556 | M3 | 5.5 | 30 | 10 | 10 | 100 |
| 304335240050 | - | - | M3 | 5.5 | 35 | 6 | 6 | 50 |
| 304335140050 | 304335141152 | - | M3 | 5.5 | 35 | 10 | 10 | 50 |
| 304340240050 | - | - | M3 | 5.5 | 40 | 6 | 6 | 50 |
| 304340140050 | 304340141152 | 304340141556 | M3 | 5.5 | 40 | 10 | 10 | 50 |
| 304350240050 | - | - | M3 | 5.5 | 50 | 6 | 6 | 50 |
| 304350140050 | 304350141152 | 304350141556 | M3 | 5.5 | 50 | 10 | 10 | 50 |
| 304360140050 | 304360141152 | - | M3 | 5.5 | 60 | 10 | 10 | 50 |
| 304408040050 | 304408041152 | - | M4 | 7 | 8 | 8 | 4 | 100 |
| 304410040050 | 304410041152 | 304410041556 | M4 | 7 | 10 | 8 | 6 | 100 |
| 304412040050 | 304412041152 | - | M4 | 7 | 12 | 8 | 8 | 100 |
| 304415040050 | 304415041152 | 304415041556 | M4 | 7 | 15 | 8 | 8 | 100 |
| 304418040050 | 304418041152 | - | M4 | 7 | 18 | 8 | 8 | 100 |
| 304420040050 | 304420041152 | 304420041556 | M4 | 7 | 20 | 8 | 8 | 100 |
| 304425040050 | 304425041152 | 304425041556 | M4 | 7 | 25 | 10 | 10 | 50 |
| 304430040050 | 304430041152 | 304430041556 | M4 | 7 | 30 | 10 | 10 | 50 |
| 304435040050 | 304435041152 | - | M4 | 7 | 35 | 10 | 10 | 50 |
| 304440040050 | 304440041152 | 304440041556 | M4 | 7 | 40 | 10 | 10 | 50 |
| 304445040050 | 304445041152 | - | M4 | 7 | 45 | 10 | 10 | 50 |
| 304450040050 | 304450041152 | 304450041556 | M4 | 7 | 50 | 10 | 10 | 50 |
| - | 304455041152 | - | M4 | 7 | 55 | 10 | 10 | 50 |
| 304460040050 | 304460041152 | - | M4 | 7 | 60 | 10 | 10 | 25 |
| - | 304465041152 | - | M4 | 7 | 65 | 10 | 10 | 25 |
| 304470040050 | 304470041152 | - | M4 | 7 | 70 | 10 | 10 | 25 |
| - | 304480041152 | - | M4 | 7 | 80 | 10 | 10 | 25 |
| 304510040050 | 304510041152 | 304510041556 | M5 | 8 | 10 | 8 | 6 | 50 |
| 304512040050 | 304512041152 | 304512041556 | M5 | 8 | 12 | 8 | 8 | 50 |
| 304515040050 | 304515041152 | 304515041556 | M5 | 8 | 15 | 8 | 8 | 50 |
| 304518040050 | 304518041152 | 304518041556 | M5 | 8 | 18 | 8 | 8 | 50 |
| 304520040050 | 304520041152 | 304520041556 | M5 | 8 | 20 | 8 | 8 | 50 |
| 304525040050 | 304525041152 | 304525041556 | M5 | 8 | 25 | 10 | 10 | 50 |
| 304530040050 | 304530041152 | 304530041556 | M5 | 8 | 30 | 10 | 10 | 50 |
| 304535040050 | 304535041152 | 304535041556 | M5 | 8 | 35 | 10 | 10 | 25 |
| 304540040050 | 304540041152 | 304540041556 | M5 | 8 | 40 | 10 | 10 | 25 |
| 304545040050 | 304545041152 | - | M5 | 8 | 45 | 10 | 10 | 25 |
| 304550040050 | 304550041152 | 304550041556 | M5 | 8 | 50 | 10 | 10 | 25 |
| - | 304555041152 | - | M5 | 8 | 55 | 10 | 10 | 25 |
| 304560040050 | 304560041152 | 304560041556 | M5 | 8 | 60 | 10 | 10 | 25 |
| - | 304570041152 | 304570041556 | M5 | 8 | 70 | 10 | 10 | 25 |
| - | 304610341152 | 304610341556 | M6 | 10 | 10 | 12 | 6 | 50 |
| - | 304612341152 | 304612341556 | M6 | 10 | 12 | 12 | 8 | 50 |
| - | 304615341152 | 304615341556 | M6 | 10 | 15 | 12 | 8 | 50 |
| - | - | 304618341556 | M6 | 10 | 18 | 12 | 8 | 50 |
| - | 304618341152 | - | M6 | 10 | 18 | 12 | 12 | 50 |
| - | 304620341152 | 304620341556 | M6 | 10 | 20 | 12 | 12 | 50 |
| - | 304625341152 | 304625341556 | M6 | 10 | 25 | 12 | 13 | 50 |
| - | 304630341152 | 304630341556 | M6 | 10 | 30 | 12 | 13 | 25 |
| - | 304635341152 | 304635341556 | M6 | 10 | 35 | 12 | 13 | 25 |
| - | 304640341152 | 304640341556 | M6 | 10 | 40 | 12 | 13 | 25 |
| - | 304650341152 | 304650341556 | M6 | 10 | 50 | 12 | 13 | 25 |
| - | 304660341152 | 304660341556 | M6 | 10 | 60 | 12 | 13 | 25 |
| - | 304670341152 | 304670341556 | M6 | 10 | 70 | 12 | 13 | 25 |
| - | 304680341152 | 304680341556 | M6 | 10 | 80 | 12 | 13 | 25 |
| - | 304690341152 | 304690341556 | M6 | 10 | 90 | 12 | 13 | 25 |
| - | 304815041152 | - | M8 | 13 | 15 | 14 | 8 | 10 |
| - | 304818041152 | - | M8 | 13 | 18 | 14 | 12 | 10 |
| - | 304820041152 | - | M8 | 13 | 20 | 14 | 12 | 10 |
| - | 304825041152 | - | M8 | 13 | 25 | 14 | 15 | 10 |
| - | 304830041152 | - | M8 | 13 | 30 | 14 | 15 | 10 |
| - | 304835041152 | - | M8 | 13 | 35 | 14 | 15 | 10 |
| - | 304840041152 | - | M8 | 13 | 40 | 14 | 15 | 10 |
| - | - | - | M8 | 13 | 50 | 14 | 15 | 10 |
| - | 304860041152 | - | M8 | 13 | 60 | 14 | 15 | 10 |
| - | 304870041152 | - | M8 | 13 | 70 | 14 | 15 | 10 |

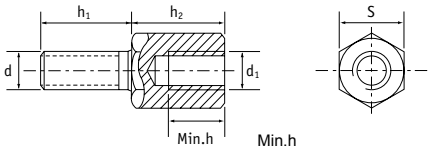
SR 2703

## Hex Spacer - Sub D

**Nickel Plated Brass / Zinc Plated Steel / Stainless Steel**

- Screw-in design
- Used for attaching sub-D Connectors






| Part Number | | | Dimensions (mm) | | | | | | Std Pack |
|---|---|---|---|---|---|---|---|---|---|
| Nickel Plated Brass | Zinc Plated Steel | Stainless Steel | d | d1 | S | h1 | Min.h | h2 | Qty |
| 308104040050 | 308104041152 | 308104041556 | 4 NC | 4 NC | 5 | 6 | 3 | 5 | 100 |
| 308204040050 | 308204041152 | 308204041556 | 4 NC | 4 NC | 5 | 8 | 3 | 5 | 100 |
| 308304040050 | 308304041152 | - | 4 NC | 4 NC | 5 | 12 | 3 | 5 | 100 |
| 308103040050 | 308103041152 | - | 4 NC | M3 | 5 | 6 | 3 | 5 | 100 |
| 308203040050 | 308203041152 | 308203041556 | 4 NC | M3 | 5 | 8 | 3 | 5 | 100 |
| 308102040050 | 308102041152 | 308102041556 | M3 | 4 NC | 5 | 6 | 3 | 5 | 100 |
| 308202040050 | 308202041152 | 308202041556 | M3 | 4 NC | 5 | 8 | 3 | 5 | 100 |
| 308302040050 | 308302041152 | - | M3 | 4 NC | 5 | 12 | 3 | 5 | 100 |
| 308101040050 | 308101041152 | 308101041556 | M3 | M3 | 5 | 6 | 3 | 5 | 100 |
| 308201040050 | 308201041152 | 308201041556 | M3 | M3 | 5 | 8 | 3 | 5 | 100 |
| 308301040050 | 308301041152 | - | M3 | M3 | 5 | 12 | 3 | 5 | 100 |

SCH/SCHS

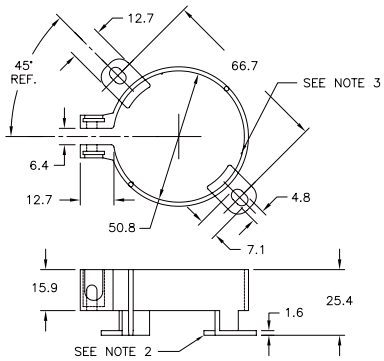
## Standing Capacity Holder

**Black Glass-filled Nylon, RMS-18**

Notes:

1. Clamping hardware; Screw (S6B) Stainless Steel, RMS-357 Zinc Plating, RMS-358;
   Quick Nut (QN-6) Spring Steel C1050, RMS-327
   Coating: Black Phosphate, RMS-356
2. Spacer to elevate capacitor 2.4 from chassis
3. Anti-rotation rib (3 locations)






| Part Number | Description | Std Pack Qty |
|---|---|---|
| SCHS-2 | w/spacer, w/o hardware (Note 1) | 100 |
| SCH-2 | w/o spacer, w/o hardware | 100 |

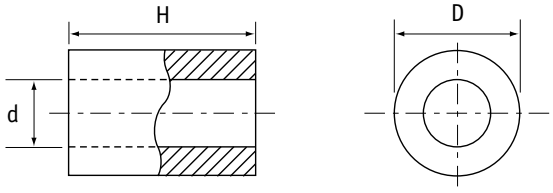
SR 2704

# Round Spacer

**Nickel Plated Brass**

- A versatile universal assembly element for use in all sectors
- Allows for decorative applications, such as displays, furniture, etc



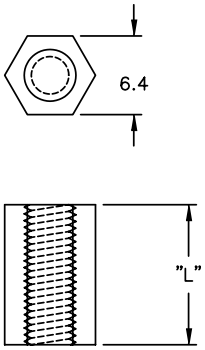



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | D | H | |
| 311220240050 | 2.2 | 4 | 2 | 250 |
| 311221040050 | 2.2 | 4 | 10 | 250 |
| 311250140050 | 2.5 | 5 | 1 | 250 |
| 311250240050 | 2.5 | 5 | 2 | 250 |
| 311250340050 | 2.5 | 5 | 3 | 250 |
| 311250440050 | 2.5 | 5 | 4 | 250 |
| 311250540050 | 2.5 | 5 | 5 | 250 |
| 311250640050 | 2.5 | 5 | 6 | 250 |
| 311250740050 | 2.5 | 5 | 7 | 250 |
| 311250840050 | 2.5 | 5 | 8 | 250 |
| 311252040050 | 2.5 | 5 | 20 | 100 |
| 311320240050 | 3.2 | 6 | 2 | 250 |
| 311320340050 | 3.2 | 6 | 3 | 250 |
| 311320440050 | 3.2 | 6 | 4 | 250 |
| 311320540050 | 3.2 | 6 | 5 | 250 |
| 311320640050 | 3.2 | 6 | 6 | 250 |
| 311320740050 | 3.2 | 6 | 7 | 250 |
| 311320840050 | 3.2 | 6 | 8 | 250 |
| 311321040050 | 3.2 | 6 | 10 | 100 |
| 311321240050 | 3.2 | 6 | 12 | 100 |
| 311321540050 | 3.2 | 6 | 15 | 100 |
| 311320140050 | 3.2 | 6 | 1 | 250 |
| 311320940050 | 3.2 | 6 | 9 | 100 |
| 311322040050 | 3.2 | 6 | 20 | 100 |
| 311322540050 | 3.2 | 6 | 25 | 50 |
| 311323040050 | 3.2 | 6 | 30 | 50 |
| 311430340050 | 4.3 | 8 | 3 | 250 |
| 311430440050 | 4.3 | 8 | 4 | 250 |
| 311430540050 | 4.3 | 8 | 5 | 250 |
| 311430640050 | 4.3 | 8 | 6 | 100 |
| 311430840050 | 4.3 | 8 | 8 | 100 |
| 311431040050 | 4.3 | 8 | 10 | 100 |
| 311431240050 | 4.3 | 8 | 12 | 100 |
| 311431540050 | 4.3 | 8 | 15 | 100 |
| 311432040050 | 4.3 | 8 | 20 | 100 |
| 311430240050 | 4.3 | 8 | 2 | 250 |
| 311430740050 | 4.3 | 8 | 7 | 100 |
| 311431840050 | 4.3 | 8 | 18 | 100 |
| 311432540050 | 4.3 | 8 | 25 | 50 |
| 311433040050 | 4.3 | 8 | 30 | 50 |
| 311433540050 | 4.3 | 8 | 35 | 50 |
| 311434040050 | 4.3 | 8 | 40 | 50 |
| 311530240050 | 5.3 | 10 | 2 | 100 |
| 311530340050 | 5.3 | 10 | 3 | 100 |
| 311530440050 | 5.3 | 10 | 4 | 100 |
| 311530540050 | 5.3 | 10 | 5 | 100 |
| 311530640050 | 5.3 | 10 | 6 | 100 |
| 311530740050 | 5.3 | 10 | 7 | 100 |
| 311530840050 | 5.3 | 10 | 8 | 100 |
| 311531040050 | 5.3 | 10 | 10 | 100 |
| 311531240050 | 5.3 | 10 | 12 | 100 |
| 311531540050 | 5.3 | 10 | 15 | 100 |
| 311531840050 | 5.3 | 10 | 18 | 100 |
| 311532040050 | 5.3 | 10 | 20 | 100 |
| 311532540050 | 5.3 | 10 | 25 | 50 |
| 311533040050 | 5.3 | 10 | 30 | 50 |

HTS

## Hex Threaded Standoff

**Natural Nylon 6/6,RMS-48**



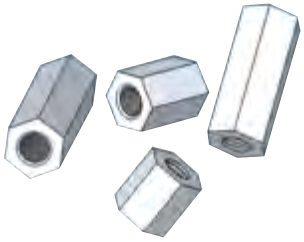


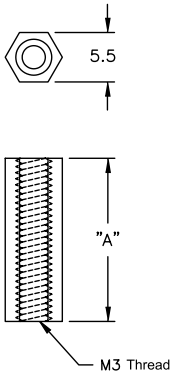

| Part Number | | "L" | Std Pack Qty |
|---|---|---|---|
| #4-40 Thread | #6-32 Thread | | |
| 14HTSP001 | 14HTSP006 | 6.4 | 1000 |
| 14HTSP022 | 14HTSP026 | 7.9 | 1000 |
| 14HTSP002 | 14HTSP007 | 9.5 | 1000 |
| 14HTSP029 | 14HTSP040 | 11.1 | 1000 |
| 14HTSP003 | 14HTSP008 | 12.7 | 1000 |
| 14HTSP024 | 14HTSP038 | 14.3 | 1000 |
| 14HTSP019 | 14HTSP020 | 15.9 | 1000 |
| 14HTSP005 | 14HTSP010 | 25.4 | 1000 |

MTS

## Metric Threaded Standoff

**Natural Nylon 6/6,RMS-74**



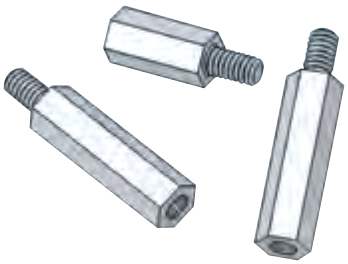



| Part Number | "A" Standoff Height (mm) | Length Tolerance | Std Pack Qty |
|---|---|---|---|
| MTS-6 | 6.35 | ± .25 | 1000 |
| MTS-8 | 8 | ± .25 | 1000 |
| MTS-10S | 10 | ± .25 | 1000 |
| MTS-10 | 10.5 | ± .25 | 1000 |
| MTS-11 | 11 | ± .25 | 1000 |
| MTS-12 | 12 | ± .25 | 1000 |
| MTS-13 | 12.8 | ± .25 | 1000 |
| MTS-14 | 14 | ± .25 | 1000 |
| MTS-16 | 16 | ± .25 | 1000 |
| MTS-18 | 18.2 | ± .25 | 1000 |
| MTS-20 | 20.1 | ± .31 | 1000 |
| MTS-30 | 30 | ± .36 | 1000 |

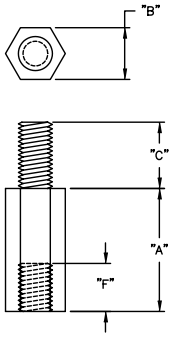
NTS

## Male-Female Metric Threaded Standoff

**Natural Nylon 6/6,RMS-74**



Top Hole:See Table: Thread "S"



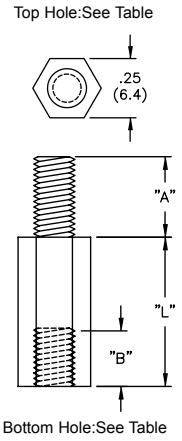

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "F" | "S"&"L" Threads | |
| NTS-7 | 7 | 6 | 6.3 | 6 | M3 | 1000 |
| NTS-12 | 12.7 | 6 | 6.4 | 10 | M3 | 1000 |
| NTS-17.5 | 17.5 | 6 | 6 | 10 | M3 | 1000 |
| NTS-37 | 37.1 | 8 | 5.5 | 8 | M4 | 200 |

MFTS

## Male-Female Metric Threaded Standoff

**Natural,Nylon 6/6,RMS-48**






| Part Number | | "L" Standoff Height | Std Pack |
|---|---|---|---|
| #4-40 Thread | #6-32 Thread | ±0.4(mm) | Qty |
| MFTS4-4-48 | - | 6.4 | 1000 |
| - | MFTS6-5-48 | 7.9 | 1000 |
| - | MFTS6-7-48 | 11.1 | 1000 |
| - | MFTS6-11-48 | 17.5 | 1000 |

| Thread Size | "A" | "B"Min (mm) |
|---|---|---|
| #4-40 | 4.8 | 4.8 |
| #6-32 | 6.4 | 6.4 |
| MFTS6-4-48 | 6.4 | 3.8 |
| MFTS6-5-48 | 6.4 | 5.6 |

HTSN-2\HNSM-2\HTSN-3

## Hex Threaded Standoff

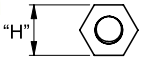
**Black Nylon 6/6, RMS-172**

LINE EXTENSION

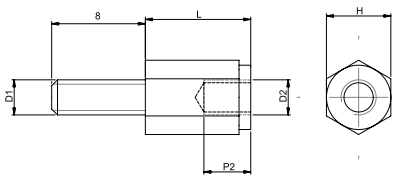


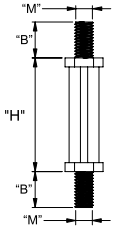
Type 1 Female/Male

| Part Number | Thread D1/D2 | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | "L" | "H" | "P2" | |
| 1317188 | M2.5 | 8 | 5 | 8 | 500 |
| HNSM2.5-10-5-2 | M2.5 | 10 | 5 | 8 | 500 |
| HNSM2.5-15-5-2 | M2.5 | 15 | 5 | 10 | 500 |
| HNSM2.5-20-5-2 | M2.5 | 20 | 5 | 10 | 500 |
| HNSM2.5-25-5-2 | M2.5 | 25 | 5 | 10 | 500 |
| HNSM3-10-5.5-2 | M3 | 10 | 5.5 | 8 | 500 |
| HNSM3-15-5.5-2 | M3 | 15 | 5.5 | 10 | 500 |
| HNSM3-20-5.5-2 | M3 | 20 | 5.5 | 10 | 500 |
| HNSM3-25-5.5-2 | M3 | 25 | 5.5 | 10 | 500 |
| HNSM3-30-5.5-2 | M3 | 30 | 5.5 | 10 | 500 |
| HNSM3-35-5.5-2 | M3 | 35 | 5.5 | 10 | 500 |
| HTSN-M3-5-6-2 | M3 | 5 | 6 | 3 | 500 |
| 552198 | M3 | 8 | 6 | 3 | 500 |
| 552191 | M3 | 10 | 6 | 8 | 500 |
| 552201 | M3 | 12 | 6 | 8 | 500 |
| 552211 | M3 | 15 | 6 | 10 | 500 |
| 1317189 | M3 | 18 | 6 | 10 | 500 |
| 552214 | M3 | 20 | 6 | 10 | 500 |
| HTSN-M3-25-6-2 | M3 | 25 | 6 | 10 | 500 |
| 1317190 | M3 | 30 | 6 | 10 | 500 |
| HTSN-M3-35-6-2 | M3 | 35 | 6 | 10 | 500 |
| HTSN-M3-10-8-2 | M3 | 10 | 8 | 8 | 500 |
| HTSN-M3-15-8-2 | M3 | 15 | 8 | 10 | 500 |
| HTSN-M3-20-8-2 | M3 | 20 | 8 | 10 | 500 |
| HTSN-M3-25-8-2 | M3 | 25 | 8 | 10 | 500 |
| HTSN-M3-30-8-2 | M3 | 30 | 8 | 10 | 500 |
| HTSN-M3-35-8-2 | M3 | 35 | 8 | 10 | 500 |
| HTSN-M4-5-8-2 | M4 | 5 | 8 | 3 | 500 |
| 1306280 | M4 | 8 | 8 | 3 | 500 |
| 552192 | M4 | 10 | 8 | 8 | 500 |
| 552209 | M4 | 12 | 8 | 8 | 500 |
| 552199 | M4 | 15 | 8 | 10 | 500 |
| HTSN-M4-16-8-2 | M4 | 16 | 8 | 10 | 500 |
| 1306279 | M4 | 20 | 8 | 10 | 500 |
| 552195 | M4 | 25 | 8 | 10 | 500 |
| 552194 | M4 | 30 | 8 | 10 | 500 |
| 1317191 | M4 | 35 | 8 | 10 | 500 |
| 1306281 | M5 | 10 | 10 | 8 | 500 |
| HTSN-M5-15-10-2 | M5 | 15 | 10 | 10 | 500 |
| HTSN-M5-20-10-2 | M5 | 20 | 10 | 10 | 500 |
| HTSN-M5-25-10-2 | M5 | 25 | 10 | 10 | 500 |
| HTSN-M5-30-10-2 | M5 | 30 | 10 | 10 | 500 |
| HTSN-M5-35-10-2 | M5 | 35 | 10 | 10 | 500 |
| 1317192 | M5 | 40 | 10 | 10 | 500 |




Type 1




Type 2

Type 2 Male/Male

| Part Number | Thread | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | "L" | "H" | "B" | |
| HTSN-M2.5-5-3 | M2.5 | 5 | 5 | 6 | 500 |
| HTSN-M2.5-10-3 | M2.5 | 10 | 5 | 6 | 500 |
| HTSN-M2.5-12-3 | M2.5 | 12 | 5 | 6 | 500 |
| HTSN-M2.5-15-3 | M2.5 | 15 | 5 | 6 | 500 |
| HTSN-M2.5-20-3 | M2.5 | 20 | 5 | 6 | 500 |
| HTSN-M3-5-3 | M3 | 5 | 6 | 6 | 500 |
| HTSN-M3-8-3 | M3 | 8 | 6 | 6 | 500 |
| HTSN-M3-10-3 | M3 | 10 | 6 | 6 | 500 |
| HTSN-M3-12-3 | M3 | 12 | 6 | 6 | 500 |
| HTSN-M3-15-3 | M3 | 15 | 6 | 6 | 500 |
| HTSN-M3-20-3 | M3 | 20 | 6 | 6 | 500 |
| HTSN-M4-5-3 | M4 | 5 | 6 | 6.4 | 500 |
| HTSN-M4-8-3 | M4 | 8 | 6 | 6.4 | 500 |
| HTSN-M4-12-3 | M4 | 12 | 6 | 6.4 | 500 |
| HTSN-M4-15-3 | M4 | 15 | 6 | 6.4 | 500 |
| HTSN-M4-20-3 | M4 | 20 | 6 | 6.4 | 500 |

HTSN-1/HNSM-1

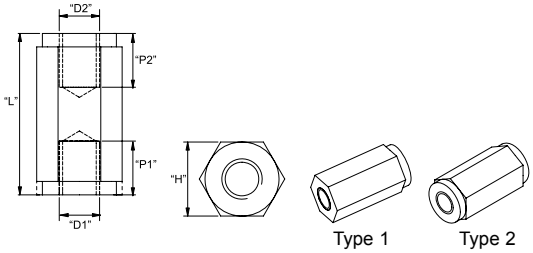
# Hex Threaded Standoff

**Black Nylon 6, 25% Glass Filled, RMS-173**

LINE EXTENSION

| Part Number | Thread | Dimensions (mm) | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "L" | "H" | "P1/P2" | | |
| 1306268 | M2 | 5 | 5 | Full Thread | 1 | 500 |
| 1306267 | M2 | 10 | 5 | Full Thread | 1 | 500 |
| HTSN-M2-15-5-1 | M2 | 15 | 5 | Full Thread | 1 | 500 |
| HTSN-M2-20-5-1 | M2 | 20 | 5 | Full Thread | 1 | 500 |
| HSNM2.5-5-5-1 | M2.5 | 5 | 5 | Full Thread | 1 | 500 |
| 552200 | M2.5 | 10 | 5 | Full Thread | 1 | 500 |
| 552215 | M2.5 | 12 | 5 | Full Thread | 1 | 500 |
| HSNM2.5-15-5-1 | M2.5 | 15 | 5 | Full Thread | 1 | 500 |
| HSNM2.5-20-5-1 | M2.5 | 20 | 5 | Full Thread | 1 | 500 |
| 552222 | M2.5 | 25 | 5 | 10 | 1 | 500 |
| HSNM3-10-5.5-1 | M3 | 10 | 5.5 | Full Thread | 2 | 500 |
| HSNM3-15-5.5-1 | M3 | 15 | 5.5 | Full Thread | 2 | 500 |
| HSNM3-20-5.5-1 | M3 | 20 | 5.5 | Full Thread | 2 | 500 |
| HSNM3-25-5.5-1 | M3 | 25 | 5.5 | 10 | 2 | 500 |
| HSNM3-30-5.5-1 | M3 | 30 | 5.5 | 10 | 2 | 500 |
| 1306271 | M3 | 8 | 6 | Full Thread | 1 | 500 |
| 552206 | M3 | 10 | 6 | Full Thread | 1 | 500 |
| 552190 | M3 | 12 | 6 | Full Thread | 1 | 500 |
| 552196 | M3 | 15 | 6 | Full Thread | 1 | 500 |
| 552204 | M3 | 18 | 6 | Full Thread | 1 | 500 |
| 1306269 | M3 | 20 | 6 | Full Thread | 1 | 500 |
| 552216 | M3 | 25 | 6 | 10 | 1 | 500 |
| 1306270 | M3 | 30 | 6 | 10 | 1 | 500 |
| HTSN-M3-10-7-1 | M3 | 10 | 7 | Full Thread | 1 | 500 |
| HTSN-M3-15-7-1 | M3 | 15 | 7 | Full Thread | 1 | 500 |
| HTSN-M3-20-7-1 | M3 | 20 | 7 | Full Thread | 1 | 500 |
| HTSN-M3-25-7-1 | M3 | 25 | 7 | 10 | 1 | 500 |
| HTSN-M3-30-7-1 | M3 | 30 | 7 | 10 | 1 | 500 |
| HTSN-M3-10-8-1 | M3 | 10 | 8 | Full Thread | 1 | 500 |
| HTSN-M3-15-8-1 | M3 | 15 | 8 | Full Thread | 1 | 500 |
| HTSN-M3-20-8-1 | M3 | 20 | 8 | Full Thread | 1 | 500 |
| HTSN-M3-25-8-1 | M3 | 25 | 8 | 10 | 1 | 500 |
| HTSN-M3-30-8-1 | M3 | 30 | 8 | 10 | 1 | 500 |
| 1306272 | M4 | 10 | 8 | Full Thread | 1 | 500 |
| 1306273 | M4 | 12 | 8 | Full Thread | 1 | 500 |
| 552205 | M4 | 15 | 8 | Full Thread | 1 | 500 |
| 1306274 | M4 | 18 | 8 | Full Thread | 1 | 500 |
| 552203 | M4 | 20 | 8 | Full Thread | 1 | 500 |
| 1306275 | M4 | 25 | 8 | 10 | 1 | 500 |
| 552207 | M4 | 30 | 8 | 10 | 1 | 500 |
| 1306276 | M4 | 35 | 8 | 10 | 1 | 500 |
| 552208 | M4 | 40 | 8 | 10 | 1 | 500 |
| HTSN-M4-10-10-1 | M4 | 10 | 10 | Full Thread | 1 | 500 |
| HTSN-M4-15-10-1 | M4 | 15 | 10 | Full Thread | 1 | 500 |
| HTSN-M4-20-10-1 | M4 | 20 | 10 | Full Thread | 1 | 500 |
| HTSN-M4-25-10-1 | M4 | 25 | 10 | 10 | 1 | 500 |
| HTSN-M4-30-10-1 | M4 | 30 | 10 | 10 | 1 | 500 |
| HTSN-M5-10-10-1 | M5 | 10 | 10 | Full Thread | 1 | 500 |
| HTSN-M5-15-10-1 | M5 | 15 | 10 | Full Thread | 1 | 500 |
| HTSN-M5-20-10-1 | M5 | 20 | 10 | Full Thread | 1 | 500 |
| HTSN-M5-25-10-1 | M5 | 25 | 10 | 10 | 1 | 500 |
| HTSN-M5-30-10-1 | M5 | 30 | 10 | 10 | 1 | 500 |



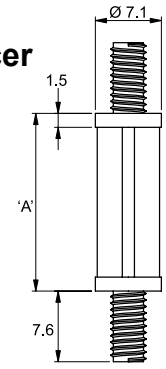


CBS-TMM

## Circuit Board Stacking Spacer

**Natural UL94 V-2 Nylon 6/6, RMS-01**





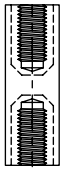

| Part Number | | "A" Standoff Height (mm) | Std Pack Qty |
|---|---|---|---|
| #6-32 Thread | M4 Thread | | |
| CBS-TMM-4-01 | CBS-TMM-M4-4-01 | 6.4 | 1000 |
| CBS-TMM-6-01 | CBS-TMM-M4-6-01 | 9.5 | 1000 |
| CBS-TMM-8-01 | CBS-TMM-M4-8-01 | 12.7 | 1000 |
| CBS-TMM-10-01 | CBSTMM-M4-10-01 | 15.9 | 1000 |

SEE TABLE FOR THREAD DETAIL AT BOTH ENDS

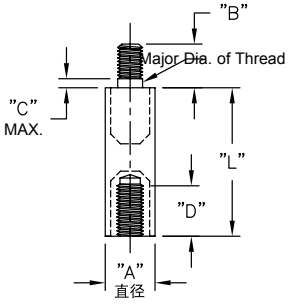
TN

## Low Voltage Insultators

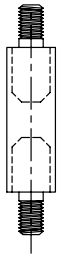
**Natural UL94 V2 Nylon 6/6, RMS-133**
**Inserts: RMS-231**



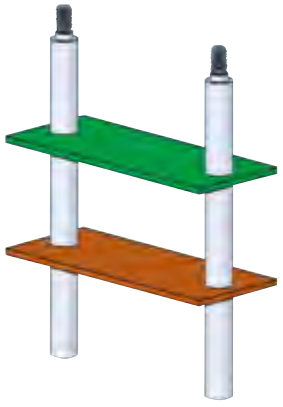
Type 1
Female/Female




Type 2
Female/Male



Type 3
Male/Male



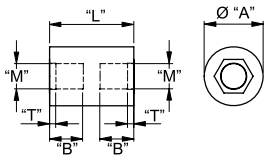
| Part Number | "M" Thread | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | "L" | "A" | "B" | "C" | "D" | |
| TN4-12-632-SYLYE | #6-32 | 19.1 | 6.4 | 6.4 | 1.6 | 4.4 | 100 |
| TN4-20-632-STYLE | #6-32 | 31.8 | 6.4 | 6.4 | 1.6 | 4.4 | 100 |
| TN6-16-832-STYLE | #8-32 | 25.4 | 9.5 | 6.4 | 1.6 | 4.8 | 100 |
| TN8-28-1024-STYLE | #10-24 | 44.5 | 12.7 | 7.1 | 2.4 | 4.8 | 100 |
| TN10-32-1/420-STYLE | 1/4-20 | 50.8 | 15.9 | 11.1 | 3.2 | 8.3 | 100 |

* Replace "STYLE" in the part number with required configuration. 1=Female/Female,2=Female/Male,3=Male/Male

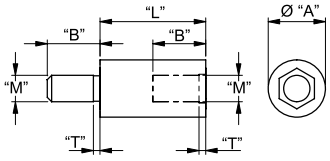
TNM

## Metric Low Voltage Insulators

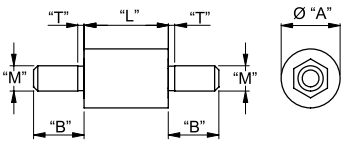
**Natural UL94 V2 Nylon 6/6, RMS-133**
**Inserts: Brass, RMS-231**




Type 1
Female/Female




Type 2
Female/Male




Type 3
Male/Male



| Part Number | "M" Thread | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | "L" | | | "A" | "B" | "T" | |
| TNM2.5-6.5-L-STYLE | M2.5 | 10 | 15 | 20 | 6.5 | 6 | 0.68 | 1000 |
| TNM3-6.5-10-2 | M3 | 10 | - | - | 6.6 | 6 | 0.75 | 100 |
| TNM4-9.5-L-STYLE | M4 | - | 16 | - | 9.5 | 10 | 1.05 | 1000 |

* Replace "STYLE" in the part number with required configuration.
1=Female/Female,2=Female/Male,3=Male/Male

HSM

## Metric Hex Low Voltage Insulators

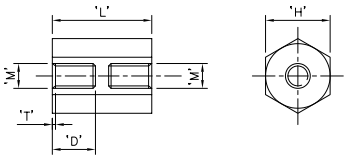
**Natural Nylon 6, RMS-133**
**Insert: Brass, RMS-231**

• Voltage breakdown > 11,000 volts/mm

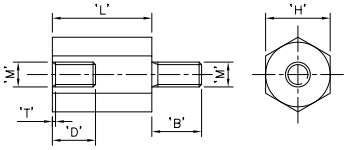


| Part Number | | | "M" | "H" | "B" | "D" | "T" | "L" | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Female/Female | Female/Male | Male/Male | | | | | | | |
| HSM2.5-6.4-15-1 | HSM2.5-6.4-15-2 | HSM2.5-6.4-15-3 | M2.5 | 6.4 | 6 | 6 | 0.68 | 15 | 100 |
| HSM2.5-6.4-20-1 | HSM2.5-6.4-20-2 | HSM2.5-6.4-20-3 | M2.5 | 6.4 | 6 | 6 | 0.68 | 20 | 100 |
| - | HSM2.5-6.4-25-2 | HSM2.5-6.4-25-3 | M2.5 | 6.4 | 6 | 6 | 0.68 | 25 | 100 |
| HSM3-6.4-15-1 | HSM3-6.4-15-2 | HSM3-6.4-15-3 | M3 | 6.4 | 6 | 6 | 0.75 | 15 | 100 |
| HSM3-6.4-16-1 | HSM3-6.4-16-2 | HSM3-6.4-16-3 | M3 | 6.4 | 6 | 6 | 0.75 | 16 | 100 |
| HSM3-6.4-20-1 | HSM3-6.4-20-2 | HSM3-6.4-20-3 | M3 | 6.4 | 6 | 6 | 0.75 | 20 | 100 |
| HSM3-6.4-25-1 | HSM3-6.4-25-2 | - | M3 | 6.4 | 6 | 6 | 0.75 | 25 | 100 |
| HSM3-6.4-30-1 | HSM3-6.4-30-2 | HSM3-6.4-30-3 | M3 | 6.4 | 6 | 6 | 0.75 | 30 | 100 |
| HSM3-6.4-40-1 | HSM3-6.4-40-2 | HSM3-6.4-40-3 | M3 | 6.4 | 6 | 6 | 0.75 | 40 | 100 |
| HSM3-6.4-45-1 | HSM3-6.4-45-2 | - | M3 | 6.4 | 6 | 6 | 0.75 | 45 | 100 |
| HSM4-8-15-1 | HSM4-8-15-2 | - | M4 | 8 | 6 | 6 | 1.05 | 15 | 100 |
| HSM4-8-20-1 | - | HSM4-8-20-3 | M4 | 8 | 6 | 6 | 1.05 | 20 | 100 |
| HSM4-8-25-1 | HSM4-8-25-2 | HSM4-8-25-3 | M4 | 8 | 6 | 6 | 1.05 | 25 | 100 |
| HSM4-8-30-1 | - | HSM4-8-30-3 | M4 | 8 | 6 | 6 | 1.05 | 30 | 100 |
| HSM4-8-40-1 | HSM4-8-40-2 | HSM4-8-40-3 | M4 | 8 | 6 | 6 | 1.05 | 40 | 100 |
| HSM4-8-45-1 | HSM4-8-45-2 | - | M4 | 8 | 6 | 6 | 1.05 | 45 | 100 |
| HSM4-8-50-1 | HSM4-8-50-2 | HSM4-8-50-3 | M4 | 8 | 6 | 6 | 1.05 | 50 | 100 |
| - | HSM5-9.5-25-2 | HSM5-9.5-25-3 | M5 | 9.5 | 10 | 10 | 1.2 | 25 | 100 |
| HSM5-9.5-30-1 | HSM5-9.5-30-2 | - | M5 | 9.5 | 10 | 10 | 1.2 | 30 | 100 |
| HSM5-9.5-40-1 | HSM5-9.5-40-2 | - | M5 | 9.5 | 10 | 10 | 1.2 | 40 | 100 |
| HSM5-9.5-45-1 | HSM5-9.5-45-2 | HSM5-9.5-45-3 | M5 | 9.5 | 10 | 10 | 1.2 | 45 | 100 |
| HSM5-9.5-50-1 | - | HSM5-9.5-50-3 | M5 | 9.5 | 10 | 10 | 1.2 | 50 | 100 |
| HSM6-12.7-25-1 | HSM6-12.7-25-2 | - | M6 | 12.7 | 12.7 | 12.7 | 1.5 | 25 | 100 |
| HSM6-12.7-30-1 | HSM6-12.7-30-2 | HSM6-12.7-30-3 | M6 | 12.7 | 12.7 | 12.7 | 1.5 | 30 | 100 |
| HSM6-12.7-40-1 | HSM6-12.7-40-2 | HSM6-12.7-40-3 | M6 | 12.7 | 12.7 | 12.7 | 1.5 | 40 | 100 |
| HSM6-12.7-45-1 | HSM6-12.7-45-2 | HSM6-12.7-45-3 | M6 | 12.7 | 12.7 | 12.7 | 1.5 | 45 | 100 |
| HSM6-12.7-50-1 | HSM6-12.7-50-2 | HSM6-12.7-50-3 | M6 | 12.7 | 12.7 | 12.7 | 1.5 | 50 | 100 |

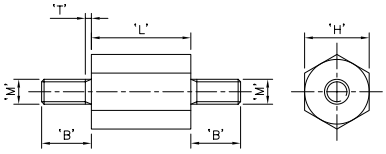
Female/Female




Female/Male




Male/Male




MTNSP

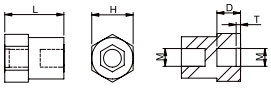
## Metric Micro Low Voltage Insulators

**Natural Nylon 6, RMS-133**
**Insert: Brass, RMS-231**

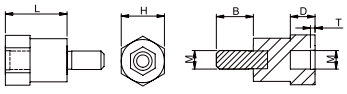
• Voltage breakdown > 11,000 volts/mm

| Part Number | "M" Thread | "M" | "L" | "H" Body Diameter | "B" Stud Length | "D" Insert Depth | "T" | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| MTNSP-M2.5-10-1 | Female/Female | M2.5 | 10 | 6 | - | 4 | 0.68 | 100 |
| MTNSP-M2.5-12-1 | Female/Female | M2.5 | 12 | 6 | - | 4 | 0.68 | 100 |
| MTNSP-M3-10-1 | Female/Female | M3 | 10 | 7 | - | 4 | 0.75 | 100 |
| MTNSP-M3-12-1 | Female/Female | M3 | 12 | 7 | - | 4 | 0.75 | 100 |
| MTNSP-M2.5-10-2 | Female/Male | M2.5 | 10 | 6 | 6 | 4 | 0.68 | 100 |
| MTNSP-M2.5-12-2 | Female/Male | M2.5 | 12 | 6 | 6 | 4 | 0.68 | 100 |
| MTNSP-M3-8-2 | Female/Male | M3 | 8 | 7 | 6 | 4 | 0.75 | 100 |
| MTNSP-M3-10-2 | Female/Male | M3 | 10 | 7 | 6 | 4 | 0.75 | 100 |
| MTNSP-M3-12-2 | Female/Male | M3 | 12 | 7 | 6 | 4 | 0.75 | 100 |
| MTNSP-M2.5-10-3 | Male/Male | M2.5 | 10 | 6 | 6 | - | - | 100 |
| MTNSP-M2.5-12-3 | Male/Male | M2.5 | 12 | 6 | 6 | - | - | 100 |
| MTNSP-M3-10-3 | Male/Male | M3 | 10 | 6 | 6 | - | - | 100 |
| MTNSP-M3-12-3 | Male/Male | M3 | 12 | 6 | 6 | - | - | 100 |
| Unthreaded length=1.5 pitch max. | | | | | | | | |

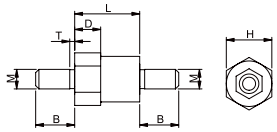
Female/Female




Female/Male




Male/Male

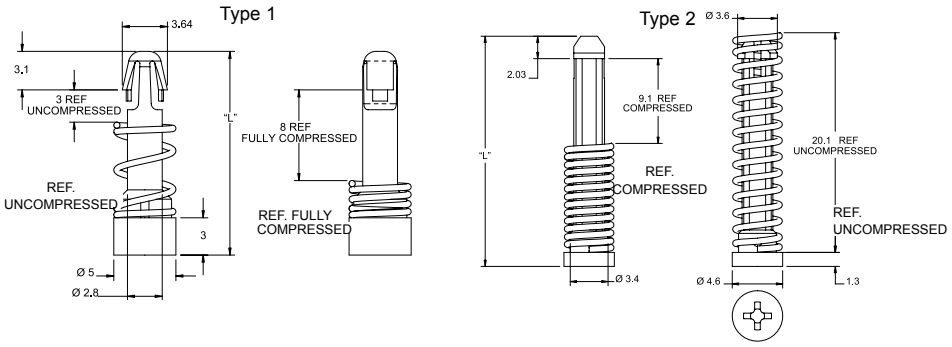





HSR

# Heat Sink Spring Mount Rivet

**Rivet Material: Natural Nylon 6/6, RMS-47**
**Spring Material: Steel, RMS-326**
**Chrome Plated RMS-355**





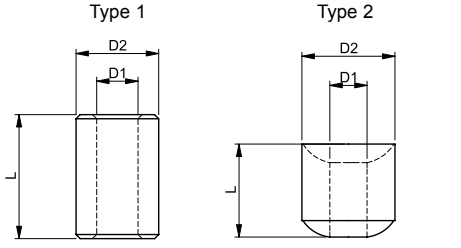

| Part Number | Type | "L" | Heat Sink | Hole Chassis Hole | Std Pack Qty |
|---|---|---|---|---|---|
| HSR-1 | 1 | 16.4 | 3.18 | 3 | 1000 |
| HSR-2 | 2 | 20.9 | 3.05 | 3.1 | 1000 |

CER

# Ceramic Spacer

**Natural Steatite C220 Ceramic, RMS-170**

- Max. operating temperature: 1000ºC
- Parts are stackable as seen in application photo






| Part Number | "D1" | "D2" | "L" | Type | Std Pack Qty |
|---|---|---|---|---|---|
| CER-1 | 2 | 4 | 6 | 1 | 1000 |
| CER-2 | 1.6 | 4.5 | 8 | 1 | 1000 |
| CER-3 | 1.6 | 4.5 | 10 | 1 | 1000 |
| CER-4 | 1 | 3 | 3 | 2 | 1000 |
| CER-5 | 1.8 | 4.5 | 4.5 | 2 | 1000 |
| CER-6 | 1 | 3 | 5 | 2 | 1000 |
| CER-7 | 2.5 | 5 | 5 | 3 | 1000 |

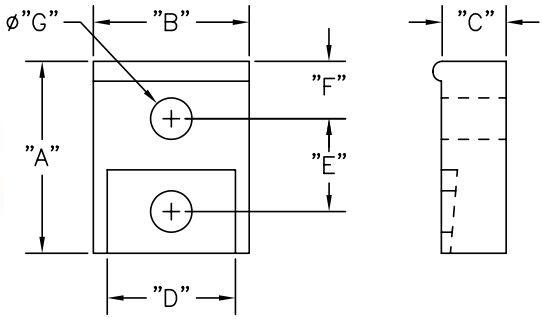
HTRTC

## High Temperature Transistor Cover

**White UL94 V0 PBT, RMS-110**

• Max. Temperature: 130ºC





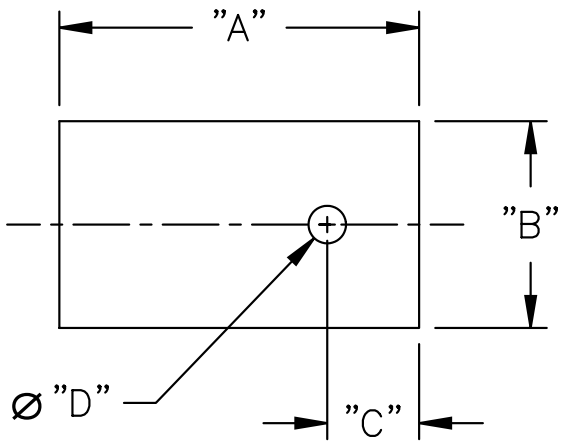

| Part Number | "A" | "B" | "C" | "D" | "E" | "F" | "G" | Transistor Case Style | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| HTRTC-1 | 16 | 13 | 5.4 | 10.7 | 8 | 4.7 | 3.5 | TO-220 | 1000 |
| HTRTC-1A | 19.3 | 13 | 5.4 | 10.7 | 10 | 6 | 3.6 | TO-220 | 1000 |

TO

## Transistor Insulator Pad

**0.18 thick Silicone Rubber and Fiberglass Composite,RMS-33,Gray**

• For use with Richco Part #'s IEC-TO-220, IEC-TO-220V-18, IEC-TO-218 & IEC-TO-3

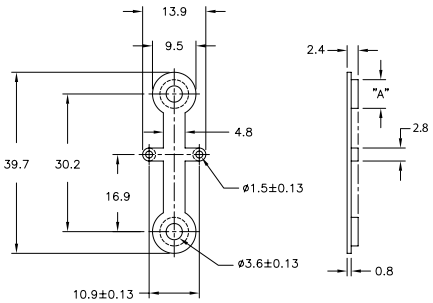


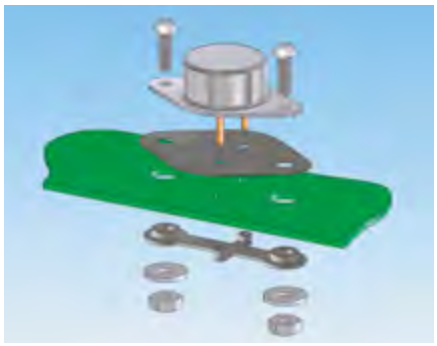

| Part Number | "A" | "B" | "C" | "D" | Std Pack Qty |
|---|---|---|---|---|---|
| TO-220-68 | 28.7 | 16 | 5.1 | 3.7 | 500 |
| TO-218-70 | 35.8 | 20.6 | 9.1 | 3.73 | 500 |

IEC-TO3

## Transistor Insulator

**Black Glass Filled Nylon,RMS-18**



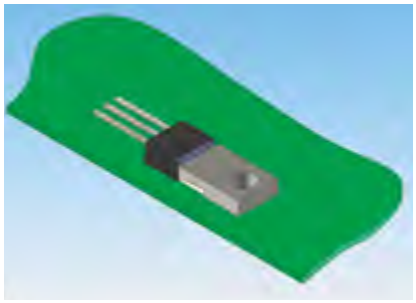
| Part Number | DIA."A" | Std Pack Qty |
|---|---|---|
| IEC-TO3-3-18 | 4.8 | 1000 |

IEC

## Transistor Insulator

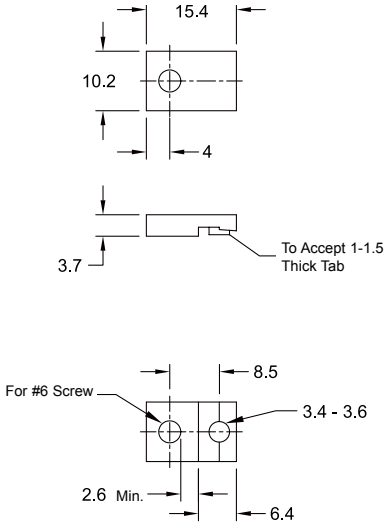
**Black Glass Filled Nylon,RMS-18**



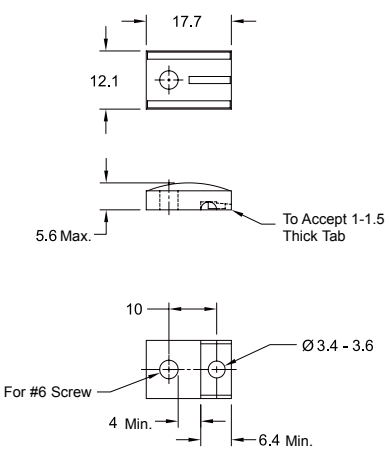


| Part Number | Std Pack Qty |
|---|---|
| IEC-TO-220-18 | 1000 |
| IEC-TO-220V-18 | 1000 |
| IEC-TO-218-18 | 1000 |

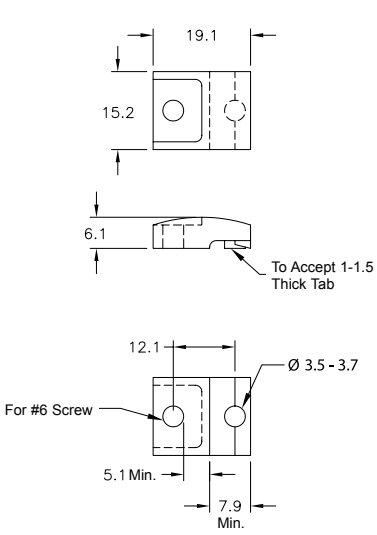
IEC-TO-220-18




IEC-TO-220V-18



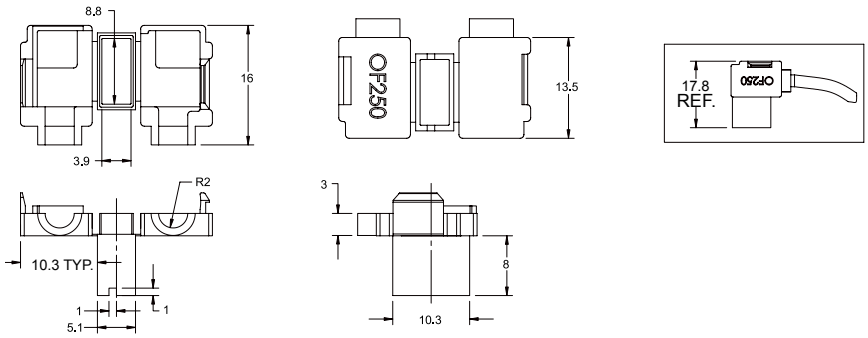

IEC-TO-218-18



OF

## One Touch Sleeve Insulator

**Natural Nylon 6, RMS-120**



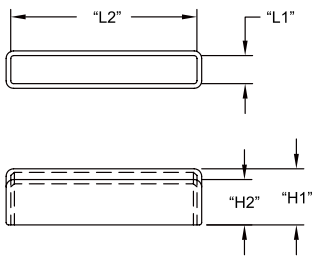


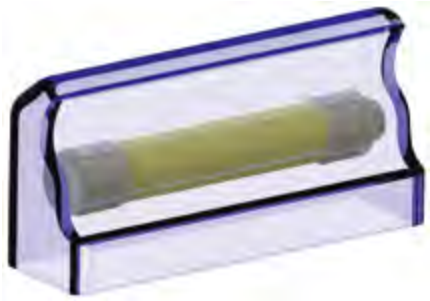

| Part Number | Terminal Type | Wire Ø | Std Pack Qty |
|---|---|---|---|
| OF-250 | Flag Type 250 Series | 3.9 | 500 |

840XXX

## Quick Fit Fuse Cover

**Transparent Blue,Flexible PVC,RMS-55**



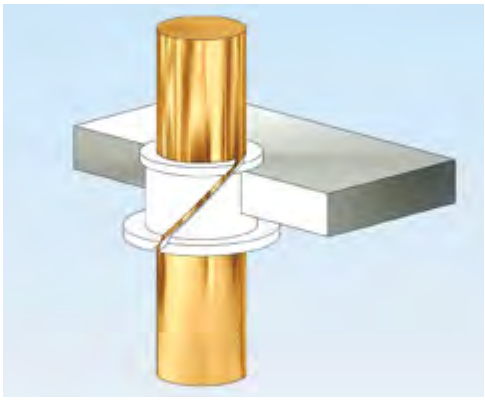
| Part Number | "H1"REF. | "H2"REF. | "L1" | "L2" | Fuse Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| 840620 | 12.7 | 9.9 | 6.1 | 20.1 | Metric | 1000 |
| 840730 | 12.7 | 9.9 | 7.1 | 30 | Metric | 1000 |
| 840832 | 15.9 | 14.7 | 8.1 | 32 | Metric | 1000 |
| 840836 | 12.7 | 9.9 | 8.1 | 36.1 | STD0.25*1.25 | 1000 |

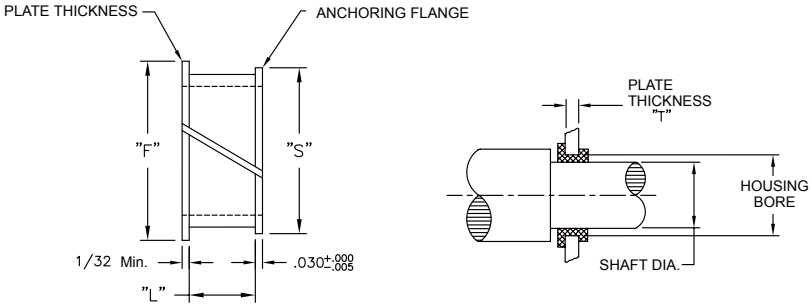
R

# Snap In Bearing

**White Nylon 6/6, RMS-48**

- Effective in damping out noise and vibration
- Does not require lubrication
- Axial slot helps maintain proper fit and compensate for humidity and temperature changes






| Part Number | Max. Shaft Dia. | Min. *Housing Bore (mm) | Bearing I.D.** +.003/-.000 (mm) | Flange Dia. ±1/64 | | Bearing Length "L" +.015/-.000 (mm) | Recommended "F" "S" Plate (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | | "F" | "S" | | | |
| R3L1-C | 3/16 | .234 | .189 | 5/16 | 1/4 | .078 | .040-.075 | 1000 |
| R3L2-C | 3/16 | .234 | .189 | 5/16 | 1/4 | .140 | .072-.135 | 1000 |
| R4L1-C | 1/4 | 5/16 | .251 | 7/16 | 11/32 | .078 | .040-.075 | 1000 |
| R5L1-C | 5/16 | 3/8 | .314 | 1/2 | 13/32 | .078 | .040-.075 | 1000 |
| R6L2-C | 3/8 | 7/16 | .376 | 9/16 | 15/32 | .140 | .072-.135 | 1000 |
| R12L1-C | 3/4 | 13/16 | .751 | 1 | 27/32 | .078 | .040-.075 | 1000 |

* The minimum clearance for snap-in bearing is .001".However,snap in bearings can be used with shaft diameters a few thousands larger or smaller than shown if housing bore is varied a corresponding amount

** When installed in Housing Bore diameter shown

*** All the dimensions are in inch

### Installation

Bearing should always be installed in a housing bore that provides good support for the bearing.
When operated continuously without lubrication at the maximum permissible speed of 500 rpm shafts should be hardended or plated in the bearing area to minimize wear. Unhardened stainless steel shafts are not nickel plated shafts where corrosion is a problem.

LOAD RATINGS

Radial Load Capacity in Pounds of various RPM(Non-Lubricated)

| Part Number | 'Nominal Brg.I.D. | 'Static | 10 RPM | 50 RPM | 100 RPM | 250 RPM |
|---|---|---|---|---|---|---|
| R3L1-C | 3/16 | 24 | 4 | 4 | 3 | 2 |
| R3L2-C | 3/16 | 48 | 9 | 8 | 6 | 4 |
| R4L1-C | 1/4 | 32 | 5 | 5 | 4 | 2 |
| R5L1-C | 5/16 | 40 | 8 | 6 | 4 | 2 |
| R6L2-C | 3/8 | 96 | 19 | 15 | 10 | 4 |
| R12L1-C | 3/4 | 100 | 20 | 14 | 6 | 2.5 |

### Correct Clearances

Housing bore diameters should not be smaller than the minimum diameters specified in tables presented in this catalog.To check bearing I.D.'s for clearance, the bearing should be installed in tis housing bore.Plug gauges with diameters corresponding to the minimum and maximum recommended I.D.'s can be used to determine whether the clearance is correct for the bearing when operated on recommended shaft.

When bearing must operate in liquids, the wall thickness of the bearing will increase due to absorption of liquid. Wall thicknesses also increase when bearings are used in a consistently humid environment.

The compensation gap allows for the bearing to be collapsed sufficiently so that the small flange can be easily spiraled through the mounting hole.Position the bearing over the hole with the gap facing up.With light finger pressure immediately to the left of the compensation gap, the bearing is spirated into position.

Bearing perform effectively in temperature ratings from -40°F to +200 °F.Bearing load ratings to 8,000 PSI and speed ratings up to 2,000 feet per minute insure durability.

ESSENTRA COMPONENTS



# QUICK, ACCURATE AND **SAFE**

Our card guides and pullers make PCB access easier, so you can avoid damage to the circuit boards, ensuring its performance.







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# CARD GUIDES AND PULLERS


**Mounting**

182-185





**Slotted Guides and Pullers**

186-188

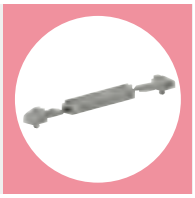




**Special Slotted Guides**

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**Lever Ejectors**

191





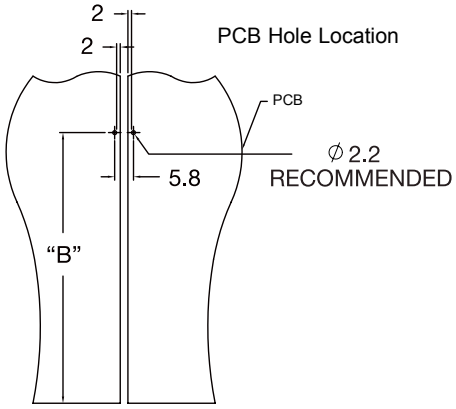
VMCGN

# Vertical Mount Card Guides

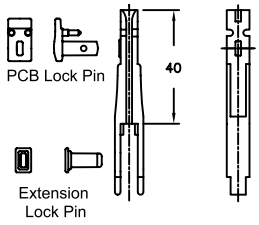
**Card Guide: Blue UL94 V0 Polystyrene, RMS-117**
**Locking Mechanism: White Acetal, RMS-39**
**Screw: Mild Steel, Zinc Plated, RMS-415**
**Threaded Insert: Brass, RMS-231**



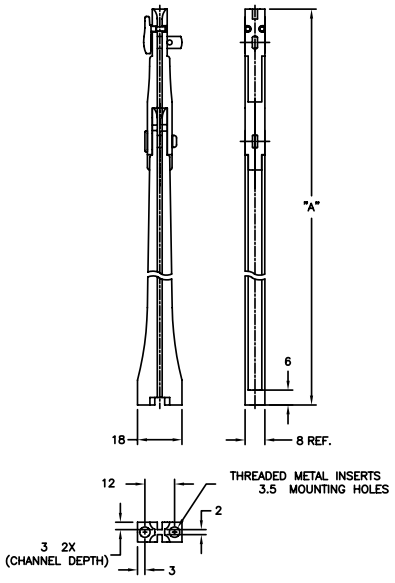
Patented



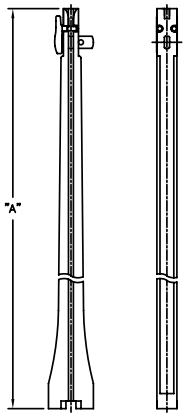

Type 3 Extension



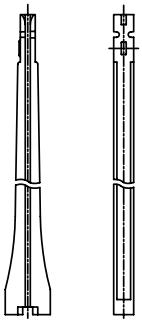

Type 2 + Type 3 Assembly




Type 1 Base




Type 2 Base



| Part Number | Type | Dimensions (mm) | | Threaded Insert | Accepts PCB Thickness | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "A" | "B" | | | |
| VMCGN65-M3-L-K | 1 | 65 | 57 | M3 | 2 | 100 |
| VMCGN65-440-L | 1 | 65 | 57 | 4-40 | 2 | 100 |
| VMCGN105-M3-L-K | 2+3 | 105 | 97 | M3 | 2 | 100 |
| VMCGN120-M3-L-K | 1 | 120 | 112 | M3 | 2 | 100 |
| VMCGN120-440-L | 1 | 120 | 112 | 4-40 | 2 | 100 |
| VMCGN160-M3-L-K | 2+3 | 160 | 152 | M3 | 2 | 100 |

*M3 x 8mm threaded scew, washer and lock washer hardware included

**VMCG**

# Vertical Mount Card Guides

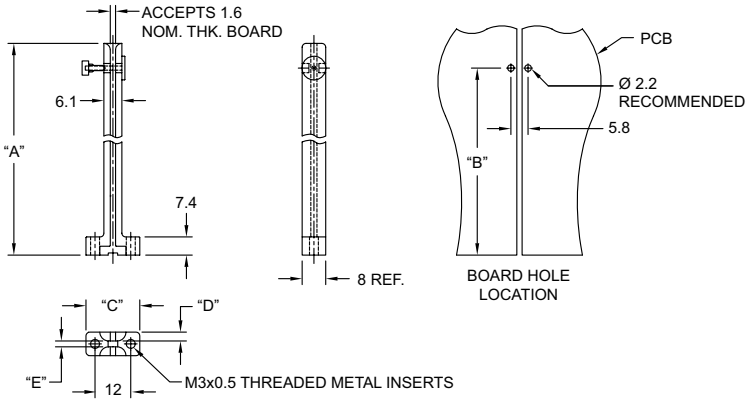
**Card Guide: Grey GF Nylon 6, RMS-38**
**Locking Mechanism: Black HDPE, RMS-284**
**Metal Pin: Stainless Steel, RMS-228**
**Screw: Mild Steel, Zinc Plated, RMS-415**
**Threaded Insert: Brass, RMS-231**

- Includes mounting hardware: screw, washer and lockwasher
- Use M3 Screw (Provided) for mounting hole panel thickness up to 3.18mm

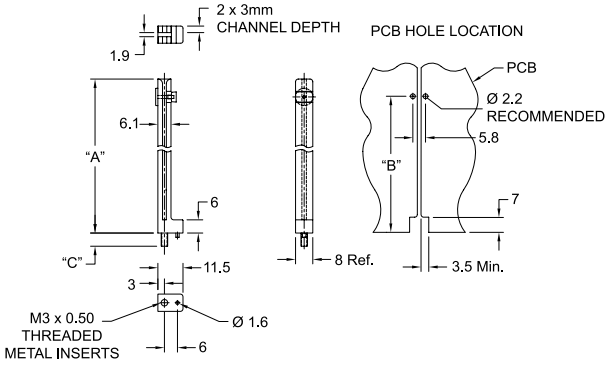


Patented

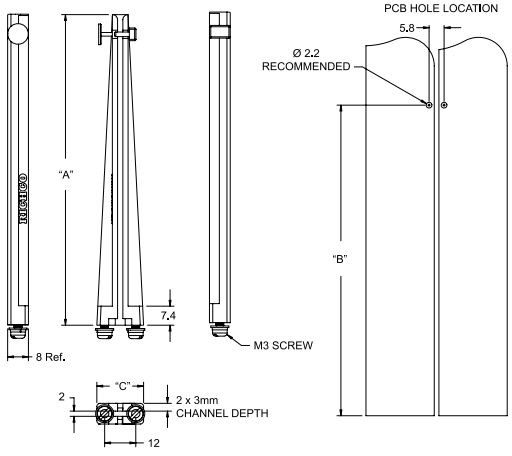
Type 1




Type 2




Type 3



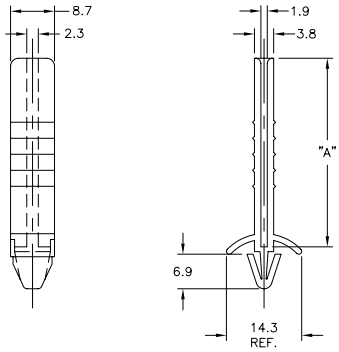

| Part Number | Type | Dimensions (mm) | | | | | Accepts PCB Thickness | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "D" | "E" | | |
| VMCG-50-MPBK-K | 1 | 46.5 | 42.3 | - | 2.6 | 2.7 | 1.6 | 100 |
| VMCG-65-MPBK-K | 1 | 65 | 56.5 | - | 3 | 2 | 1.6 | 100 |
| VMCG-90-MPBK-K | 1 | 90 | 81.5 | - | 3 | 2 | 1.6 | 100 |
| VMCG-135-MPBK-K | 1 | 135 | 126.5 | - | 3 | 2 | 1.6 | 100 |
| VMCG-160-MPBK-K | 1 | 160 | 112.5 | - | 3 | 2 | 1.6 | 100 |
| VMCG-330-MPBK-K | 1 | 120 | 112.5 | - | 3 | 2 | 1.6 | 100 |
| VMCG-100-MPBK-K | 2 | 100 | 92 | 8.9 | - | - | 1.6 | 100 |
| VMCG-70-MPBK-K | 2 | 70.1 | 62.5 | 5.6 | - | - | 1.6 | 100 |
| VMCG-320-MPBK-K | 3 | 120 | 112.5 | 18 | - | - | 1.6 | 100 |
| VMCG-360-MPBK-K | 3 | 160 | 112.5 | 19 | - | - | 1.6 | 100 |

**CBG**

## Circuit Board Guide

**Natural Nylon 6/6, RMS-01**






Mounts Into Hole: Snap-lock into rectangular hole
4.4±0.08x 7.9 ± 0.08

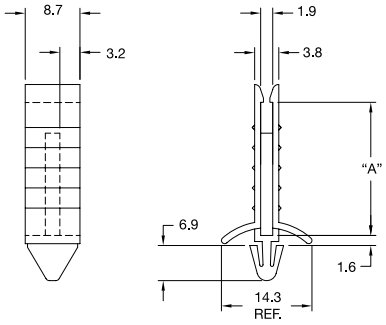
| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| CBG-1-01 | 25.4 | 1.6 | 0.8-1.8 | 100 |
| CBG-1.5-01 | 38.1 | 1.6 | 0.8-1.8 | 100 |
| CBG-2-01 | 50.8 | 1.6 | 0.8-1.8 | 100 |
| CBG-3-01 | 76.2 | 1.6 | 0.8-1.8 | 100 |

**LCBG**

## Locking Circuit Board Guide

**Natural Nylon 6/6, RMS-01**






Mounts Into Hole: Snap-lock into rectangular hole
4.45 ± 0.08 x7.87 ± 0.08

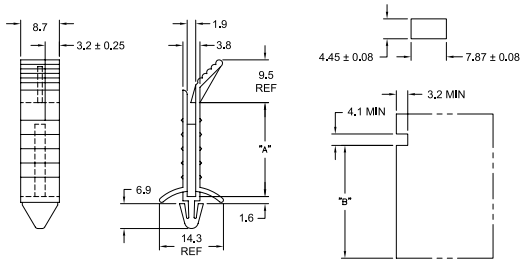
| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| LCBG-1-01 | 22.4 | 1.6 | 0.8-1.8 | 100 |
| LCBG-1.5-01 | 34.9 | 1.6 | 0.8-1.8 | 100 |
| LCBG-2-01 | 47.5 | 1.6 | 0.8-1.8 | 100 |
| LCBG-3-01 | 73 | 1.6 | 0.8-1.8 | 100 |

**LCBG-T**

## Locking Circuit Board Guide

**Natural Nylon 6/6, RMS-01**





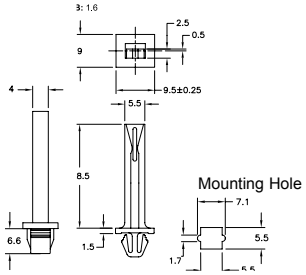

Mounts Into Hole: Snap-Lock into rectangular hole
4.45+/- 0.08 x7.87+/- 0.08 panel thickness 0.78 to 1.78

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | |
| LCBG-1T-01 | 22.4 | 22 | 1.6 | 100 |
| LCBG-1.5T-01 | 34.9 | 34.5 | 1.6 | 100 |
| LCBG-2T-01 | 47.5 | 47.1 | 1.6 | 100 |
| LCBG-3T-01 | 73 | 72.6 | 1.6 | 100 |

**VMCGE**

## Vertical Mount Guide

**Natural Nylon 6/6, RMS-01**




Bottom Hole: Snap-lock:into dimensions above, ± 0.08

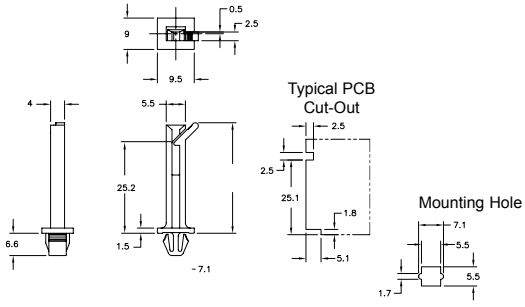
| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| VMCGE-30M-01 | 1.6 | 1.2-1.8 | 1000 |



**VMCGLE**

## Vertical Mount Guide Latched

**Natural Nylon 6/6, RMS-01**




Bottom Hole: Snap-lock: into dimensions above, ± 0.08

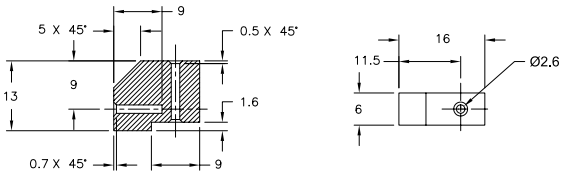
| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| VMCGLE-31M-01 | 1.6 | 1.2-1.8 | 1000 |



**PCB-MB**

## Printed Circuit Board Mounting Block

**Natural Nylon 6/6, RMS-01**




Mounting Holes: Ø 2.6, accepts a self-tapping screw



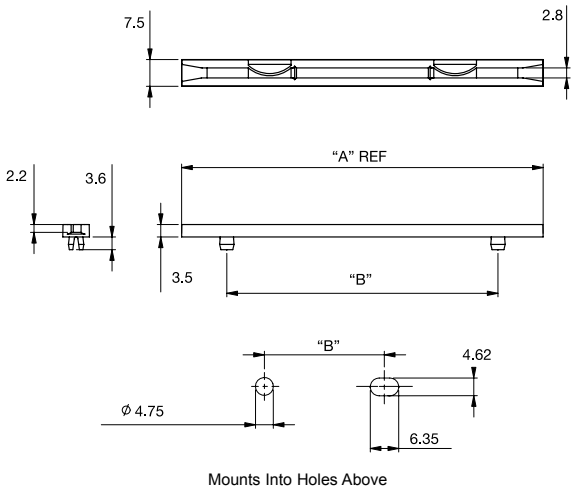
| Part Number | Std Pack Qty |
|---|---|
| PCB-MB-01 | 1000 |

**MPCG**

## Multi Panel Card Guide

**Natural UL94 V0 Nylon 6/6, RMS-19**






Mounts Into Holes Above

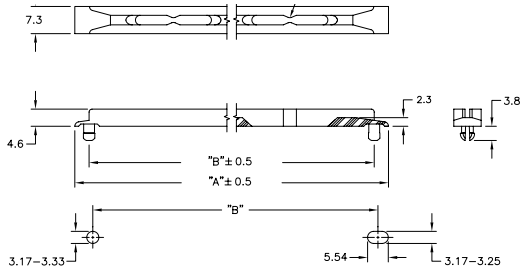
| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| MPCG-250 | 63.5 | 38.1 | 0.8-2 | 0.5-2 | 500 |
| MPCG-300 | 76.2 | 50.8 | 0.8-2 | 0.5-2 | 500 |
| MPCG-400 | 101.6 | 76.2 | 0.8-2 | 0.5-2 | 500 |
| MPCG-550 | 139.7 | 114.4 | 0.8-2 | 0.5-2 | 500 |

**TCG**

## Tension Card Guide

**Black UL94 V0 Polycarbonate, RMS-23**






Mounts Into Holes Above

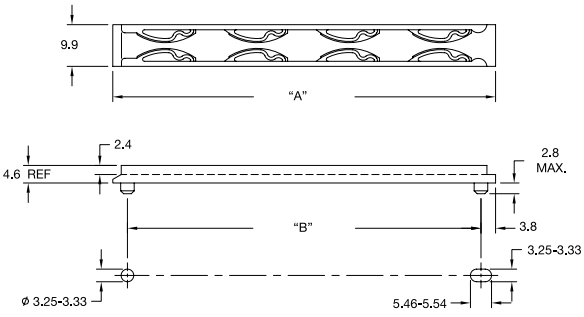
| Part Number | Dimensions (mm) | | | | Number of Grips | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | | |
| TCG1-2.500-23 | 63.5 | 55.9 | 1.6 | 1.6 | 1 | 500 |
| TCG1-3.300-23 | 83.8 | 76.2 | 1.6 | 1.6 | 2 | 500 |
| TCG1-3.925-23 | 99.7 | 92.1 | 1.6 | 1.6 | 2 | 500 |
| TCG1-6.675-23 | 169.5 | 161.9 | 1.6 | 1.6 | 4 | 500 |

**TRCG**

## Tension Rack Card Guide

**Black UL94 V0 Polycarbonate, RMS-23**





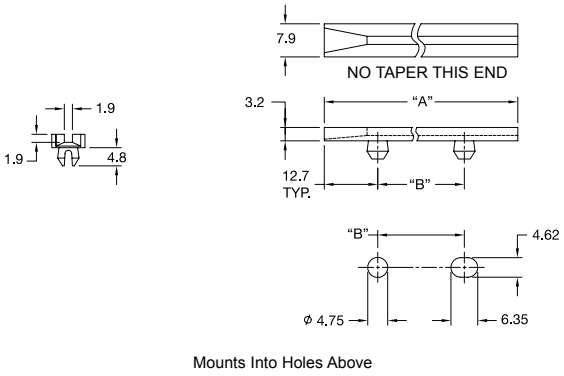

Mounts Into Holes Above

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| TRCG-2.500 | 63.5 | 55.9 | 1.3 - 2.2 | 1.5 - 1.8 | 500 |
| TRCG-3.300 | 83.8 | 76.2 | 1.3 - 2.2 | 1.5 - 1.8 | 500 |
| TRCG-3.925 | 99.7 | 92.1 | 1.3 - 2.2 | 1.5 - 1.8 | 500 |
| TRCG-6.675 | 169.6 | 161.9 | 1.3 - 2.2 | 1.5 - 1.8 | 500 |

**RSFS**

## Snap-In Card Guide

**Natural UL94 V2 Nylon 6/6, RMS-48**




Mounts Into Holes Above

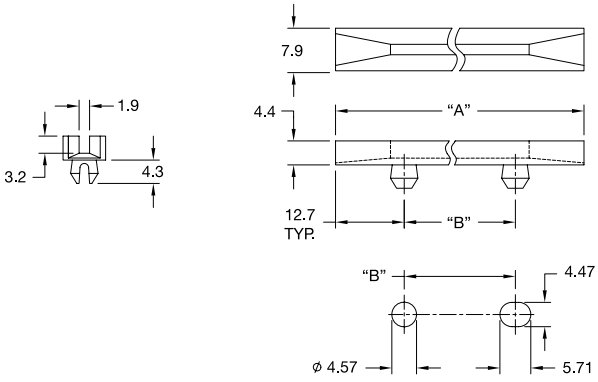


| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| RSFS-250 | 63.5 | 38.1 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-300 | 76.2 | 50.8 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-350 | 88.9 | 63.5 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-400 | 101.6 | 76.2 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-450 | 114.3 | 76.2 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-451 | 114.3 | 88.9 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-500 | 127 | 101.6 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-550 | 139.7 | 114.3 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-600 | 152.4 | 127 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-700 | 177.8 | 152.4 | 1.6 | 1.2 - 2.3 | 500 |
| RSFS-800 | 203.2 | 177.8 | 1.6 | 1.2 - 2.3 | 500 |

**RSDC**

## Snap-In Card Guide

**Natural UL94 V2 Nylon 6/6, RMS-48**




Mounts Into Holes Above

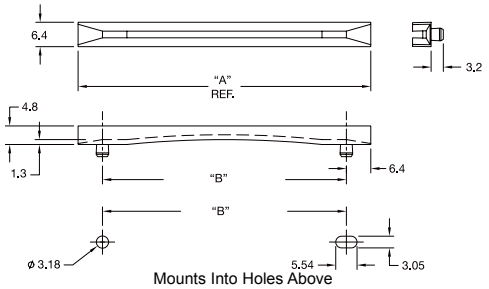


| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| RSDC-250 | 63.5 | 38.1 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-300 | 76.2 | 50.8 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-350 | 88.9 | 63.5 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-400 | 101.6 | 76.2 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-450 | 114.3 | 88.9 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-500 | 127 | 101.6 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-550 | 139.7 | 114.3 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-600 | 152.4 | 127 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-650 | 164.1 | 1377 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-700 | 177.8 | 152.4 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-750 | 190.5 | 165.1 | 1.6 | 1.2 - 2.3 | 500 |
| RSDC-800 | 203.2 | 177.8 | 1.6 | 1.2 - 2.3 | 500 |

**RCG**

## Rack Card Guide

**Natural UL94 V2 Nylon 6/6, RMS-48**




Mounts Into Holes Above



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| RCG-1 | 76.2 | 63.5 | 1.6 | 1.6 | 500 |
| RCG-2 | 101.6 | 88.9 | 1.6 | 1.6 | 500 |
| RCG-3 | 152.4 | 139.7 | 1.6 | 1.6 | 500 |
| RCG-4 | 215.9 | 203.2 | 1.6 | 1.6 | 500 |

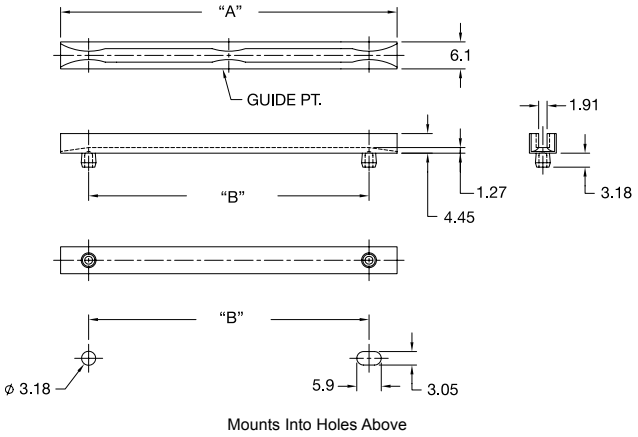
RCGH

## Rack Card Guide Type H

**Natural UL94 V2 Nylon 6/6, RMS-01**



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" REF. | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| RCGH-25 | 63.5 | 50.8 | 1.6 | 1.6 | 500 |
| RCGH-30 | 76.2 | 63.5 | 1.6 | 1.6 | 500 |
| RCGH-35 | 88.9 | 76.2 | 1.6 | 1.6 | 500 |
| RCGH-40 | 101.6 | 88.9 | 1.6 | 1.6 | 500 |
| RCGH-45 | 114.3 | 101.6 | 1.6 | 1.6 | 500 |
| RCGH-50 | 127 | 114.3 | 1.6 | 1.6 | 500 |
| RCGH-55 | 139.7 | 127 | 1.6 | 1.6 | 500 |
| RCGH-60 | 152.4 | 139.7 | 1.6 | 1.6 | 500 |




Mounts Into Holes Above

RN/21CGS Series

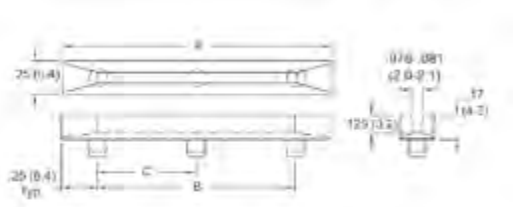
## Snap-in Narrow Card Guide

**Natural UL94 V2 Nylon 6/6, RMS-48**

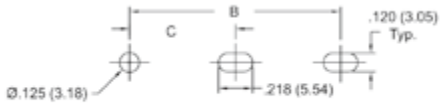
- **Narrow with allows for higher density or optimum air flow**

LINE EXTENSION






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" | "B" REF. | "C" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| 21CGS00250 | 63.5 | 50.8 | - | 1.6 | 1.6 | 500 |
| 21CGS00300 | 76.2 | 63.5 | - | 1.6 | 1.6 | 500 |
| 21CGS00350 | 88.9 | 76.2 | - | 1.6 | 1.6 | 500 |
| 21CGS00400 | 101.6 | 88.9 | - | 1.6 | 1.6 | 500 |
| 21CGS00450 | 114.3 | 101.6 | - | 1.6 | 1.6 | 500 |
| 21CGS00500 | 127 | 114.3 | - | 1.6 | 1.6 | 500 |
| 21CGS00550 | 139.7 | 127 | - | 1.6 | 1.6 | 500 |
| 21CGS00600 | 152.4 | 139.7 | - | 1.6 | 1.6 | 500 |
| RN-650-2 | 164.1 | 152.4 | - | 1.6 | 1.6 | 500 |
| RN-700-3 | 177.8 | 164.1 | 82.2 | 1.6 | 1.6 | 500 |
| RN-750-3 | 190.5 | 177.8 | 88.5 | 1.6 | 1.6 | 500 |
| RN-800-3 | 203.2 | 190.5 | 94.9 | 1.6 | 1.6 | 500 |
| RN-850-3 | 215.9 | 203.2 | 101.6 | 1.6 | 1.6 | 500 |




**Recommended Mounting Holes**

**Mounts into Panel Thickness:** 0.047 - 0.085 (1.2 - 2.2)



**Solid Leg**

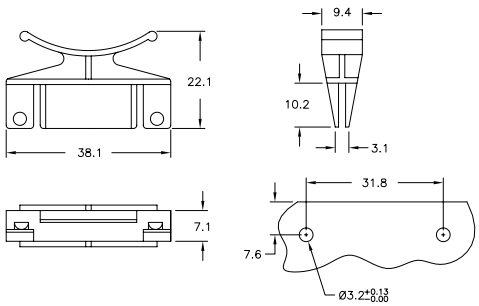
CCP

## Circuit Board Puller

**Natural Nylon 6/6, RMS-01**



| Part Number | Accepts PCB Thickness | Std Pack Qty |
|---|---|---|
| CCP-1-01 | 1.6 | 500 |

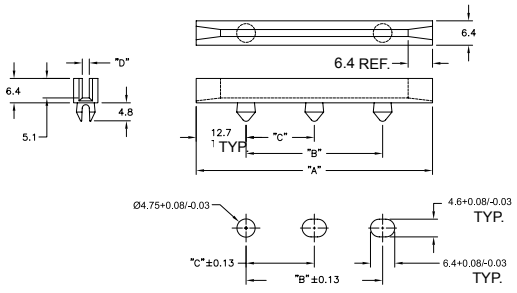


**RDC**

## Deep Channel Card Guide

**Black UL94 V0 Nylon 6/6, RMS-66**






Mounts Into Holes Above

| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | Accepts PCB Thickness | Mounting Hole Panel Thicknes | |
| RDC-250 | 63.5 | 38.1 | - | 2 | 1.6 | 1.2 - 2.3 | 500 |
| RDC-450 | 114.3 | 88.9 | - | 2 | 1.6 | 1.2 - 2.3 | 500 |
| RDC-600 | 152.4 | 127 | - | 2 | 1.6 | 1.2 - 2.3 | 500 |
| RDC-800 | 203.2 | 177.8 | 88.9 | 2 | 1.6 | 1.2 - 2.3 | 500 |
| RDC-450-102 | 114.3 | 88.9 | - | 2.6 | 2.4 | 1.2 - 2.3 | 500 |
| RDC-600-102 | 152.4 | 127 | - | 2.6 | 2.4 | 1.2 - 2.3 | 500 |
| RDC-800-102 | 203.2 | 177.8 | 88.9 | 2.6 | 2.4 | 1.2 - 2.3 | 500 |
| RDC-450-130 | 114.3 | 88.9 | - | 3.4 | 3.2 | 1.2 - 2.3 | 500 |
| RDC-600-130 | 152.4 | 127 | - | 3.4 | 3.2 | 1.2 - 2.3 | 500 |
| RDC-800-130 | 203.2 | 177.8 | 88.9 | 3.4 | 3.2 | 1.2 - 2.3 | 500 |

**ACGC/ACGE**

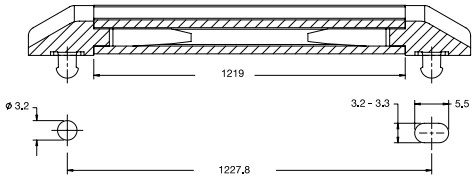
## Adjustable Card Guide

**Natural**



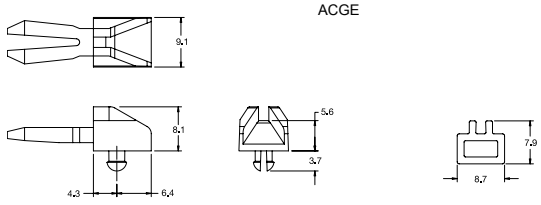
| Part Number | Description | Material | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | | | Accepts PCB Thickness | Mounting Hole Panel Thicknes | |
| ACGE-01 | End Pieces | UL94 V2 Nylon 6/6, RMS-01 | 1.6 | 1.6 | 100 |
| ACGC-4800 | Channel | UL94 V0 PVC, RMS-04 | 1.6 | 1.6 | 25m:25 bag x 1,219mm |

ACGC




Mounts Into Holes Above

ACGE



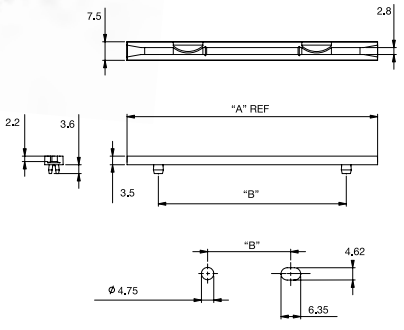

**MPCGCN**

## Electrostatic Card Guide

**Black Conductive Compound, Nylon 6, RMS-392**

- Moulded from conductive compound material
- Surface Resistivity:$10^3$ $\Omega^2$






Mounts Into Holes Above

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| MPCGCN-250 | 63.5 | 38.1 | 0.8-2 | 0.5-2 | 500 |
| MPCGCN-300 | 76.2 | 50.8 | 0.8-2 | 0.5-2 | 500 |
| MPCGCN-400 | 101.6 | 76.2 | 0.8-2 | 0.5-2 | 500 |
| MPCGCN-550 | 139.7 | 114.4 | 0.8-2 | 0.5-2 | 500 |

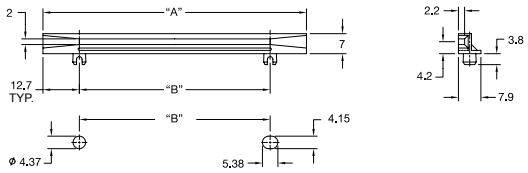
**RSSHG**

## Single Sided Horizontal Card Guide

**Black UL94 V0 Nylon 6/6, RMS-66**



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Accepts PCB Thickness | Mounting Hole Panel Thickness | |
| RSSHG-201-165 | 50.8 | 25.4 | 1.6 | 1.2 - 2.3 | 500 |
| RSSHG-251-165 | 63.5 | 38.1 | 1.6 | 1.2 - 2.3 | 500 |
| RSSHG-351-165 | 88.9 | 63.5 | 1.6 | 1.2 - 2.3 | 500 |
| RSSHG-401-165 | 101.6 | 76.2 | 1.6 | 1.2 - 2.3 | 500 |
| RSSHG-451-165 | 114.3 | 88.9 | 1.6 | 1.2 - 2.3 | 500 |
| RSSHG-501-165 | 127 | 101.6 | 1.6 | 1.2 - 2.3 | 500 |
| RSSHG-601-165 | 152.4 | 127 | 1.6 | 1.2 - 2.3 | 500 |




Mounts Into Holes Above

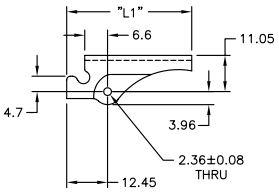
**R1107**

## PCB Inserter/Extractor

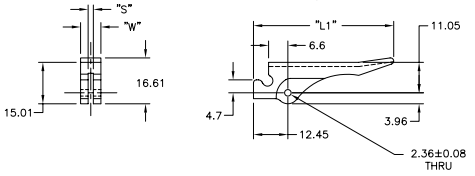
**Natural UL94 V0 Glass Filled Nylon 66, RMS-222**

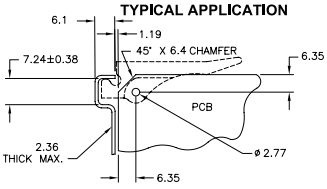


Type 2




Type 1




| Part Number | Type | Dimensions (mm) | | | | Instalation pin (Supplied), (RRP), RMS-224 | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | "S" | "W" | "L1" | PCB Thickness | | |
| R1107-062 | 1 | 1.9 | 7.4 | 50.8 | 1.6 | RRP-250 | 100 |
| R11073-062 | 1 | 1.9 | 8.9 | 50.8 | 1.6 | RRP-312 | 100 |
| R11073-093 | 1 | 2.5 | 8.9 | 50.8 | 2.4 | RRP-312 | 100 |
| R110710-062 | 2 | 1.9 | 7.4 | 38.1 | 1.6 | RRP-250 | 100 |
| R1107310-093 | 2 | 2.5 | 8.9 | 38.1 | 2.4 | RRP-312 | 100 |

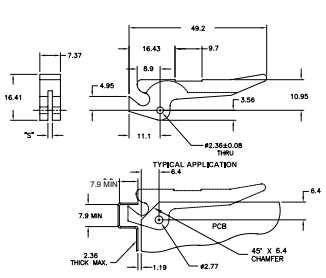
**R1001/R1002/R1209**

## PCB Inserter/Extractor

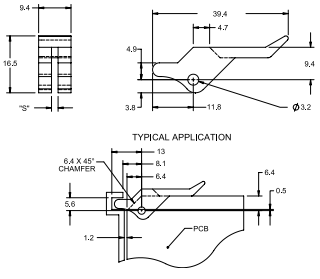
**Natural UL94 V2 Nylon 6/6, RMS-48**



Type 1




Type 2



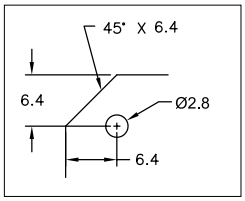

| Part Number | Type | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | "S" | PCB Thickness | Instalation pin | |
| R1001-062 | 1 | 1.9 | 1.6 | RRP-250 | 100 |
| R1002-093 | 1 | 2.5 | 2.4 | RRP-250 | 100 |
| R1209-062 | 2 | 1.9 | 1.6 | RRP-375 | 100 |
| R1209-093 | 2 | 2.5 | 2.4 | RRP-375 | 100 |

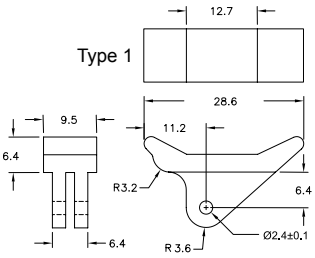
**RCP**

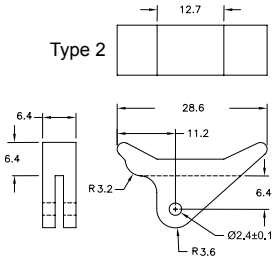
# Card Ejector

**White UL94 V2 Nylon 6/6, RMS-48**

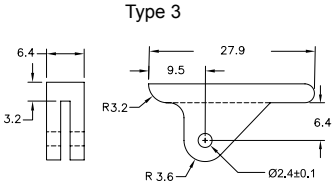
All RCP Series Parts Mount Into Hole Below . See Table for PCB Thickness Accepted

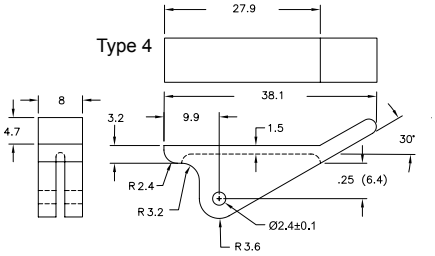


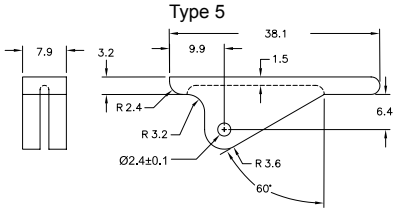



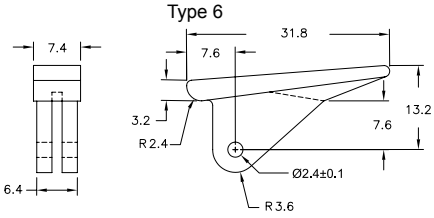



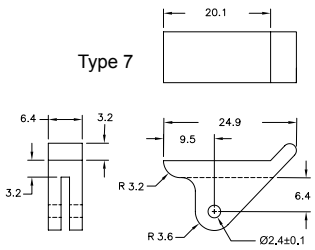


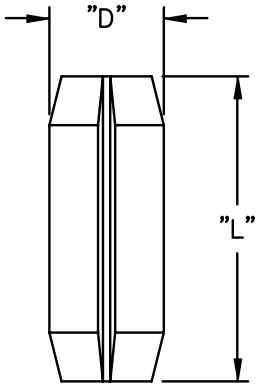




| Part Number | Type | Accepts PCB Thickness | Installation pin (Supplied), (RRP), RMS-224 | Std Pack Qty |
|---|---|---|---|---|
| RCP-06 | 1 | 1.6 | RRP-250 | 500 |
| RCP-09 | 1 | 2.4 | RRP-250 | 500 |
| RCP-26 | 2 | 1.6 | RRP-250 | 500 |
| RCP-36 | 3 | 1.6 | RRP-250 | 500 |
| RCP-46 | 4 | 1.6 | RRP-312 | 500 |
| RCP-56 | 5 | 1.6 | RRP-312 | 500 |
| RCP-66 | 6 | 1.6 | RRP-250 | 500 |
| RCP-86 | 7 | 1.6 | RRP-250 | 500 |
| RCP-89 | 7 | 2.4 | RRP-250 | 500 |

**RRP**

# PCB Inserter/Extractor Installation Pin

**Passivated Stainless Steel per MIL-P-10971,RMS-224**






| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | "D" | "L" | |
| RRP-250 | 2.4 | 6.4 | 100 |
| RRP-312 | 2.4 | 8 | 100 |
| RRP-375 | 3.2 | 9.5 | 100 |

For use with card ejectors - please see range RCP (above) for compatibility

ESSENTRA COMPONENTS

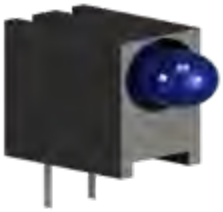
# WORK WITH **LEDs**?

You've got a through-hole LED project. We've got the mounting accessories to get the job done: spacers, clips, lens covers and rings, perfect for giving you height control and protecting wires while minimising shifting and height variations. Great for all applications, from consumer electronics and gaming machines to white goods and medical and office equipment.

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FREE Samples

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# LED HARDWARE


## Light Pipes and Lens Covers

194





## LED Spacers

195-197



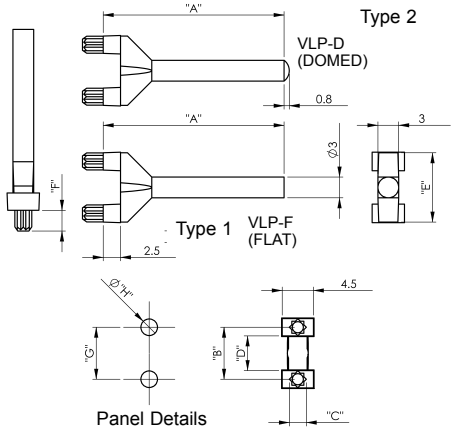


VLP

## Vertical Light Pipes

**Clear UL94 V0 Polycarbonate, RMS-23**






| Part Number | Type | Dimensions (mm) | | | | | | | | Panel Thickness | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" ± 0.05 | | |
| VLP1-F-1 | 1 | 12.7 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP1-F-3 | 1 | 16.5 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP1-F-4 | 1 | 21.8 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP1-F-5 | 1 | 26.1 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP2-F-1 | 1 | 12.7 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-F-2 | 1 | 15 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-F-3 | 1 | 16.5 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-F-4 | 1 | 21.8 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-F-5 | 1 | 26.1 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-F-6 | 1 | 55 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP1-D-1 | 2 | 12.7 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP1-D-3 | 2 | 16.5 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP1-D-4 | 2 | 21.8 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP1-D-5 | 2 | 26.1 | 4.7 | 1.5 | 3 | 6.4 | 2.5 | 4.7 | 1.5 | 0.8-3 | 1000 |
| VLP2-D-1 | 2 | 12.7 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-D-3 | 2 | 16.5 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-D-4 | 2 | 21.8 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-D-5 | 2 | 26.1 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |
| VLP2-D-6 | 2 | 55 | 7.5 | 2.45 | 5 | 10 | 3 | 7.5 | 2.4 | 0.8-3 | 1000 |

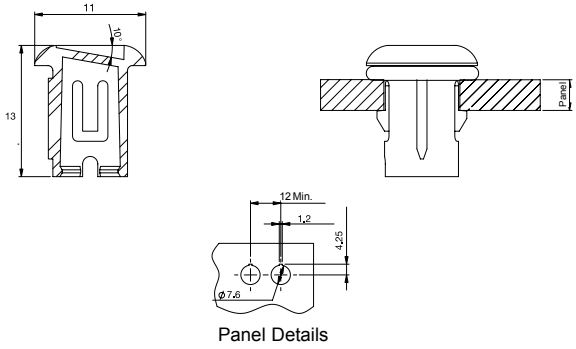
LEDC

## LED Lens Cover

**Clear Polycarbonate, RMS-215**

• Cover supplied with standard 10° angled lens.

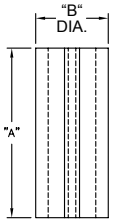




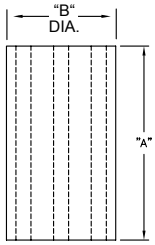

| Part Number | Details | Mounting Hole Ø | Panel Thickness | O-Ring Material | Fits LED | Std Pack Qty |
|---|---|---|---|---|---|---|
| LEDC-1 | Cover without O-Ring | 7.6 | 4.5 | - | T1-3/4 (5mm) | 1000 |
| LEDC-2 | Cover with O-Ring | 7.6 | 3 | Black Neoprene Rubber | T1-3/4 (5mm) | 1000 |

**LEDS1/LEDS2/LEDS3**

## LED Spacers



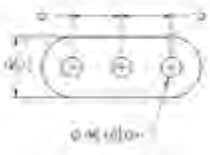

Type 1




Type 2



Type 1



Type 2

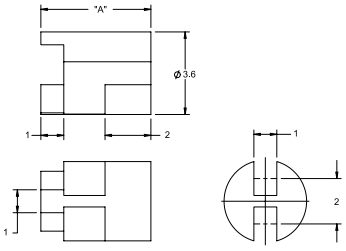


| Part Number | Type | Fits LED | Dimensions (mm) | | | | Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | "A" ±.020 | "B" ±.020 | "C" | "D" Ref. | | |
| LEDS1-3-26 | 1 | T-1 (3mm) | 4.8 | 4 | 1.2 | 1.5 | PVC, RMS-317 | 1000 |
| LEDS1-4-26 | 1 | T-1 (3mm) | 6.4 | 4 | 1.2 | 1.5 | PVC, RMS-317 | 1000 |
| LEDS1-6-26 | 1 | T-1 (3mm) | 9.5 | 4 | 1.2 | 1.5 | PVC, RMS-317 | 1000 |
| LEDS1-8-26 | 1 | T-1 (3mm) | 12.7 | 4 | 1.2 | 1.5 | PVC, RMS-317 | 1000 |
| LEDS1-10-26 | 1 | T-1 (3mm) | 15.9 | 4 | 1.2 | 1.5 | PVC, RMS-317 | 1000 |
| LEDS1-12-26 | 1 | T-1 (3mm) | 19.1 | 4 | 1.2 | 1.5 | PVC, RMS-317 | 1000 |
| LEDS1-14-26 | 1 | T-1 (3mm) | 22.2 | 4 | 1.2 | 1.5 | PVC, RMS-317 | 1000 |
| LEDS2-3-26 | 1 | T-1 3/4 (5mm) | 4.8 | 4.8 | 1.5 | 2.5 | PVC, RMS-317 | 1000 |
| LEDS2-4-26 | 1 | T-1 3/4 (5mm) | 6.4 | 4.8 | 1.5 | 2.5 | PVC, RMS-317 | 1000 |
| LEDS2-6-26 | 1 | T-1 3/4 (5mm) | 9.5 | 4.8 | 1.5 | 2.5 | PVC, RMS-317 | 1000 |
| LEDS2-8-26 | 1 | T-1 3/4 (5mm) | 12.7 | 4.8 | 1.5 | 2.5 | PVC, RMS-317 | 1000 |
| LEDS2-10-26 | 1 | T-1 3/4 (5mm) | 15.9 | 4.8 | 1.5 | 2.5 | PVC, RMS-317 | 1000 |
| LEDS2-12-26 | 1 | T-1 3/4 (5mm) | 19.1 | 4.8 | 1.5 | 2.5 | PVC, RMS-317 | 1000 |
| LEDS2-14-26 | 1 | T-1 3/4 (5mm) | 22.2 | 4.8 | 1.5 | 2.5 | PVC, RMS-317 | 1000 |
| LEDS3-3-26 | 2 | T-1 (3mm) & T-1 3/4 (5mm) | 4.8 | 8.1 | - | 2.5 | PVC, RMS-26 | 1000 |
| LEDS3-4-26 | 2 | T-1 (3mm) & T-1 3/4 (5mm) | 6.4 | 8.1 | - | 2.5 | PVC, RMS-26 | 1000 |
| LEDS3-6-26 | 2 | T-1 (3mm) & T-1 3/4 (5mm) | 9.5 | 8.1 | - | 2.5 | PVC, RMS-26 | 1000 |
| LEDS3-8-26 | 2 | T-1 (3mm) & T-1 3/4 (5mm) | 12.7 | 8.1 | - | 2.5 | PVC, RMS-26 | 1000 |
| LEDS3-10-26 | 2 | T-1 (3mm) & T-1 3/4 (5mm) | 15.9 | 8.1 | - | 2.5 | PVC, RMS-26 | 1000 |
| LEDS3-12-26 | 2 | T-1 (3mm) & T-1 3/4 (5mm) | 19.1 | 8.1 | - | 2.5 | PVC, RMS-26 | 1000 |

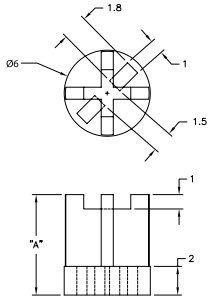
**LEDS1E/LEDS2E**

## LED Spacers

- Natural




LEDS1E




LEDS2E



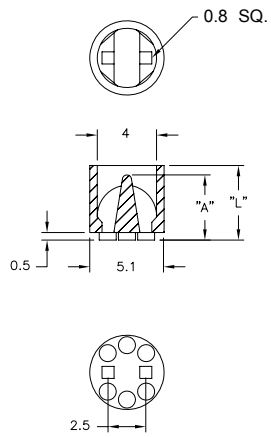
| Part Number | Fits LED | Part Number | Fits LED | "A" (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | | UL94 V2 Nylon 6/6, RMS-01 | | | |
| LEDS1E-3-01 | T-1 (3mm) | LEDS2E-3-01 | T-1 3/4 (5mm) | 4.8 | 1000 |
| LEDS1E-4-01 | T-1 (3mm) | LEDS2E-4-01 | T-1 3/4 (5mm) | 6.4 | 1000 |
| LEDS1E-6-01 | T-1 (3mm) | LEDS2E-6-01 | T-1 3/4 (5mm) | 9.5 | 1000 |
| LEDS1E-8-01 | T-1 (3mm) | LEDS2E-8-01 | T-1 3/4 (5mm) | 12.7 | 1000 |
| LEDS1E-10-01 | T-1 (3mm) | LEDS2E-10-01 | T-1 3/4 (5mm) | 15.9 | 1000 |
| LEDS1E-12-01 | T-1 (3mm) | LEDS2E-12-01 | T-1 3/4 (5mm) | 19.1 | 1000 |
| LEDS1E-14-01 | T-1 (3mm) | LEDS2E-14-01 | T-1 3/4 (5mm) | 22.2 | 1000 |
| - | - | LEDS2E-16-01 | T-1 3/4 (5mm) | 25.4 | 1000 |

LEDS2M

## LED Spacer

**Natural UL94 V2**
**Nylon6/6, RMS-01**





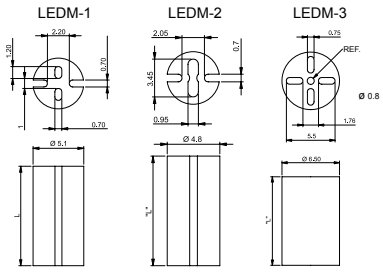

| Part Number | "L" | "A" REF. | Fits LED | Std Pack Qty |
|---|---|---|---|---|
| LEDS2M-120-01 | 3.1 | 2 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-140-01 | 3.6 | 2 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-160-01 | 4.1 | 2 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-180-01 | 4.5 | 2 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-200-01 | 5.1 | 2 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-220-01 | 5.6 | 2 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-240-01 | 6.1 | 2 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-250-01 | 6.4 | 5.1 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-280-01 | 7.1 | 5.1 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-300-01 | 7.8 | 5.1 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-320-01 | 8.1 | 5.1 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-340-01 | 8.6 | 5.1 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-360-01 | 9.1 | 5.1 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-380-01 | 9.7 | 8.4 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-400-01 | 10.2 | 8.4 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-420-01 | 10.7 | 8.4 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-450-01 | 11.4 | 8.4 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-500-01 | 12.7 | 11.4 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-550-01 | 14 | 11.4 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-600-01 | 15.2 | 11.4 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-650-01 | 16.5 | 14.7 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-750-01 | 19.1 | 17.8 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-850-01 | 21.6 | 17.8 | T-1 3/4 (5mm) | 1000 |
| LEDS2M-900-01 | 22.9 | 17.8 | T-1 3/4 (5mm) | 1000 |

LEDM

## High Temperature Metric LED Spacers

**Black UL94 V0 PVC, RMS-388**





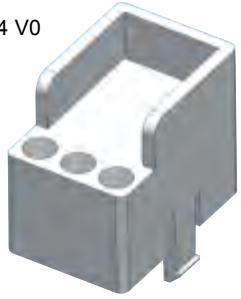

| Part Number | | | "L" (mm) | Std Pack Qty |
|---|---|---|---|---|
| Fits LED T-1 3/4 (5mm) | Fits LED T-1 (3mm) | Fits LED T-1 3/4 (5mm) | | |
| LEDM-1-02 | LEDM-2-02 | LEDM-3-02 | 2 | 1000 |
| LEDM-1-03 | LEDM-2-03 | LEDM-3-03 | 3 | 1000 |
| LEDM-1-04 | LEDM-2-04 | LEDM-3-04 | 4 | 1000 |
| LEDM-1-05 | LEDM-2-05 | LEDM-3-05 | 5 | 1000 |
| LEDM-1-06 | LEDM-2-06 | LEDM-3-06 | 6 | 1000 |
| LEDM-1-07 | LEDM-2-07 | LEDM-3-07 | 7 | 1000 |
| LEDM-1-08 | LEDM-2-08 | LEDM-3-08 | 8 | 1000 |
| LEDM-1-09 | LEDM-2-09 | - | 9 | 1000 |
| LEDM-1-10 | LEDM-2-10 | LEDM-3-10 | 10 | 1000 |
| LEDM-1-11 | LEDM-2-11 | LEDM-3-11 | 11 | 1000 |
| LEDM-1-12 | LEDM-2-12 | LEDM-3-12 | 12 | 1000 |
| LEDM-1-13 | LEDM-2-13 | LEDM-3-13 | 13 | 1000 |
| LEDM-1-14 | LEDM-2-14 | - | 14 | 1000 |
| LEDM-1-15 | LEDM-2-15 | LEDM-3-15 | 15 | 1000 |
| LEDM-1-16 | LEDM-2-16 | LEDM-3-16 | 16 | 1000 |
| LEDM-1-17 | LEDM-2-17 | LEDM-3-17 | 17 | 1000 |
| LEDM-1-18 | - | LEDM-3-18 | 18 | 1000 |
| LEDM-1-19 | LEDM-2-19 | LEDM-3-19 | 19 | 1000 |
| LEDM-1-20 | LEDM-2-20 | LEDM-3-20 | 20 | 1000 |
| LEDM-1-21 | LEDM-2-21 | - | 21 | 1000 |
| LEDM-1-22 | LEDM-2-22 | LEDM-3-22 | 22 | 1000 |
| LEDM-1-23 | LEDM-2-23 | LEDM-3-23 | 23 | 1000 |
| LEDM-1-24 | LEDM-2-24 | - | 24 | 1000 |
| LEDM-1-25 | LEDM-2-25 | LEDM-3-25 | 25 | 1000 |
| LEDM-1-26 | LEDM-2-26 | LEDM-3-26 | 26 | 1000 |
| LEDM-1-27 | LEDM-2-27 | LEDM-3-27 | 27 | 1000 |
| LEDM-1-28 | LEDM-2-28 | LEDM-3-28 | 28 | 1000 |
| LEDM-1-29 | - | LEDM-3-29 | 29 | 1000 |
| - | - | LEDM-3-30 | 30 | 1000 |

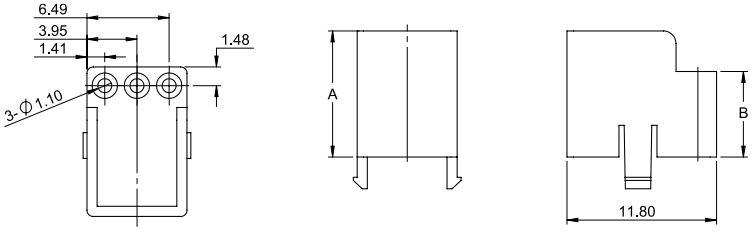
IRR

## IR Reciever

**Black 30%GF PBT+BC RMS-469C**

- Flame Retardant Rating: UL94 V0






Opening size: 16+0/-0.1 X 7.9±0.5 X 2.5 (minimum)

| Part Number | A | B | Plate Thickness | Std Pack Qty |
|---|---|---|---|---|
| IRR-1 | 9.95 | 6.75 | 1.6 | 1000 |
| IRR-2 | 7.45 | 4.25 | 1.6 | 1000 |

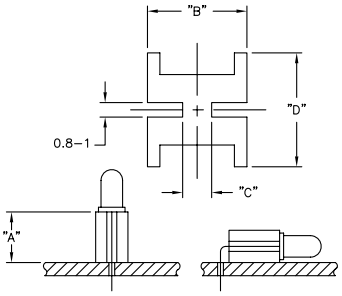
SQLEDS

## Square LED Spacers

**Black UL94 V0 PVC, RMS-26**

- Horizontal or vertical mounting

| Part Number | Fits LED | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "A" ± 0.5 | "B" | "C" | "D" REF. | |
| SQLEDS1-4-26 | T-1 (3mm) | 6.4 | 4.3 | 0.8 | 4.3 | 1000 |
| SQLEDS1-6-26 | T-1 (3mm) | 9.5 | 4.3 | 0.8 | 4.3 | 1000 |
| SQLEDS2-4-26 | T-1-3/4 (5mm) | 6.4 | 6.1 | 1.8 | 6.9 | 1000 |
| SQLEDS2-6-26 | T-1-3/4 (5mm) | 9.5 | 6.1 | 1.8 | 6.9 | 1000 |
| SQLEDS2-8-26 | T-1-3/4 (5mm) | 12.7 | 6.1 | 1.8 | 6.9 | 1000 |






LEDH

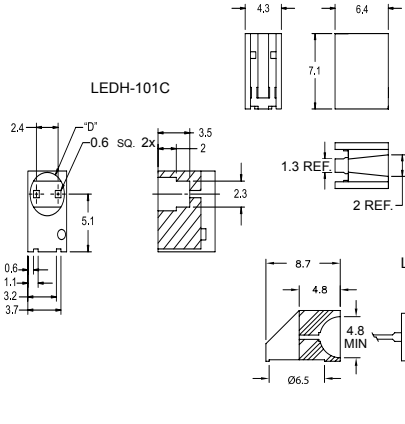
## LED Holder

Black UL94 V0 Nylon 6/6, RMS-43

| Part Number | Ø "D" (mm) | Fits LED | Std Pack Qty |
|---|---|---|---|
| LEDH-101C-34 | 3.4 | T-1 (3mm) | 1000 |
| LEDH-101C-38 | 3.8 | T-1 (3mm) | 1000 |

Black UL94 V2 Nylon 6/6, RMS-48

| Part Number | Fits LED | Std Pack Qty |
|---|---|---|
| LEDH-909-235 | T-1 3/4 (5mm) | 1000 |

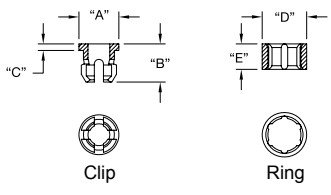





LEDCR

## LED Clips & Rings

- The devices go together by simply inserting the "clip" to the front of the panel,then assembling the LED into the "clip" from the rear of thepanel. The "ring" is pressed onto the rear of the "clip" for a firm retention
- Black



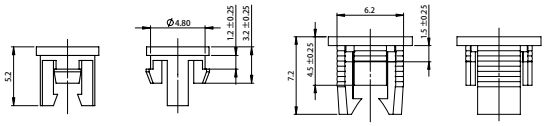


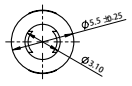

| Part Number | Ring Material | Clip Material | LED Type | Mounting Hole | Panel Thickness | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | "A" Ø | "B" | "C" | "D" Ø | "E" | |
| LEDCR-104 | UL94 V0 Nylon 6/6, RMS-43 | UL94 V0 Nylon 6/6, RMS-43 | T-1 (3mm) | 4.4 - 4.6 | 0.8 - 3.2 | 5.3 | 5.3 | 0.38 | 6.1 | 3.6 | 1000 |
| LEDCR-174 | UL94 V2 Nylon 6/6, RMS-48 | UL94 V0 Nylon 6/6, RMS-43 | T-1-3/4 (5mm) | 6.8 - 6.9 | 0.8 - 3.2 | 7.6 | 6.6 | 0.76 | 8.9 | 4.1 | 1000 |

LEDHPM

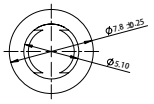
## LED Holder; Panel Mount

- Natural UL94 V2 Nylon 6/6, RMS-01



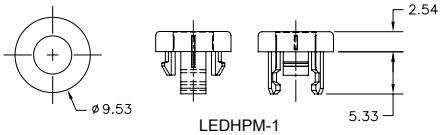

LEDHPM-3H-01




LEDHPM-5A-01



| Part Number | Mounting Hole Ø | Panel Thickness | Fits LED | Std Pack Qty |
|---|---|---|---|---|
| LEDHPM-3H-01 | 4.8 | 1.2 | T-1 (3mm) | 100 |
| LEDHPM-5A-01 | 6.2 | 1.2 | T-1 3/4 (5mm) | 100 |
| LEDHPM-1 | 7.14 - 7.29 | 1.12 - 1.22 | T-1 3/4 (5mm) | 1000 |

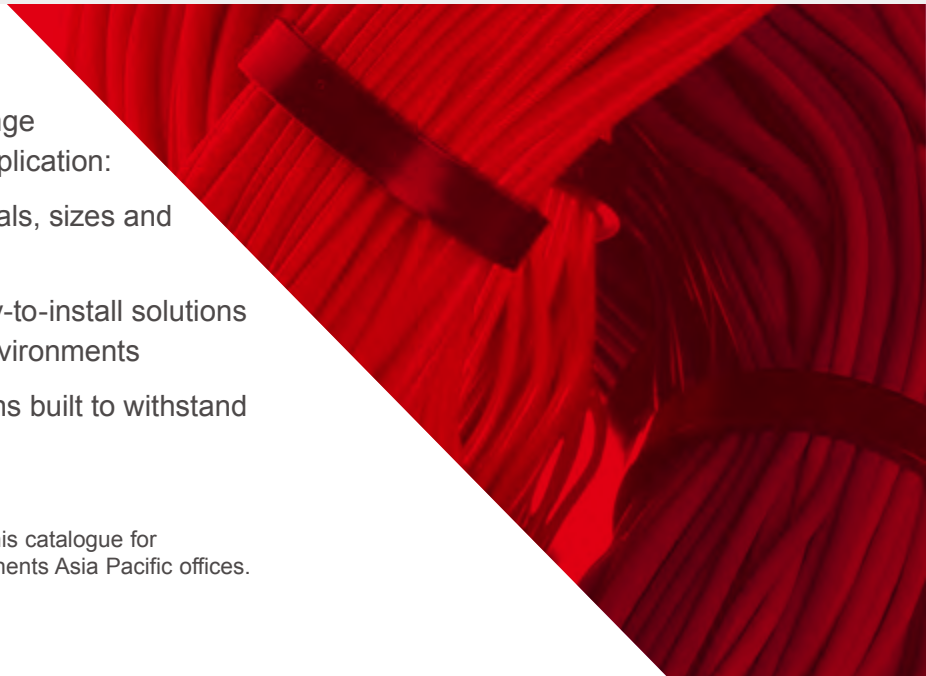



LEDHPM-1

ESSENTRA COMPONENTS



# MANAGE, **ORGANISE** AND **PROTECT** COMPLEX CABLING WITH EASY-TO-INSTALL SOLUTIONS.



From standard cable ties to special application cable ties, Essentra's range offers a solution for any electrical application:

- Available in a wide range of materials, sizes and colours to suit all applications
- Manage complex cabling with easy-to-install solutions suited to demanding and varied environments
- Quality industry-accredited solutions built to withstand continued intensive use

FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# CABLE TIES AND CABLE MANAGEMENT


## Cable Ties and Accessories

**200-277**



## Conduit and Accessories

**278-282**



## Grommets, Strain Relief and Blanking Plugs

**283-307**



## Cable Glands and Accessories

**310-317**



SR 1785

## Standard Cable Ties

**Nylon 6.6**

- Lock to prevent accidental removal
- Flammability rating: UL94 V2



| Part Number | | Max Cable Bundle Dia (mm) | Dimensions (mm) | | Tensile LBS/kg | Std Pack Qty |
|---|---|---|---|---|---|---|
| Natural | Black | | Length | Width | | |
| 460175 | 460206 | 15.0 | 75.0 | 2.4 | 18/8 | 100 |
| 460176 | 460207 | 21.0 | 96.0 | 2.5 | 18/8 | 100 |
| 460177 | 460208 | 25.0 | 100.0 | 2.5 | 18/8 | 100 |
| 460178 | 460209 | 30.0 | 120.0 | 2.5 | 18/8 | 100 |
| 460179 | 460210 | 35.0 | 142.0 | 2.5 | 18/8 | 100 |
| 460180 | 460211 | 44.0 | 165.0 | 2.5 | 18/8 | 100 |
| 460181 | 460212 | 55.0 | 203.0 | 2.5 | 18/8 | 100 |
| 460182 | 460213 | 30.0 | 120.0 | 3.2 | 40/18 | 100 |
| 460183 | 460214 | 35.0 | 142.0 | 3.2 | 40/18 | 100 |
| 460185 | 460216 | 55.0 | 203.0 | 3.2 | 40/18 | 100 |
| 460184 | 460215 | 39.0 | 150.0 | 3.6 | 40/18 | 100 |
| 460194 | 460225 | 49.0 | 180.0 | 3.6 | 50/22 | 100 |
| 460186 | 460217 | 55.0 | 203.0 | 3.6 | 40/18 | 100 |
| 460187 | 460218 | 74.0 | 250.0 | 3.6 | 40/18 | 100 |
| 460188 | 460219 | 78.0 | 265.0 | 3.6 | 40/18 | 100 |
| 460189 | 460220 | 85.0 | 292.0 | 3.6 | 40/18 | 100 |
| 460190 | 460221 | 96.0 | 331.0 | 3.6 | 40/18 | 100 |
| 460191 | 460222 | 102.0 | 368.0 | 3.6 | 40/18 | 100 |
| 460192 | 460223 | 30.0 | 120.0 | 4.8 | 50/22 | 100 |
| 460193 | 460224 | 42.0 | 160.0 | 4.8 | 50/22 | 100 |
| 460195 | 460226 | 52.0 | 190.0 | 4.8 | 50/22 | 100 |
| 460196 | 460227 | 55.0 | 203.0 | 4.6 | 50/22 | 100 |
| 460197 | 460228 | 74.0 | 250.0 | 4.8 | 50/22 | 100 |
| 460198 | 460229 | 81.0 | 280.0 | 4.8 | 50/22 | 100 |

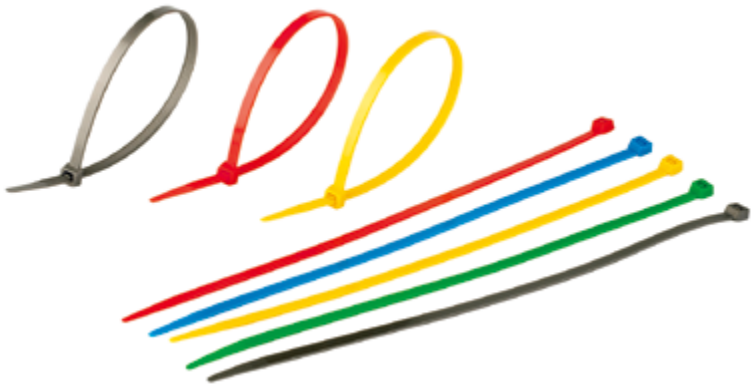
| Part Number | | Max Cable Bundle Dia (mm) | Dimensions (mm) | | Tensile LBS/kg | Std Pack Qty |
|---|---|---|---|---|---|---|
| Natural | Black | | Length | Width | | |
| 460199 | 460230 | 85.0 | 300.0 | 4.8 | 50/22 | 100 |
| 460200 | 460231 | 89.0 | 310.0 | 4.8 | 50/22 | 100 |
| 460201 | 460232 | 102.0 | 368.0 | 4.8 | 50/22 | 100 |
| 460202 | 460233 | 116.0 | 385.0 | 4.8 | 50/22 | 100 |
| 460203 | 460234 | 125.0 | 432.0 | 4.8 | 50/22 | 100 |
| 460204 | 460235 | 130.0 | 450.0 | 4.8 | 50/22 | 100 |
| 460205 | 460236 | 150.0 | 500.0 | 4.8 | 50/22 | 100 |
| 461165 | 461182 | 39.0 | 150.0 | 7.6 | 120/55 | 100 |
| 461166 | 461183 | 55.0 | 203.0 | 7.6 | 120/55 | 100 |
| 461167 | 461184 | 66.0 | 240.0 | 7.6 | 120/55 | 100 |
| 461168 | 461185 | 78.0 | 280.0 | 7.6 | 120/55 | 100 |
| 461169 | 461186 | 88.0 | 300.0 | 7.6 | 120/55 | 100 |
| 461170 | 461187 | 99.0 | 340.0 | 7.6 | 120/55 | 100 |
| 461171 | 461188 | 110.0 | 380.0 | 7.6 | 120/55 | 100 |
| 461172 | 461189 | 133.0 | 450.0 | 8.0 | 175/80 | 100 |
| 461173 | 461190 | 166.0 | 550.0 | 8.0 | 175/80 | 100 |
| 461174 | 461191 | 185.0 | 610.0 | 9.0 | 175/80 | 100 |
| 461175 | 461192 | 210.0 | 685.0 | 9.0 | 175/80 | 100 |
| 461176 | 461193 | 220.0 | 710.0 | 9.0 | 175/80 | 100 |
| 461177 | 461194 | 236.0 | 762.0 | 9.0 | 175/80 | 100 |
| 461178 | 461195 | 246.0 | 812.0 | 9.0 | 175/80 | 100 |
| 461179 | 461196 | 270.0 | 914.0 | 9.0 | 175/80 | 100 |
| 461180 | 461197 | 360.0 | 1168.0 | 9.0 | 175/80 | 100 |
| 461181 | 461198 | 380.0 | 1219.0 | 9.0 | 175/80 | 100 |

SR 1762

## Coloured Cable Ties

**Nylon 6.6**

- Lock to prevent accidental removal
- Flammability rating: UL94 V2
- Easier Cable Management
- Provide Colour Coding system
- Provide Colour matching

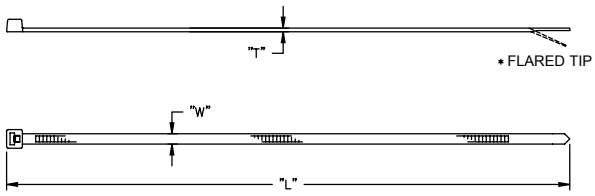


| Part Number | | | | | Max Cable Bundle Dia (mm) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Red | Blue | Green | Yellow | Silver | | Length | Width | |
| 460177-R | 460177-B | 460177-G | 460177-Y | 460177-S | 25.0 | 100.0 | 2.5 | 100 |
| 460181-R | 460181-B | 460181-G | 460181-Y | 460181-S | 55.0 | 203.0 | 2.5 | 100 |
| 460184-R | 460184-B | 460184-G | 460184-Y | 460184-S | 39.0 | 150.0 | 3.6 | 100 |
| 460187-R | 460187-B | 460187-G | 460187-Y | 460187-S | 74.0 | 250.0 | 3.6 | 100 |
| 460227-R | 460227-B | 460227-G | 460227-Y | 460227-S | 55.0 | 203.0 | 4.6 | 100 |
| 460201-R | 460201-B | 460201-G | 460201-Y | 460201-S | 102.0 | 368.0 | 4.8 | 100 |
| 460230-R | 460230-B | 460230-G | 460230-Y | 460230-S | 85.0 | 300.0 | 4.8 | 100 |
| 461188-R | 461188-B | 461188-G | 461188-Y | 461188-S | 110.0 | 380.0 | 7.6 | 100 |

WIT/WITA

# UL 94 V2 Nylon 6/6 Cable Ties

**UL94 V2 Nylon 6/6,RMS-01;Color:Natural**






| Part Number | Min Loop Tensile Strength Lbs (N) | Length Ref. | Max. Bundle Dia. | "W"Width Ref. | "T"Thickness Ref. | Std Pack Qty |
|---|---|---|---|---|---|---|
| WIT-18SF-M | 80 | 82.6 | 22 | 2.5 | 1 | 1000 |
| WITE-18RC-M | 80 | 100 | 20 | 2.5 | 1 | 1000 |
| WIT-18R-M | 80 | 114.8 | 25.4 | 2.5 | 1 | 1000 |
| WIT-18L-M | 80 | 146.1 | 37.1 | 2.5 | 1 | 1000 |
| WITA-18V-M | 80 | 200 | 54.1 | 2.5 | 1.2 | 1000 |
| WITA-18X-M | 80 | 400 | 116 | 2.5 | 1.2 | 1000 |
| WITA-40R-C | 180 | 150 | 37.6 | 3.6 | 1.3 | 100 |
| WITA-40R-M | 180 | 150 | 37.6 | 3.6 | 1.3 | 1000 |
| WITA-40L-M | 180 | 200 | 52 | 3.6 | 1.3 | 1000 |
| WITA-40XL-M | 180 | 205 | 53.3 | 3.6 | 1.3 | 1000 |
| WITA-40VL-M | 180 | 300 | 83 | 3.6 | 1.4 | 1000 |
| WIT-50S-M | 222 | 152.4 | 38.7 | 4.6 | 1.3 | 1000 |
| WIT-50R-M | 222 | 203.2 | 50.8 | 4.8 | 1.3 | 1000 |
| WITA-50RL-M | 222 | 280 | 77 | 4.8 | 1.3 | 1000 |
| WITA-50XL-C | 222 | 635 | 190 | 4.8 | 1.3 | 100 |
| WITA-120S-D | 534 | 218 | 51 | 7.6 | 1.6 | 500 |
| WITA-120R-D | 534 | 400 | 113 | 7.8 | 1.6 | 500 |
| WITA-120L-D | 534 | 550 | 162 | 7.8 | 1.6 | 500 |
| WITA-175R-L | 778 | 610 | 178 | 9 | 1.8 | 50 |
| WITA-175L-Q | 778 | 914.4 | 277 | 9 | 1.8 | 25 |

WIT/WITA-UVB

# Weather Resistant Nylon 6/6 Cable Ties

**UL94 V2Weather Resistant Nylon 6/6, RMS-46; Color:Black**

| Part Number | Min Loop Tensile Strength Lbs (N) | Length Ref. | Max. Bundle Dia. | "W"Width Ref. | "T"Thickness Ref. | Std Pack Qty |
|---|---|---|---|---|---|---|
| WIT-18SF-UVB-M | 80 | 97.8 | 22 | 2.5 | 1 | 1000 |
| WIT-18R-UVB-M* | 80 | 114.8 | 25.4 | 2.5 | 1 | 1000 |
| WIT-18L-UVB-M | 80 | 146.1 | 37.1 | 2.5 | 1 | 1000 |
| WITA-18V-UVB-M | 80 | 200 | 54.1 | 2.5 | 1.2 | 1000 |
| WITA-18X-UVB-M | 80 | 400 | 116 | 2.5 | 1.2 | 1000 |
| WITA-40R-UVB-C | 180 | 150 | 37.6 | 3.6 | 1.3 | 100 |
| WITA-40R-UVB-M | 180 | 150 | 37.6 | 3.6 | 1.3 | 1000 |
| WITA-40L-UVB-M | 180 | 200 | 52 | 3.6 | 1.3 | 1000 |
| WITA-40XL-UVB-M | 180 | 205 | 53.3 | 3.6 | 1.3 | 1000 |
| WITA-40VL-UVB-M | 180 | 300 | 83 | 3.6 | 1.4 | 1000 |
| WITA-50S-UVB-M | 222 | 160 | 38.7 | 4.6 | 1.3 | 1000 |
| WIT-50R-UVB-M | 222 | 203.2 | 50.8 | 4.8 | 1.3 | 1000 |
| WITA-50RL-UVB-M | 222 | 280 | 77 | 4.8 | 1.3 | 1000 |
| WITA-50L-M | 222 | 391.2 | 114.3 | 4.8 | 1.3 | 1000 |
| WITA-50L-UVB-M | 222 | 391.2 | 114.3 | 4.8 | 1.3 | 1000 |
| WITA-120S-UVB-D | 534 | 218 | 51 | 7.6 | 1.6 | 500 |
| WITA-120R-UVB-D | 534 | 400 | 113 | 7.8 | 1.6 | 500 |
| WITA-120L-UVB-D | 534 | 550 | 162 | 7.8 | 1.6 | 500 |
| WITA-175R-UVB-L | 778 | 610 | 178 | 9 | 1.8 | 50 |
| WITA-175L-UVB-Q | 778 | 914.4 | 277 | 9 | 1.8 | 25 |

WIT/WITA-V0

# UL 94 V0 Nylon 6/6 Cable Ties

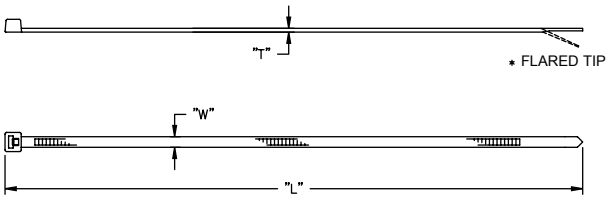
**UL94 V0 Nylon 6/6, RMS-19;Color:Natural**

| Part Number | Min Loop Tensile Strength Lbs (N) | Length Ref. | Max. Bundle Dia. | "W"Width Ref. | "T"Thickness Ref. | Std Pack Qty |
|---|---|---|---|---|---|---|
| WIT-18R-V0-M | 80 | 114.8 | 25.4 | 2.5 | 1 | 1000 |
| WIT-50R-V0-M | 222 | 203.2 | 50.8 | 4.8 | 1.3 | 1000 |

WIT/WITA-HS/WIT-HT

## Heat Stabilized and High Temperature Cable Ties

- HS Series is serviceable to 115°C
- HT Series is serviceable to 141°C°



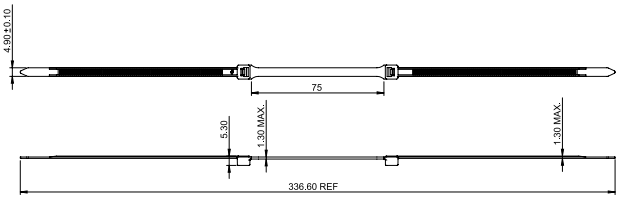

| Part Number | Material | Temperature tolerance Range °C | Color | Max Cable Bundle Dia (mm) | Length Ref. | Max. Bundle Dia. | "W" Width Ref. | "T" Thickness Ref. | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| WIT-18R-HT-M | UL94V2 Nylon 4/6,RMS-109 | -40~130 | Natural | 80 | 114.8 | 25.4 | 2.5 | 1 | 1000 |
| WIT-50R-HT-M | UL94V2 Nylon 4/6,RMS-109 | -40~130 | Natural | 222 | 203.2 | 50.8 | 4.8 | 1.3 | 1000 |
| 20002114 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Natural | 80 | 98 | 21 | 2.5 | 1 | 100 |
| 20002435 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Natural | 130 | 140 | 35 | 3.6 | 1.1 | 100 |
| 20002428 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Natural | 130 | 200 | 50 | 3.6 | 1.3 | 100 |
| 601515 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Natural | 222 | 200 | 50 | 4.8 | 1.3 | 100 |
| 20002121 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Natural | 222 | 290 | 79 | 4.8 | 1.4 | 100 |
| 20002398 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Natural | 534 | 365 | 100 | 7.5 | 1.7 | 100 |
| 20002060 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Black | 80 | 98 | 21 | 2.5 | 1 | 100 |
| WIT-18R-HS-M | UL94V2 Nylon 6/6,RMS-47 | -40~125 | Black | 80 | 114.8 | 25.4 | 2.5 | 1 | 1000 |
| 20002411 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Black | 130 | 140 | 35 | 3.6 | 1.1 | 100 |
| WITA-40R-HS-M | UL94V2 Nylon 6/6,RMS-47 | -40~125 | Black | 180 | 150 | 37.6 | 3.6 | 1.3 | 1000 |
| 20002404 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Black | 130 | 200 | 50 | 3.6 | 1.3 | 100 |
| 20002084 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Black | 222 | 200 | 50 | 4.8 | 1.3 | 100 |
| WITA-50RL-HS-M | UL94V2 Nylon 6/6,RMS-47 | -40~125 | Black | 222 | 280 | 77 | 4.8 | 1.3 | 1000 |
| 20002343 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Black | 222 | 290 | 79 | 4.8 | 1.4 | 100 |
| 20002381 | UL94V2 Nylon 6/6,RMS-164 | -40~125 | Black | 534 | 365 | 100 | 7.5 | 1.7 | 100 |

WITDT

## Cable Tie, Double

**UL94 Nylon 6.6, RMS-01**






| Part Number | Max Cable Bundle Dia (mm) | Max. Bundle Dia. | Std Pack Qty |
|---|---|---|---|
| WITDT-50X | 200 | 25 | 500 |

SR 1785

## Cable Tie Guns



Type 1 Light Duty



Type 2 Heavy Duty

| Part Number | Type | Fits Cable Ties (mm) | Std Pack Qty |
|---|---|---|---|
| 497656 | 1 | 2.5-5.0 | 1 |
| 497659 | 2 | 2.5-10.0 | 1 |

WIT-RT

## Release Tab Wrap-It Tie

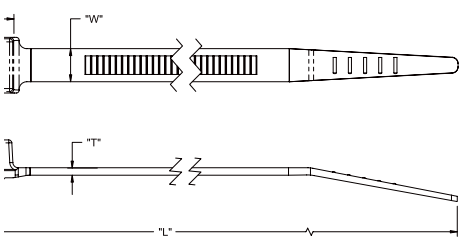


Figure 1

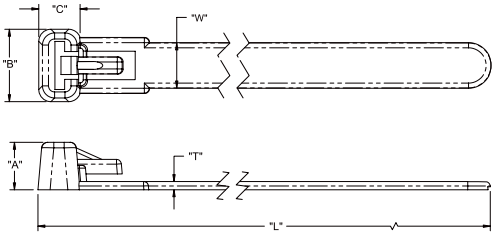


Figure 2

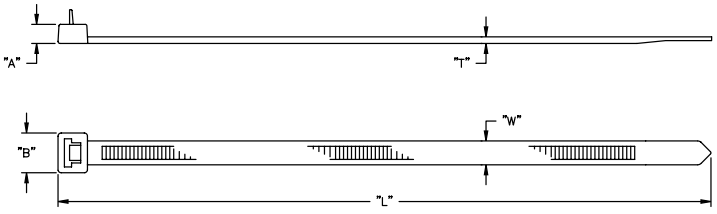


| Part Number | Min Loop Tensile Strength lbs (kg) | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01,Color:Natural | | 'W' | 'L' | 'T' | Bundle Dia. Range | 'A' | 'B' | 'C' | |
| WIT-RT-1-M | 13 | 7.6 | 206 | 1.3 | 6.4 - 48 | 7.8 | 11.9 | 6.8 | 1000 |
| WITRT-0550-UV-M* | 13 | 5.3 | 140 | 1.3 | 4.8-31.8 | 6.1 | 9.1 | 11.4 | 1000 |
| WITRT-0800-UV-M* | 18 | 5.3 | 203 | 1.3 | 4.8-50.8 | 6.1 | 9.1 | 11.4 | 1000 |
| WIT-RT-0550-M | 18 | 5.3 | 140 | 1.3 | 4.8 - 31.8 | 6.1 | 9.1 | 11.4 | 1000 |
| WIT-RT-0800-M | 18 | 5.3 | 203 | 1.3 | 4.8 - 50.8 | 6.1 | 9.1 | 11.4 | 1000 |
| WIT-RT-1050-M | 18 | 5.3 | 267 | 1.3 | 4.8 - 63.5 | 6.1 | 9.1 | 11.4 | 1000 |

*Black UL94 V-2 UVB quantity, Stabilized Nylon 6/6, RMS-46

WIT-R

## Releasable Wrap-It Tie

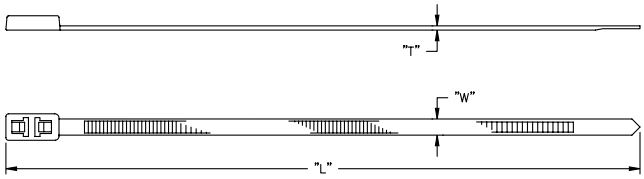


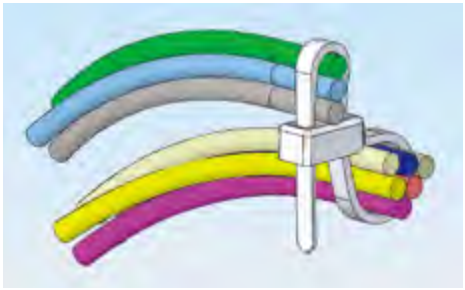



| Part Number | | Min Loop Tensile Strength lbs (kg) | "L"Ref. | Max. Bundle Dia. | "W"Ref. | "T"Ref. | "A" | "B" | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Qty UL94 V2 Nylon 6/6, RMS-01,Color:Natural | UVB Stabilized Nylon6/6, RMS-46;Color:Black | | | | | | | | |
| WIT-50SR-M | WIT-50SR-UVB-M | 22 | 152.4 | 38.1 | 4.8 | 1.3 | 5.3 | 7.9 | 1000 |
| WIT-50RR-M | WIT-50RR-UVB-M | 22 | 203.2 | 50.8 | 4.8 | 1.3 | 5.3 | 7.9 | 1000 |
| WIT-50LR-M | WIT-50LR-UVB-M | 22 | 295.9 | 76.2 | 4.8 | 1.3 | 5.6 | 8.6 | 1000 |

WITA-DH

## Double-Loop Tie



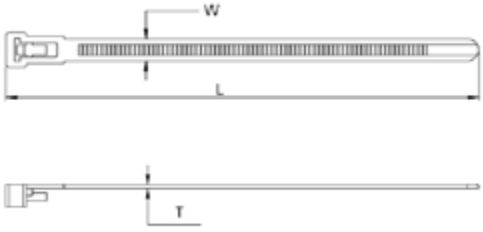
| Part Number | | Min Loop Tensile Strength (N) | Length Ref. | "W" Width Ref. | "T"Thickness Ref. | Std Pack Qty |
|---|---|---|---|---|---|---|
| Qty UL94 V2 Nylon 6/6, RMS-01,Color:Natural | UVB Stabilized Nylon6/6, RMS-46;Color:Black | | | | | |
| WITA-50RLDH-M | WITA50RLDH-UV-M | 222 | 225 | 4.8 | 1.3 | 1000 |
| WITA-50LDH-M | WITA-50LDH-UV-M | 222 | 370 | 4.8 | 1.3 | 1000 |

SR 1768

## Releasable Cable Ties

**UL94 Nylon 6.6, RMS-01**

NEW





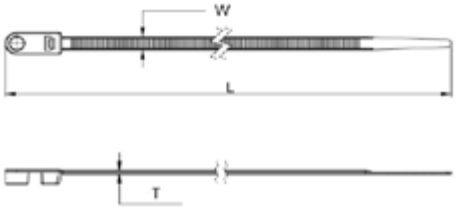

| Part Number | Color | Length mm | Width mm | Length of teeth mm | Max. Bundle Dia. mm | Min Loop Tensile Strength lbs (kg) | UL94 |
|---|---|---|---|---|---|---|---|
| 20705022 | Black | 150.0 | 7.6 | 109.0 | 35.0 | 50.0 | V2 |
| 20704964 | Natural | 150.0 | 7.6 | 109.0 | 35.0 | 50.0 | V2 |
| 20704902 | Black | 200.0 | 4.8 | 153.0 | 49.0 | 50.0 | V2 |
| 20705008 | Black | 200.0 | 7.6 | 155.0 | 45.0 | 50.0 | V2 |
| 20704995 | Black | 250.0 | 7.6 | 207.0 | 60.0 | 50.0 | V2 |
| 20704988 | Black | 300.0 | 7.6 | 250.0 | 76.0 | 50.0 | V2 |

SR 1722

## Mounted Cable Ties

**Nylon 6.6**

NEW






| Part Number | Color | Length mm | Width mm | Length of teeth mm | Max. Bundle Dia. mm | Min Loop Tensile Strength lbs (kg) |
|---|---|---|---|---|---|---|
| 20705046 | Natural | 200.0 | 4.8 | 152.0 | 45.0 | 50.0 |
| 20705039 | Natural | 300.0 | 4.8 | 253.0 | 75.0 | 50.0 |

THE ESSENTIALS GUIDE

CAPS & PLUGS APPLICATION GUIDE

# CAPS AND PLUGS APPLICATION GUIDE

**The Caps and Plugs edition of the Essentials Guide has been created to outline specific protection solutions for your project, in a number of key industrial manufacturing applications.**

**Many products that you manufacture are likely shipped to another location or customer, or simply moved along an assembly line as part of your production process. During these transits and end uses, it's important to protect vital parts to ensure efficient processes, safe use and reduced downtime. Explore our guide to see what we recommend when protecting your products.**

## EQUIPMENT MANUFACTURING

Ensure smooth assembly and transit to your customers by protecting critical internal and external profiles from damage, maintaining quality and a timely delivery. Key equipment to protect includes enclosures, indoor and outdoor cabinets, HVAC units and generators.

Essentra recommends protecting with:



*Domed Blanking Plug (Pg 259)*



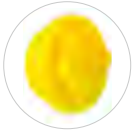
*Silicone Cap (Pg 76)*



## VEHICLES

In applications where precision is everything, it's essential to guard fuel lines from potential debris contamination and protect vital threads from damage during shipment and masking. Key vehicle parts to protect are diesel/petrol pumps, engines, specialist vehicle fittings, powertrains and brake systems.

Essentra recommends protecting with:



*Sealing Slottex Plug (Pg 33)*

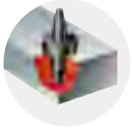


*Tapered Cap (Pg 3)*

## METAL FABRICATION

Guarantee a professional finish every time by masking holes, studs and contact points during painting, blasting, and finishing processes. By protecting important areas of fabricated metal with easy-to-fit caps and plugs, you can successfully increase customer satisfaction and minimise recall of finished products. Key areas to guard include electrical contact points, threaded holes or studs and welding areas.

Essentra recommends protecting with:



*Masking Washer Plug (Pg 85)*

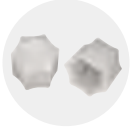


*Multi-Flex Caps (Pg 19)*

## HOSES & HYDRAULICS

Safe operation of devices using hydraulic fluid calls for specialist hose-fitting protection and coverage. The right cap or plug can help mitigate fluid spills and maintain hose integrity when looking to ensure constant machinery uptime and user safety. Key hydraulic parts that need safeguarding include grease nipples, DKO-compression fittings, fuel lines and banjo unions.

Essentra recommends protecting with:



*Hexagonal Caps (Pg 54)*



*Banjo Union Cap (Pg 56)*

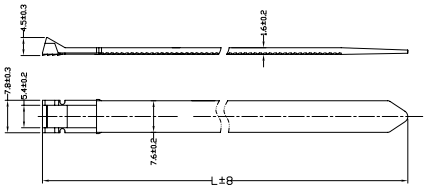
For free samples, no-obligation quotes, advice about our products or to place an order, please contact us by phone, email or web. Refer to the back cover of this catalogue for contact information.

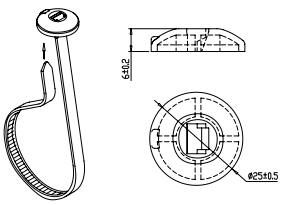
CCT

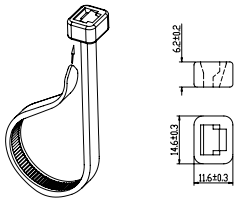
## Chasis Cable Tie

**Nylon 6/6, RMS-01**

• Cable Tie is sold with Base



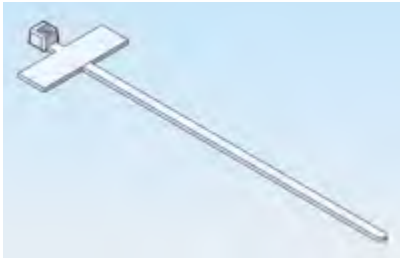

Base 1 Base 2

| Part Number | L (mm) | Max. Bundle Dia. (mm) | Min Loop Tensile Strength (Kg) | Base Match | Std Pack Qty |
|---|---|---|---|---|---|
| CCT-RH-175 | 175 | 45 | 65 | 1 | 100 |
| CCT-RH-250 | 250 | 70 | 65 | 1 | 100 |
| CCT-RH-365 | 365 | 100 | 65 | 1 | 100 |
| CCT-SH-203 | 203 | 50 | 54.4 | 2 | 100 |
| CCT-SH-380 | 380 | 105 | 54.4 | 2 | 100 |

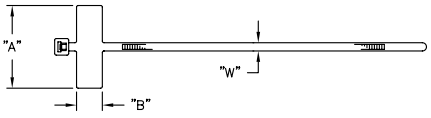
WITA-F1/F2

## Marker Flag Wrap-It Tie

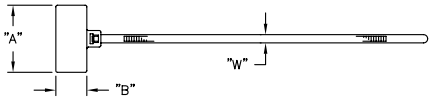
**UL94 V2 Nylon6/6,RMS-01**



WITA-F1-18R




WITA-F2-18R




| Part Number | Min Loop Tensile Strength lbs (N) | Length Ref. | Max. Bundle Dia. | "W"Width Ref. | "T" Thickness Ref. | "A" Ref. | "B" Ref. | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| WITA-F1-18R-M | 80 | 100 | 22 | 2.5 | 1 | 25.4 | 7.9 | 1000 |
| WITA-F2-18R-M | 80 | 110 | 25 | 2.5 | 1 | 25.4 | 7.9 | 1000 |

SR 6105

## Double-Locking Cable Ties

**Black Nylon 6.6**

• Double-locking head design creates more secure fastening

• Tensile strength of cable tie loop greater than that of a standard cable tie



| Part Number | Max. Bundle Dia. (mm) | Dimensions (mm) | | Tensile LBS/kg | Std Pack Qty |
|---|---|---|---|---|---|
| | | Length | Width | | |
| 490000 | 30.0 | 132.0 | 9.0 | 77/35 | 100 |
| 490001 | 45.0 | 180.0 | 9.0 | 77/35 | 100 |
| 490002 | 55.0 | 235.0 | 9.0 | 121/55 | 100 |
| 490003 | 78.0 | 265.0 | 9.0 | 121/55 | 100 |
| 490004 | 88.0 | 300.0 | 9.0 | 121/55 | 100 |
| 490005 | 100.0 | 360.0 | 9.0 | 121/55 | 100 |
| 490006 | 160.0 | 510.0 | 9.0 | 121/55 | 100 |
| 490007 | 180.0 | 610.0 | 9.0 | 121/55 | 100 |
| 490008 | 230.0 | 760.0 | 9.0 | 121/55 | 100 |

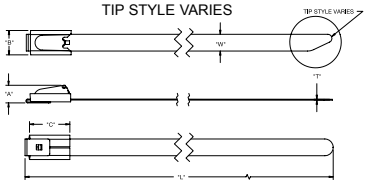
MTG-1

## Stainless Steel Cable Tie Installation Tool



MT

## Stainless Steel Cable Ties






| Part Number | Min Loop Tensile Strength (Kg) | Dimensions (mm) | | | | | | | Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | "W" | "L" Length Approx. | "T" | Max. Bundle Ø | "A" | "B" | "C" | | |
| MT-1 | 45 | 4.6 | 127 | 0.25 | 25 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 100 |
| MT-2 | 45 | 4.6 | 201 | 0.25 | 51 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 100 |
| MT-3 | 45 | 4.6 | 259 | 0.25 | 70 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 100 |
| MT-4 | 45 | 4.6 | 362 | 0.25 | 102 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 100 |
| MT-5 | 45 | 4.6 | 521 | 0.25 | 152 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 100 |
| MT-6 | 45 | 4.6 | 679 | 0.25 | 203 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 100 |
| MT-7 | 45 | 4.6 | 838 | 0.25 | 254 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 100 |
| MT-8 | 45 | 4.6 | 998 | 0.25 | 304 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 50 |
| MT-9 | 45 | 4.6 | 1250 | 0.25 | 380 | 4.3 | 6.4 | 11.4 | 304 Stainless Steel, RMS-381 | 50 |
| MT-10 | 113 | 7.9 | 201 | 0.25 | 51 | 5.6 | 10.2 | 13.8 | 304 Stainless Steel, RMS-381 | 100 |
| MT-11 | 113 | 7.9 | 362 | 0.25 | 102 | 5.6 | 10.2 | 13.8 | 304 Stainless Steel, RMS-381 | 100 |
| MT-12 | 113 | 7.9 | 521 | 0.25 | 152 | 5.6 | 10.2 | 13.8 | 304 Stainless Steel, RMS-381 | 100 |
| MT-13 | 113 | 7.9 | 679 | 0.25 | 203 | 5.6 | 10.2 | 13.8 | 304 Stainless Steel, RMS-381 | 100 |
| MT-14 | 113 | 7.9 | 838 | 0.25 | 254 | 5.6 | 10.2 | 13.8 | 304 Stainless Steel, RMS-381 | 50 |
| MT-15 | 113 | 7.9 | 998 | 0.25 | 304 | 5.6 | 10.2 | 13.8 | 304 Stainless Steel, RMS-381 | 50 |
| MT-16 | 45 | 4.6 | 127 | 0.25 | 25 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 100 |
| MT-17 | 45 | 4.6 | 201 | 0.25 | 51 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 100 |
| MT-18 | 45 | 4.6 | 259 | 0.25 | 70 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 100 |
| MT-19 | 45 | 4.6 | 362 | 0.25 | 102 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 100 |
| MT-20 | 45 | 4.6 | 521 | 0.25 | 152 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 100 |
| MT-21 | 45 | 4.6 | 679 | 0.25 | 203 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 100 |
| MT-22 | 45 | 4.6 | 838 | 0.25 | 254 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 100 |
| MT-23 | 45 | 4.6 | 998 | 0.25 | 304 | 4.3 | 6.4 | 11.4 | 316 Stainless Steel, RMS-382 | 50 |
| MT-25 | 113 | 7.9 | 201 | 0.25 | 51 | 5.6 | 10.2 | 13.8 | 316 Stainless Steel, RMS-382 | 100 |
| MT-26 | 113 | 7.9 | 362 | 0.25 | 102 | 5.6 | 10.2 | 13.8 | 316 Stainless Steel, RMS-382 | 100 |
| MT-27 | 113 | 7.9 | 521 | 0.25 | 152 | 5.6 | 10.2 | 13.8 | 316 Stainless Steel, RMS-382 | 100 |
| MT-30 | 113 | 7.9 | 998 | 0.25 | 304 | 5.6 | 10.2 | 13.8 | 316 Stainless Steel, RMS-382 | 50 |

SR 1792

## Cable Ties with Stainless Steel Tooth

**Nylon 6.6 with stainless steel tooth**

- For durable locking in adverse conditions such as humidity, heat, cold, vibration and shock
- The corrosion proof, non magnetic steel tooth firmly anchors inside the cable tie body for a secure lock
- Operating temperature: -40°C to 85°C
- Flammability rating UL 94 V2



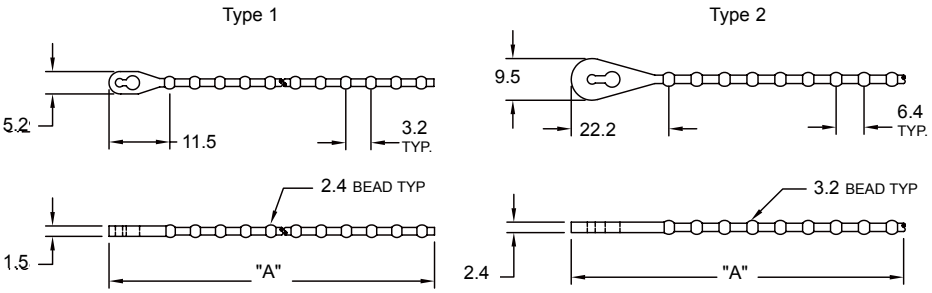
| Part Number | Max Cable | Dimensions (mm) | | Tensile | Std Pack |
|---|---|---|---|---|---|
| Black | Bundle Dia (mm) | Length | Width | LBS/kg | Qty |
| 495186 | 24 | 100 | 2.5 | 18/8 | 100 |
| 495188 | 53 | 200 | 2.5 | 18/8 | 100 |
| 495190 | 35 | 150 | 3.6 | 18/40 | 100 |
| 495192 | 53 | 200 | 3.6 | 18/40 | 100 |
| 495194 | 80 | 280 | 3.6 | 18/40 | 100 |
| 495196 | 53 | 200 | 4.8 | 22/50 | 100 |
| 495198 | 78 | 290 | 4.8 | 22/50 | 100 |
| 495200 | 102 | 360 | 4.8 | 22/50 | 100 |

**BT**

## Beaded Tie

- Design allows ties to be easily applied and released
- Tie design prevents slipping





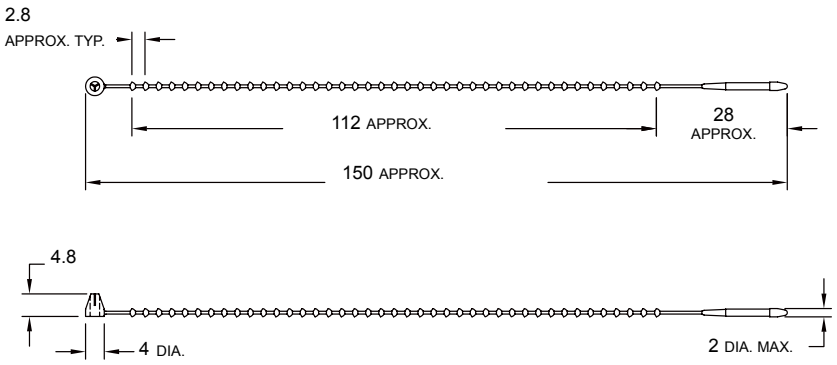

| PP, RMS-10 | | | PP, RMS-01 | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Red | Yellow | Blue | Natural | | A | Max Bundle Ø (Requires 3 bead engagement) | |
| BT-2-10-RD | BT-2-10-YL | BT-2-10-BL | BT-2-01-NT | 1 | 63.5 | 14.3 | 1000 |
| BT-4-10-RD | BT-4-10-YL | BT-4-10-BL | BT-4-01-NT | 1 | 101.6 | 25.4 | 1000 |
| BT-5-10-RD | BT-5-10-YL | BT-5-10-BL | BT-5-01-NT | 1 | 127.0 | 31.8 | 1000 |
| BT-6-10-RD | BT-6-10-YL | BT-6-10-BL | BT-6-01-NT | 1 | 152.4 | 44.5 | 1000 |
| BT-8-10-RD | BT-8-10-YL | BT-8-10-BL | BT-8-01-NT | 2 | 222.3 | 60.3 | 1000 |
| BT-10-10-RD | BT-10-10-YL | BT-10-10-BL | BT-10-01-NT | 2 | 273.1 | 85.7 | 1000 |
| BT-12-10-RD | BT-12-10-YL | BT-12-10-BL | BT-12-01-NT | 2 | 323.9 | 92.1 | 1000 |

**LBT**

## Locking Beaded Tie

**Natural UL94 V2 Nylon 6/6, RMS-01**

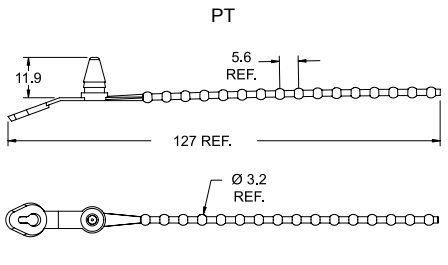


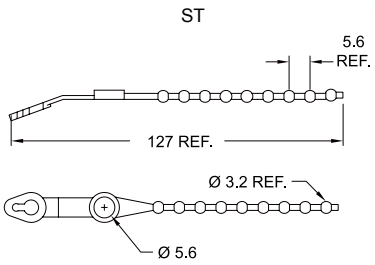



| Part Number | Min. Loop Tensile Strength (Kg) | Max. Bundle Ø (mm) | Std Pack Qty |
|---|---|---|---|
| LBT-18-01 | 8 | 35.6 | 1000 |

PT/ST

## Beaded Wire Tie



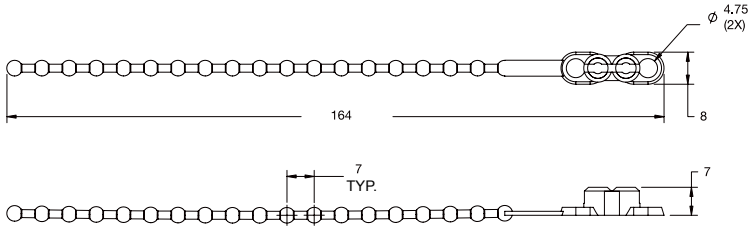



| Part Number | | Colour | Bundle Ø Range (mm) | Mounting Method | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| PP, RMS-10 | UL94 V2 Nylon 6/6, RMS-01 | | | | | |
| PT-203 | PT-303 | Black | 6.4 - 31.8 | Snap-lock in a Ø 6.4 hole | 0.8 - 3.2 | 1000 |
| ST-205 | ST-305 | Natural | 6.4 - 31.8 | Ø 5.6 clearance hole for screw | - | 1000 |

HTE

## Beaded Hanking Tie

**Natural Polyethylene, RMS-155**



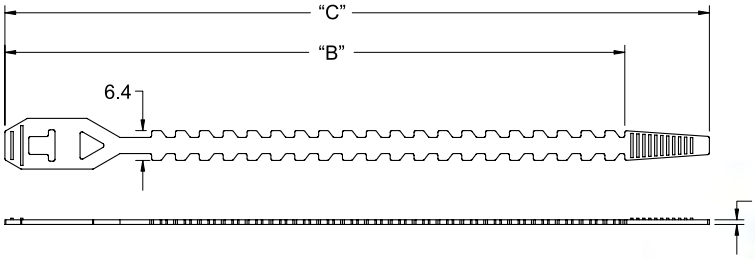


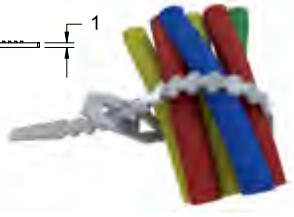

| Part Number | Std Pack Qty |
|---|---|
| HTE-164-PE3L/1H | 1000 |

HT

## Hanking Tie

**Natural Polyethylene, RMS-134**



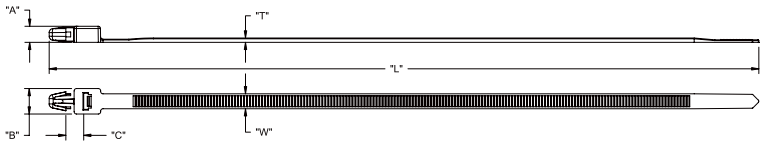
| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Max. Bundle Ø | "B" | "C" | |
| HT-3.9 | 23 | 81 | 99 | 1000 |
| HT-4.9 | 28 | 107 | 125 | 1000 |
| HT-5.9 | 36 | 132 | 150 | 1000 |

WIT-50RLA

# Push Mount Ties

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Min. Loop Tensile Strength (Kg) | Dimensions (mm) | | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | "W" | "L" | "T" | Max. Bundle Ø | "A" | "B" | "C" | Hole Ø | Panel Thickness | |
| WIT-50RLA-M | 22 | 4.8 | 225 | 1.3 | 50.8 | 5.1 | 8.1 | 5.4 | 4.8±0.08 | 3.2 | 1000 |
| WIT-50RLA-1 | 22 | 4.8 | 135 | 1.3 | 25.4 | 6.5 | 8.1 | 6 | 6.35±0.08 | 3.2 | 1000 |
| WIT-50RLA-2 | 22 | 4.8 | 170 | 1.3 | 38.1 | 6.5 | 8.1 | 6 | 6.35±0.08 | 3.2 | 1000 |
| WIT-50RLA-3 | 22 | 4.8 | 200 | 1.3 | 44.5 | 6.5 | 8.1 | 6 | 6.35±0.08 | 3.2 | 1000 |
| WIT-50RLA-4 | 22 | 4.8 | 130 | 1.3 | 25.4 | 5.1 | 8.1 | 5.4 | 4.7±0.05 | 2.36 | 1000 |

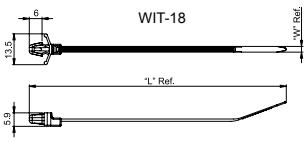
WIT-RA/WIT-SA

# Push Mount Ties

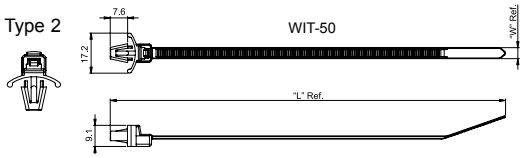
**Natural UL94 V2 Nylon 6/6, RMS-01**

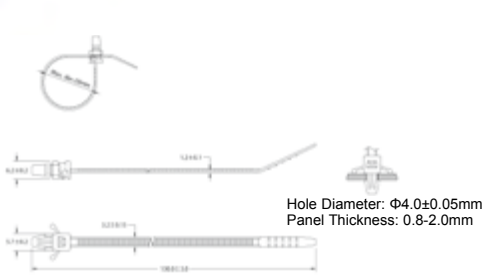


Type 1

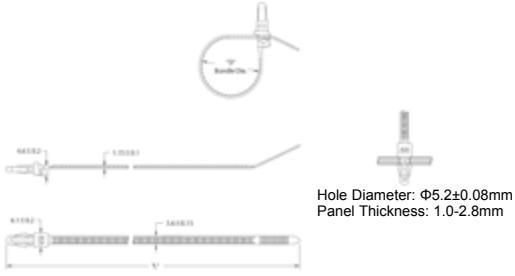



Type 2




Type 3



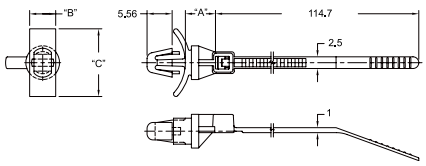

Type 4

| Part Number | Type | Min. Loop Tensile Strength (Kg) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | "W" | "L" | Max. Bundle Ø | Hole Ø | Panel Thickness | |
| WIT-18RA-01 | 1 | 8 | 2.5 | 109 | 21 | 4.8 | 1.6 | 1000 |
| WIT-50SA-01 | 1 | 22 | 4.8 | 133 | 23 | 6.4 | 1.6 | 1000 |
| WIT-50SRA-01 | 1 | 22 | 4.8 | 173 | 36 | 6.4 | 1.6 | 1000 |
| WIT-50RA-01 | 1 | 22 | 4.8 | 198 | 43 | 6.4 | 1.6 | 500 |
| WIT-50SA-1-01 | 2 | 22 | 4.8 | 133 | 23 | 6.4-6.8 | 0.8-2 | 1000 |
| WIT-50SRA-1-01 | 2 | 22 | 4.8 | 173 | 36 | 6.4-6.8 | 0.8-2 | 1000 |
| WIT-50RA-1-01 | 2 | 22 | 4.8 | 198 | 43 | 6.4-6.8 | 0.8-2 | 500 |
| WIT-30R1A-4-01 | 3 | 13.6 | 3.2 | 133 | 28 | 3.95-4.05 | 0.8-2 | 1000 |
| WIT-30R3A-4-01 | 4 | 13.6 | 3.6 | 133 | 26 | 5.12-5.28 | 1.0-2.8 | 1000 |
| WIT-30R3A-5-01 | 4 | 13.6 | 3.6 | 153 | 32 | 5.12-5.28 | 1.0-2.8 | 1000 |

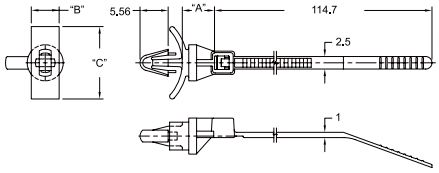
## WIT-18RA
# Push Mount Ties

LINE EXTENSION

Type 1



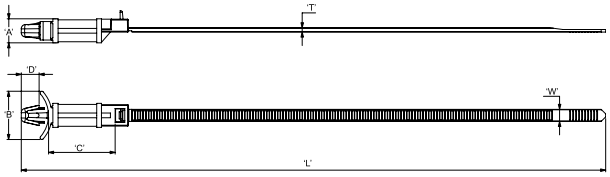

Type 2






| Part Number | | Min. Loop Tensile Strength (Kg) | Max. Bundle Ø | Type | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| Natural UL94V2, Nylon 6/6, RMS-01 | Black UL94V, Nylon 6/6, RMS-46 | | | | "A" | "B" | "C" | Hole Ø ± 0.08 | Panel Thickness | |
| WIT-18RA-4-01-M | WIT-18RA-4-UV | 8 | 19.1 | 1 | 6.4 | 5.56 | 14.29 | 4.75 | 0.8 - 2.0 | 1000 |
| WIT-18R1A-4-01 | - | 8 | 19.1 | 2 | 6.4 | 5.56 | 14.29 | 4.00 | 0.8 - 2.0 | 1000 |
| WIT-18R2A-4-01 | WIT-18R2A-4-UV | 8 | 19.1 | 1 | 6.4 | 2.79 | 13.90 | 4.75 | 1.6 - 3.6 | 1000 |

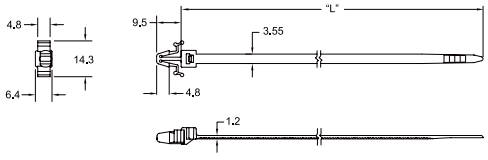
## WIT-30RRA
# Push Mount Ties
**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Min. Loop Tensile Strength (Kg) | Dimensions (mm) | | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 'W' | 'L' | 'T' | Max. Bundle Ø | 'A' | 'B' | 'C' | 'D' | Hole Ø ± 0.08 | Panel Thickness | |
| WIT-30RRA-4-M | 13 | 3.6 | 160.3 | 1.3 | 31.8 | 7.1 | 14.3 | 7.1 | 5.3 | 4.80 | 0.8 - 2 | 1000 |
| WIT-30RRA-8-M | 13 | 3.6 | 166.7 | 1.3 | 31.8 | 7.1 | 14.3 | 13.5 | 5.3 | 4.80 | 0.8 - 2 | 1000 |
| WIT-30RRA-12-M | 13 | 3.6 | 173.0 | 1.3 | 31.8 | 7.1 | 14.3 | 19.8 | 5.3 | 4.80 | 0.8 - 2 | 1000 |
| WIT-30RRA-16-M | 13 | 3.6 | 179.4 | 1.3 | 31.8 | 7.1 | 14.3 | 25.4 | 5.3 | 4.80 | 0.8 - 2 | 1000 |
| WIT-30RRAA-4-M | 13 | 3.6 | 161.6 | 1.3 | 31.8 | 7.9 | 14.3 | 7.1 | 6.6 | 6.35 | 0.8 - 2 | 1000 |
| WIT-30RRAA-8-M | 13 | 3.6 | 168.0 | 1.3 | 31.8 | 7.9 | 14.3 | 13.5 | 6.6 | 6.35 | 0.8 - 2 | 1000 |
| WIT-30RRAA-12-M | 13 | 3.6 | 174.3 | 1.3 | 31.8 | 7.9 | 14.3 | 19.8 | 6.6 | 6.35 | 0.8 - 2 | 1000 |
| WIT-30RRAA-16-M | 13 | 3.6 | 180.7 | 1.3 | 31.8 | 7.9 | 14.3 | 25.4 | 6.6 | 6.35 | 0.8 - 2 | 1000 |

## WIT-30RAR/WIT-30LAR
# Releasable Push Mount Ties
**Natural UL94 V2 Nylon 6/6, RMS-01**



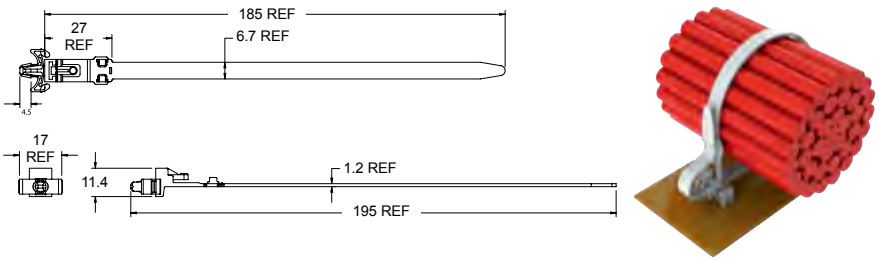



| Part Number | Min. Loop Tensile Strength (Kg) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "L" Ref. | Max. Bundle Ø | Hole Ø ± 0.08 | Panel Thickness | |
| WIT-30RAR1-2 | 13 | 120.7 | 25.4 | 4.8 | 2 - 2.4 | 1000 |
| WIT-30LAR1-2 | 13 | 146 | 31.8 | 4.8 | 2 - 2.4 | 1000 |

SR 1828, WIT-40LAR

## Releasable Push Mount Ties

**Natural UL94 V-2 Nylon 6/6, RMS-01**



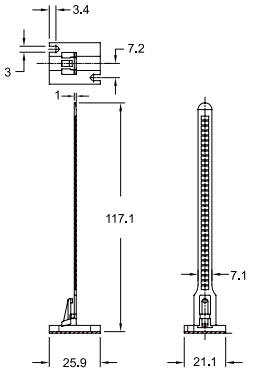

| Part Number | Minimum Loop Tensile Strength (Kg) | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | Max Bundle Ø | Hole Ø | Panel Thickness | |
| WIT-40LAR | 18 | 50 | 4.8 ± .08 | 0.5-2.3 | 1000 |

TOBS

## Adhesive/Screw Mount Tie

**Black UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Max. Bundle Ø (mm) | Mounting Screw | Std Pack Qty |
|---|---|---|---|
| TOBS-18-01A-RT | 28.5 | M2.5 | 1000 |
| 0.8 Thick Acrylic Adhesive Tape, RMS-15 | | | |

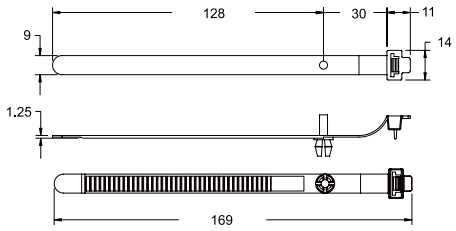
SRRCT

## Rivet Mount Cable Tie

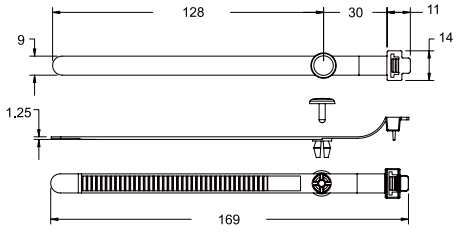
**Black UL94 V2 Nylon 6/6, RMS-01**



Type 1

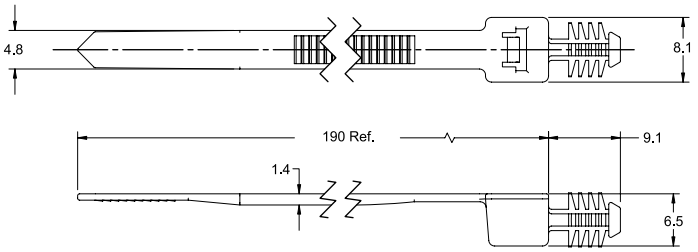



Type 2




| Part Number | Type | Max. Loop Tensile Strength (N) | Dimensions (mm) | | | Rivet Pin Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | Max. Bundle Ø | Hole Ø | Panel Thickness | | |
| SRRCT-1 | 1 | 250 | 40 | 7 | 2.5 | RMS-01 | 200 |
| SRRCT-2 | 2 | 250 | 40 | 7 | 2.5 | RMS-52 | 100 |

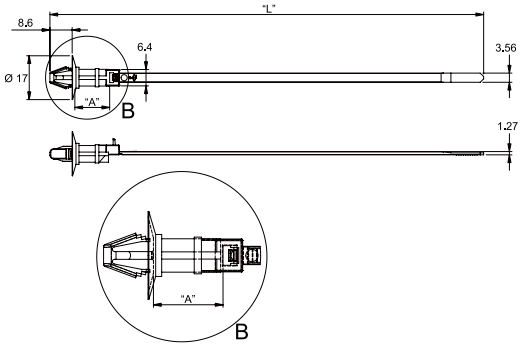
## WITBH
# Blind Hole Mount Cable Ties






| Part Number | | Max. Loop Tensile Strength (mm) | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Natural UL94 V-2 Nylon 6/6, RMS-01 | Black UL94 V-2 Heat Stabilized Nylon 6/6, RMS-47 | | Max. Bundle Ø | Hole Ø | Min. Panel Thickness | |
| WITBH-50R | WITBH-50R-HS | 22 | 44.5 | 6.35 | 6.35 | 1000 |

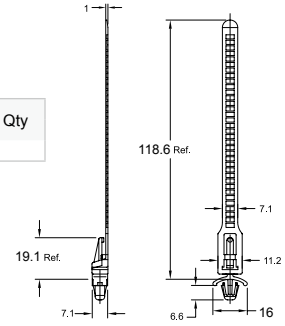
## WIT-30RCA
# Cupped Cable Ties
**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Min. Loop Tensile Strength (mm) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | "L" | Max. Bundle Ø | "A" | Hole Ø | Panel Thickness | |
| WIT-30RCA-4-M | 13 | 160.7 | 31.8 | 7.1 | Ø 6 - 6.5 | 0.6 - 2.5 | 1000 |
| WIT-30RCA-8-M | 13 | 168.3 | 31.8 | 13.5 | Ø 6 - 6.5 | 0.6 - 2.5 | 1000 |
| WIT-30RCA-12-M | 13 | 174.6 | 31.8 | 19.8 | Ø 6 - 6.5 | 0.6 - 2.5 | 1000 |
| WIT-30RCA-16-M | 13 | 180.2 | 31.8 | 25.4 | Ø 6 - 6.5 | 0.6 - 2.5 | 1000 |

## TOAH
# Tie On Push Mount Cable Ties
**Natural UL94 V2 Nylon 6/6, RMS-01**





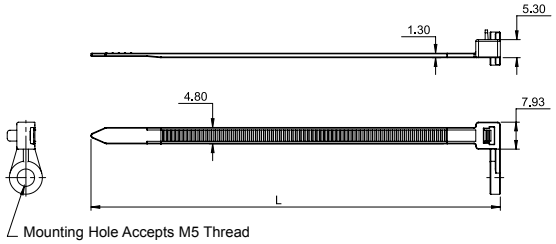

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Max. Bundle Ø | Hole Ø | Panel Thickness | |
| TOAH-18-01 | 28.5 | 6.35 | 1.6 | 1000 |

WIT-FH

## Releasable Cable Tie with Flat Holder

**Black UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Min. Loop Tensile Strength Lbs | Length Ref.(mm) | Max. Bundle Dia.(mm) | Std Pack Qty |
|---|---|---|---|---|
| WIT-FH-1 | 50 | 120 | 25mm | 1000 |

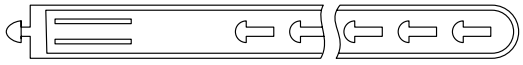
SR 1776

## Belt Ties

**PE**

- For simple bundling of electrical wires
- Flexible design
- Quick release

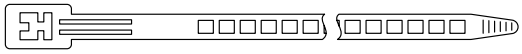




Type 1



Type 2



Type 3

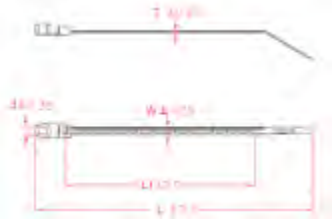
| Part Number | | Type | Max Cable Bundle Dia (mm) | Dimensions (mm) | | Tensile LBS/kg | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Natural | Black | | | Length | Width | | |
| 462689 | - | 1 | 35.0 | 130.0 | 15.0 | 30/14 | 100 |
| 462690 | 462693 | 2 | 45.0 | 160.0 | 9.0 | 18/8 | 100 |
| 462691 | 462694 | 3 | 38.0 | 140.0 | 9.0 | 18/8 | 100 |

SR 1772

## Screw Mount Cable Tie

**Nylon 6/6, UL94 V2 RMS-01**





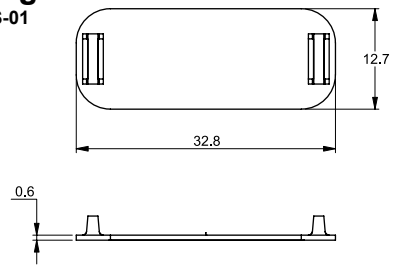
| Part Number | | Max Cable Bundle Dia (mm) | Dimensions (mm) | | | | | Tensile LBS/kg | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Black | Natural | | L | L1 | W | T | D | | |
| 461261 | 461242 | 25.0 | 100.0 | 77 | 2.5 | 2.5 | 3.2 | 18/8 | 100 |
| 461262 | 461243 | 40.0 | 171.5 | 124 | 3.7 | 1.3 | 5.0 | 40/18 | 100 |
| 461263 | 461244 | 60.0 | 219 | 174 | 4.2 | 1.3 | 5.0 | 50/22 | 100 |
| 461264 | 461245 | 85.0 | 300.0 | 257.6 | 4.8 | 1.6 | 4.8 | 50/22 | 100 |
| 461265 | 461246 | 102.0 | 370.0 | 324 | 4.8 | 1.5 | 4.8 | 50/22 | 100 |
| 461266 | 461247 | 122.0 | 398.0 | 345 | 7.9 | 1.8 | 6.0 | 120/55 | 100 |

WIT-MK

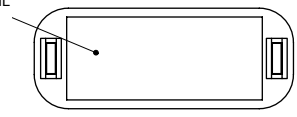
## Cable Tie Marker Tag

**Natural UL94 V2 Nylon 6/6, RMS-01**






MATTED SURFACE TO ACCEPT INK OR PENCIL

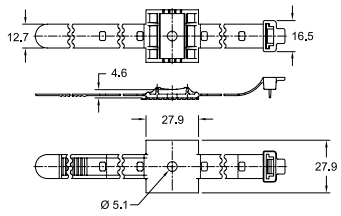


| Part Number | Cable Ties Accepted | Std Pack Qty |
|---|---|---|
| WIT-MK-1 | All RG cable ties up to size RG-207/307 | 1000 |

UMS

## Universal Mounting Strap

**Black UL94 HB Nylon 6/6, RMS-45**






| For Panel Thickness (mm) | Richco Rivet Number |
|---|---|
| Up to 0.5 | SR-5045 |
| 0.5 - 1.5 | SR-5055 |
| 1.5 - 2.5 | SR-5065 |
| 2.5 - 3.5 | SR-5075 |
| 3.5 - 4.5 | SR-5085 |
| 4.5 - 5.5 | SR-5095 |
| 5.5 - 6.4 | SR-5105 |

| Part Number | | Max. Bundle Ø (mm) | Mounting Screw/Rivet | Std Pack Qty |
|---|---|---|---|---|
| Without Adhesive | With Acrylic Adhesive, RMS-15 | | | |
| UMS-16-45 | UMS-16-45A-RT | 25.4 | M4 | 100 |
| UMS-24-45 | UMS-24-45A-RT | 38.1 | M4 | 100 |
| UMS-32-45 | UMS-32-45A-RT | 50.8 | M4 | 100 |

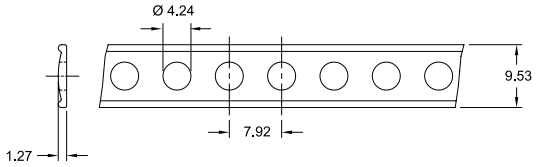
RNS/LB

## Nylon Strap and Locking Button

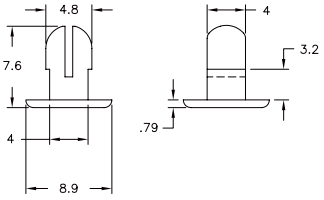
**RNS/LB , Black**



RNS-167




LB-5



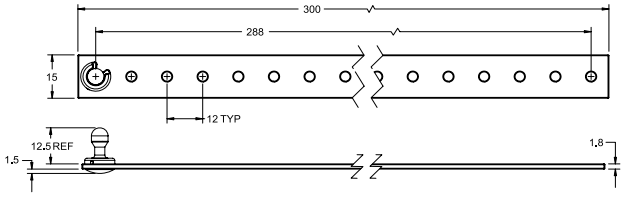

| Part Number | Material | Std Pack Qty |
|---|---|---|
| RNS-167 | UL94 HB Nylon 6/6, RMS-17 | 30M Roll |
| LB-5 | UL94 V-2 Nylon 6/6, RMS-01 | 100/Bag |

ES

## Elastomer Strap

**Strap: Silicone Rubber, 50 Shore A, RMS-417**
**Latch Pin: Black UL94 HB Nylon 6/6, RMS-148**






| Part Number | Maximum Bundle | Std Pack Qty |
|---|---|---|
| ES-1 | 80mm | 1000 |

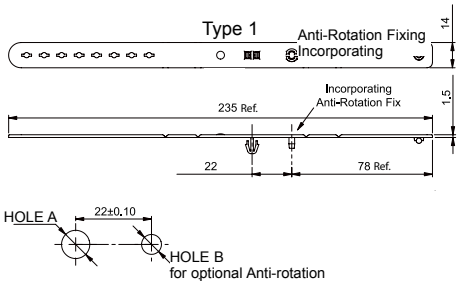
For additional Latch Pins, order part no. CS-113-6

CMS

## Cable Management Strap

**UL94 V0 Nylon 6/6, RMS-19**





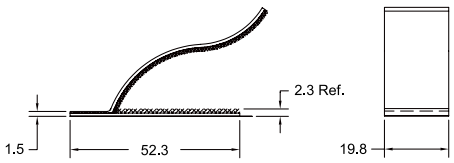

| Part Number | Dimensions (mm) | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Panel Hole A | Anti-Rotation Panel Hole B | Panel Thickness | Max. Bundle (W x H) | | |
| CMS-1 | Ø6 - 6.5 | Ø 3.5 | 3±0.2 | 70 x 30 | 1 | 250 |

RKWFA

## Kwik Wrap on Adhesive Hook & Loop

**Black LDPE Hook, RMS-249; Nylon Knit Loop, RMS-251; Acrylic Adhesive, RMS-113**





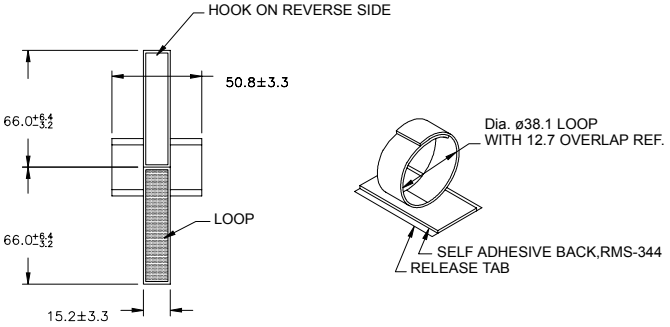

| Part Number | Holding Ø (mm) | Std Pack Qty |
|---|---|---|
| RKWFA-16-300 | 19.05 Max. | 100 |

RKWB

## Kwik Wrap on Base Hook & Loop

**Hook and Loop,RMS-343,Black**



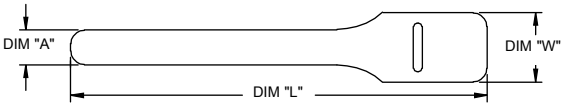


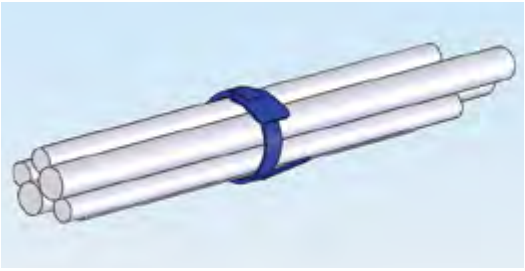

| Part Number | Std Pack Qty |
|---|---|
| RKWB-1 | 100 |

RKW

# Kwik Wrap Hook & Loop

**Low Density Polyethylene Hook, RMS-249**
**Nylon Knit Loop, RMS-251 ;Color:Black**



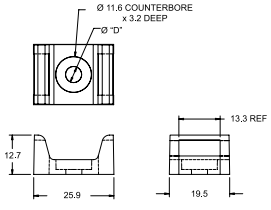
| Part Number | "A" ± 3.2 (mm) | "W" ± .3.2 (mm) | "L" ± 12.7 (mm) | Std Pack Qty |
|---|---|---|---|---|
| RKW-6-6-BK | 9.5 | 19.1 | 152.4 | 100 |
| RKW-8-6-BK | 12.7 | 25.4 | 152.4 | 100 |
| RKW-8-8-BK | 12.7 | 25.4 | 203.2 | 100 |
| RKW-8-11-BK | 12.7 | 25.4 | 279.4 | 100 |
| RKW-12-15-BK | 19.1 | 38.1 | 381 | 100 |
| RKW-8-13-BK | 12.7 | 25.4 | 330.2 | 100 |
| RKW-12-9-BK | 19.1 | 38.1 | 228.6 | 100 |

FTH-27

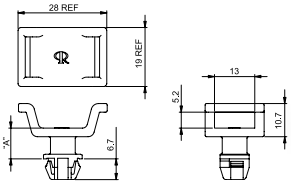
# Flat Tie Holder for Kwik Wrap

**UL94 V2 Nylon 6/6, RMS-01**

Type 1




Type 2






| MOUNTING RIVETS FOR FTH-27-RS-01 | | |
|---|---|---|
| Panel Thickness (mm) | Panel Hole Ø (mm) | Rivet Number |
| 0.9 - 1.9 | 5.1 | SR-5055 |
| 1.9 - 2.9 | 5.1 | SR-5065 |
| 2.9 - 3.9 | 5.1 | SR-5075 |
| 3.9 - 4.9 | 5.1 | SR-5085 |
| 4.9 - 5.9 | 5.1 | SR-5095 |
| 5.9 - 6.9 | 5.1 | SR-5105 |

| Part Number | Type | Colour | "D" | "A" | Mounting Method | Panel Thickness (mm) | Accepts RKW ties | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| FTH-27-RS-01 | 1 | Natural | 5.2 | - | M5 Screw or Rivets(see table) | - | Up to 13 mm wide | 1000 |
| FTH-27-12-01 | 1 | Natural | 5.8 | - | M5 Screw | - | Up to 13 mm wide | 1000 |
| FTH-27-1-01BK | 2 | Black | - | 3 | 9.5 ± 0.08 Square Hole | 0.8 - 2 | Up to 13 mm wide | 1000 |
| FTH-27-2-01BK | 2 | Black | - | 10 | 9.5 ± 0.08 Square Hole | 0.8 - 2 | Up to 13 mm wide | 500 |

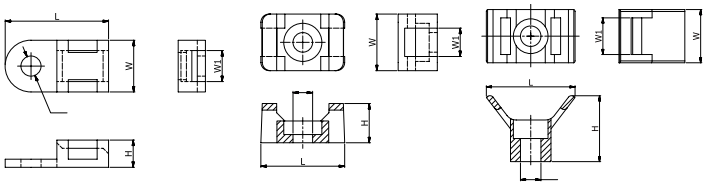
SR 1719

## Screw Mount Cable Tie Holder

**Nylon 6.6**

- Easy screw fixing
- Give maximum stability to wire bundle
- Flammability rating UL94 V2






Type 1 Type 2 Type 3

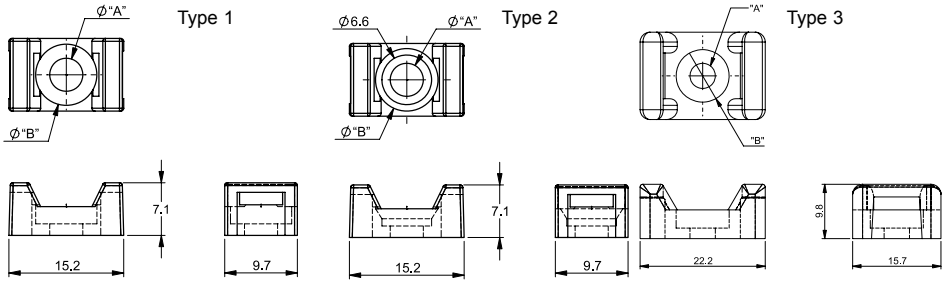
| Part Number | | Tie Size (mm) | Dimensions (mm) | | | | Panel Hole Size | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Natural | Black | | $w_1$ | L | H | W | | | |
| 460335 | 494649 | 2.4-4.8 | 5.0 | 19.0 | 5.0 | 9.5 | 3.4 | 1 | 100 |
| 460336 | 494650 | 2.4-4.8 | 5.0 | 15.0 | 7.0 | 10.0 | 3.0 | 2 | 100 |
| 460337 | 494651 | 2.4-9 | 9.0 | 23.0 | 9.8 | 16.0 | 6.0 | 2 | 100 |
| 460338 | 494652 | 2.4-9 | 9.5 | 23.0 | 17.5 | 13.8 | 5.3 | 3 | 100 |
| 460339 | 494653 | 2.4-9 | 9.3 | 30.0 | 11.6 | 14.7 | 5.2 | 3 | 100 |

FTH-13/FTH-14

## Screw Mount Cable Tie Holder

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Mounting Rivets for FTH -13R-01 | | |
|---|---|---|
| Rivet Number | Hole Ø (mm) | Panel Thickness (mm) |
| SR-4050 | 4.1 | 0.5 - 1.5 |
| SR-4060 | 4.1 | 1.5 - 2.5 |
| SR-4070 | 4.1 | 2.5 - 3.5 |
| SR-4080 | 4.1 | 3.5 - 4.5 |
| SR-4100 | 4.1 | 5.5 - 6.5 |

| Mounting Rivets for FTH -14R-01 | | |
|---|---|---|
| Rivet Number | Hole Ø (mm) | Panel Thickness (mm) |
| SR-5055 | 5.1 | 0.5 - 1.5 |
| SR-5065 | 5.1 | 1.2 - 2.2 |
| SR-5075 | 5.1 | 2.2 - 3.2 |
| SR-5085 | 5.1 | 3.2 - 4.2 |
| SR-5095 | 5.1 | 4.2 - 5.2 |
| SR-5105 | 5.1 | 5.2 - 6.2 |

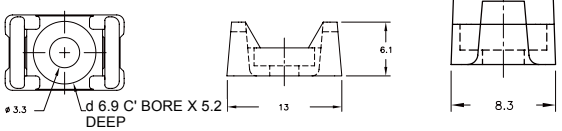
| Part Number | Type | Dimensions (mm) | | | Mounting Methods | Std Pack Qty |
|---|---|---|---|---|---|---|
| Natural UL94 V2 Nylon 6/6, RMS-01 | | Ø "A" | Ø "B" | Max Cable Tie Width Accepted | | |
| FTH-13R-01-M | 1 | 4.3 | 8.1 C'bore | 5.3 | M4 Screw or rivet (above) | 1000 |
| FTH-13S-01-M | 2 | 4.3 | 8.1 C'bore | 5.3 | M3 / M4 | 1000 |
| FTH-14R-01-M | 3 | 5.2 | 9.5 C'bore | 8.2 | M5 Screw or rivet (above) | 1000 |
| FTH-14S-01-M | 3 | 6.6 | 12.5 C'bore | 8.2 | M6 | 1000 |

FTH-28

## Screw Mount Cable Tie Holder

**Natural UL94 V2 Nylon 6/6, RMS-01**



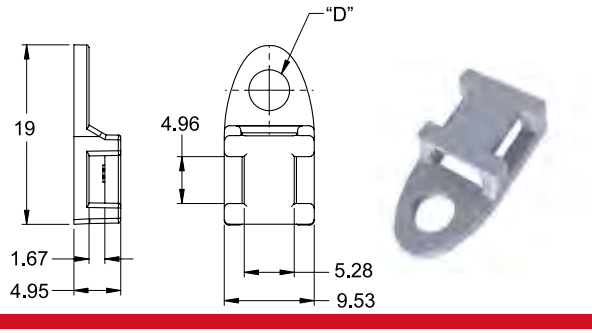



| Part Number | Max Cable Tie Width Accepted (mm) | Mounting Screw/Rivet | Std Pack Qty |
|---|---|---|---|
| FTH-28RS-01 | 3.2 | screw or rivets (see table) | 1000 |

| Mounting Rivets for FTH -28RS | | |
|---|---|---|
| Rivet Number | Hole Ø (mm) | Panel Thickness (mm) |
| SR-3035 | 3.1-3.2 | up to 0.9 |
| SR-3045 | 3.1-3.2 | 0.9 - 1.9 |
| SR-3055 | 3.1-3.2 | 1.9 - 2.9 |
| SR-3065 | 3.1-3.2 | 2.9 - 3.9 |
| SR-3075 | 3.1-3.2 | 3.9 - 4.9 |
| SR-3080 | 3.1-3.2 | 4.4 - 5.4 |
| SR-3090 | 3.1-3.2 | 5.4 - 6.4 |
| SR-3100 | 3.1-3.2 | 6.4 - 7.4 |

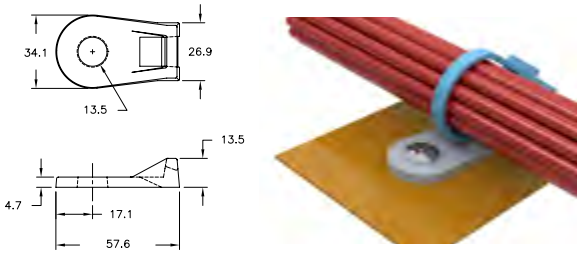
## FTH-34/FTH-35
# Screw Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "D" (mm) | Max Cable Tie Width Accepted (mm) | Mounting Screw | Std Pack Qty |
|---|---|---|---|---|
| FTH-34-01 | 4.3 | 4.8 | M4 | 1000 |
| FTH-35-01 | 5.1 | 4.8 | M5 | 1000 |



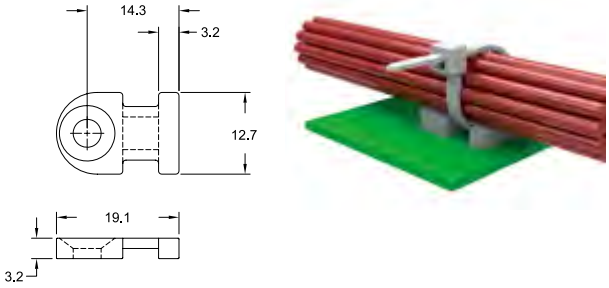

## FTH-17
# Screw Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | Max Cable Tie Width Accepted (mm) | Std Pack Qty |
|---|---|---|
| FTH-17-8-01 | 13.5 | 100 |



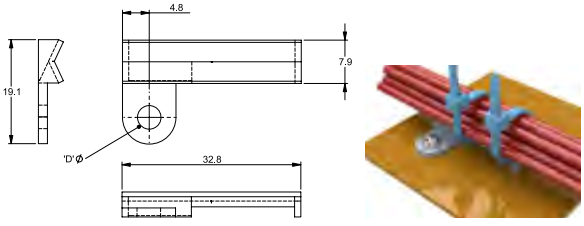

## FTH-1
# Screw Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | Max Cable Tie Width Accepted (mm) | Mounting Screw | Std Pack Qty |
|---|---|---|---|
| FTH-1-01-M | 4.8 | M4 Flat Head Screw | 1000 |



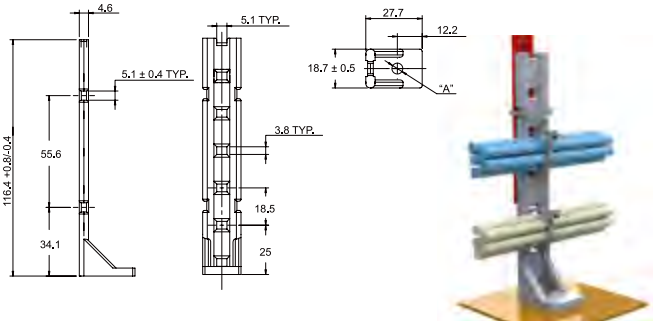

## FTH-11
# Screw Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "D" (mm) | Max Cable Tie Width Accepted (mm) | Std Pack Qty |
|---|---|---|---|
| FTH-11-8-01 | 4.3 | 18.9 | 100 |



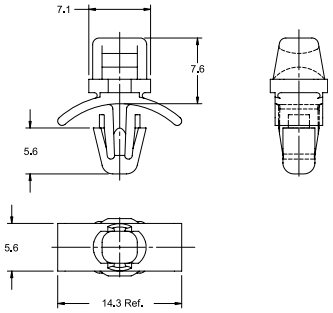

## FTH-24
# Screw Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A" (mm) | Max Cable Tie Width Accepted (mm) | Mounting Screw | Std Pack Qty |
|---|---|---|---|---|
| FTH-24-01 | 5.3 | 4.9 | M5 | 100 |
| FTH-24-1-01 | 6.4 | 4.9 | M6 | 100 |



## FTH-3
# Push Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

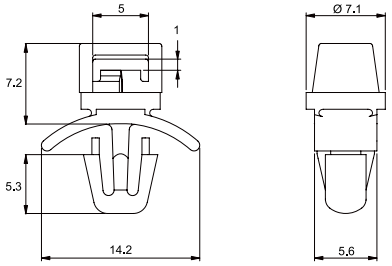





| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-3-01-M | 4.75 ± 0.08 | 0.79 - 1.98 | 3.5 | 1000 |

## FTH-3A
# Push Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

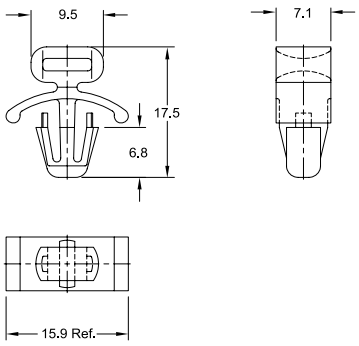





| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-3A-01 | 5.3 ± 0.08 | 0.8-2 | 4.8 | 1000 |

## FTH-6
# Push Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

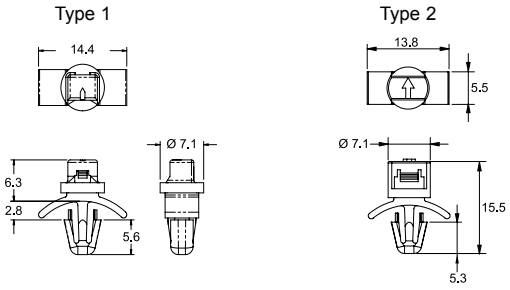





| Part Number | Colour | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-6-01-M | Natural | 6.35 ± 0.08 | 1.19 - 2.77 | 6.6 | 1000 |
| FTH-6-01BK-M | Black | 6.35 ± 0.08 | 1.19 - 2.77 | 6.6 | 1000 |

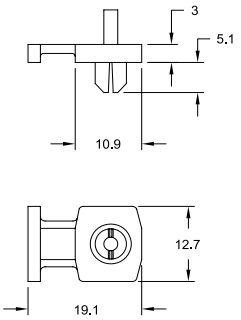
## FTH-30
# Push Mount Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Type | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-30-01 | 1 | 4.76 | 0.8 - 2 | 2 | 1000 |
| FTH-30-1-01 | 2 | 4.76 | 0.8 - 2 | 2 | 1000 |

## FTH-22
# Push Mount Cable Ties Holder
**Yellow UL94 V2 Nylon 6/6, RMS-01**

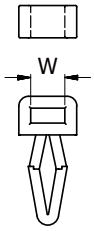




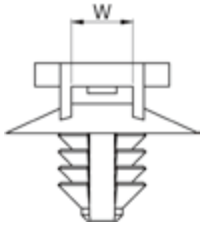

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-22-01 | 5±0.05 | 0.8 - 3.2 | 5.4 | 1000 |

## SR 1720
# Push Mount Cable Tie Holder
**Nylon 6.6**

- Easy one-push fit
- Flammability rating UL94 V2




Type 1



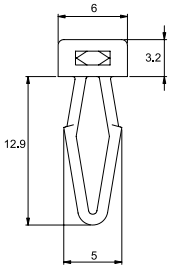

Type 2

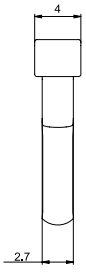


Type 2 - Black Nylon 6.6

| Part Number | | Type | W (mm) | Hole Ø (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Natural | Black | | | | |
| 142004000002 | 142004059902 | 1 | 4.0 | 3.2 | 500 |
| 142008000002 | 142008059902 | 1 | 8.1 | 6.4 | 500 |
| - | 462716 | 2 | 5.0 | 7.6 | 100 |

## FTH-39
# Cable Tie Holder



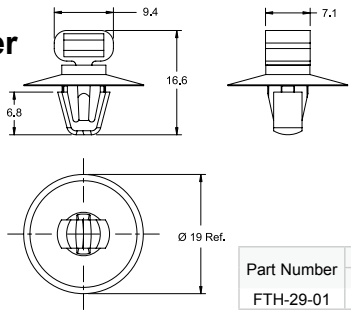






| Part Number | | Max Cable Tie Width Accepted | Hole Ø | Panel Thickness | Std Pack Qty |
|---|---|---|---|---|---|
| Natural UL94 V-2 Nylon 6/6, RMS-01 | Natural UL94 V-0 Nylon 6/6, RMS-19 | | | | |
| FTH-39-1-01 | FTH-39-1-19 | 2.8 | 3.2 | 1 - 4.5 | 1000 |

## FTH-29
# Cupped Base Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**

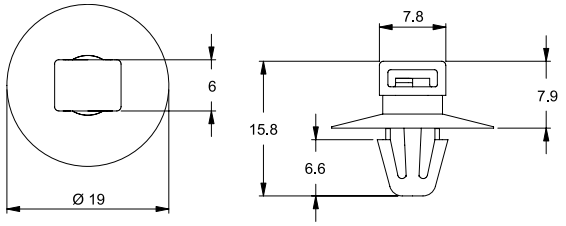





| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-29-01 | 6.35 ± 0.08 | 1.6 | 6 | 1000 |

## FTH-33
# Cupped Based Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**



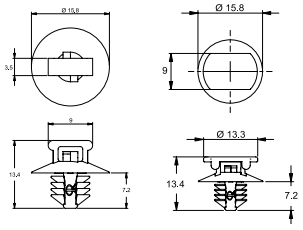



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Max Cable Tie Width Accepted | Hole Ø | Panel Thickness | |
| FTH-33-01 | 5.6 | 6.4 | 1.4 - 2 | 1000 |

## FTH-36/FTH-37
# Cupped Based Cable Tie Holder
**Black UL94 V2 Nylon 6/6, RMS-01**



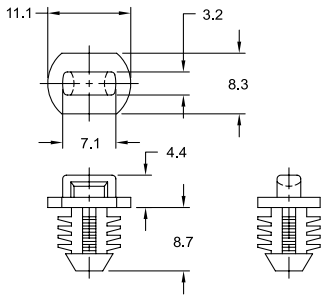
Type 1 Type 2




| Part Number | Type | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | Max Cable Tie Width Accepted | Hole Ø | Panel Thickness | |
| FTH-36-01BK | 1 | 4.8 | 6.5 - 7 | 0.8 - 3 | 1000 |
| FTH-37-01BK | 2 | 4.8 | 6.5 - 7 | 0.8 - 3 | 1000 |
| FTH-37-1-ASS | 2 | Pre-Assembled with Cabe Tie RG-311 | 6.5 - 7 | 0.8 - 3 | 1000 |

## FTH-15
# Blind Hole Cable Tie Holder
**Natural**



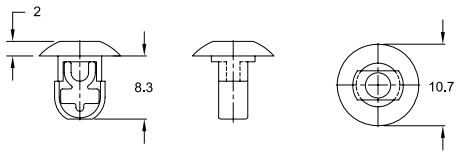



| Part Number | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-15-01-M | FTH-15-19-M | 8.0 | 6.4 Min. | 3.9 | 1000 |

**FTH-9**

## Cable Tie Holder

**Natural UL94 V2 Nylon 6/6, RMS-01**





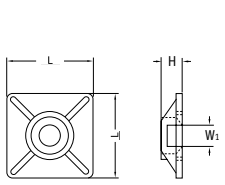

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Hole Ø | Panel Thickness | Max Cable Tie Width Accepted | |
| FTH-9-01-M | 6.35 ± 0.08 | 3.18 Max. | 4.8 | 1000 |

**SR 1718**

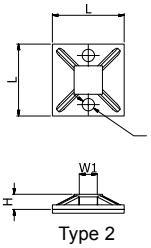
## Adhesive Tie Mounts

**Nylon 6.6**

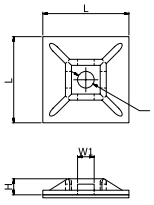
- Strong adhesion for quick and easy installation
- Ideal for lightweight wire bundles
- Flammability rating UL94 V2
- Panel hole for optional screw fixing



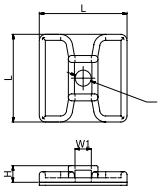

Type 1



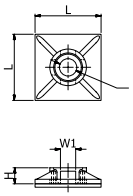

Type 2



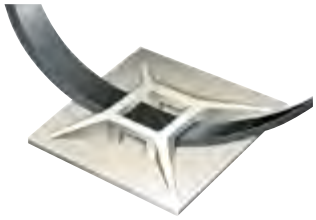

Type 3




Type 4




Type 5



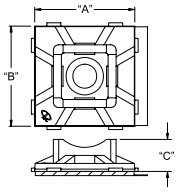
| Part Number | | Type | Tie Width (mm) | Dimensions (mm) | | | Panel Hole Dia (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Natural | Black | | | W1 | L | H | | |
| 460329 | 494643 | 1 | 2.4-3.2 | 3.2 | 12.5 x 12.5 | 3.2 | - | 100 |
| 460330 | 494644 | 2 | 2.4-3.6 | 4.5 | 19 x 19 | 3.9 | 3.2 | 100 |
| 460331 | 494645 | 1 | 2.4-3.6 | 4.7 | 21 x 21 | 3.5 | - | 100 |
| 460332 | 494646 | 3 | 2.4-4.8 | 5.0 | 28 x 28 | 4.0 | 5.0 | 100 |
| 460333 | 494647 | 4 | 2.4-4.8 | 5.0 | 28 x 28 | 4.0 | 5.0 | 100 |
| 460334 | 494648 | 5 | 2.4-4.5 | 4.5 | 18 x 18 | 4.5 | 5.0 | 100 |

**FTH-5/FTH-7/FTH-8/ FTH-10/MFTH**

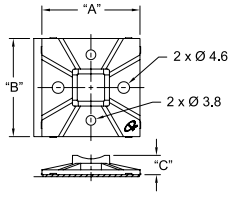
## Cable Tie Holder

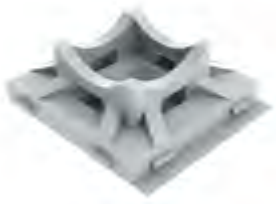
**Natural UL94 V2 Nylon 6/6**

Type 2




Type 3

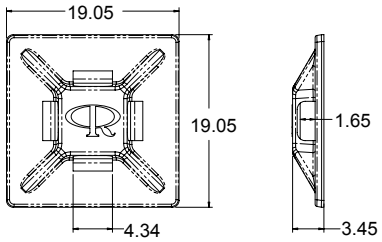


| Part Number | Adhesive | Type | Max Cable Tie Width Accepted | Dimensions (mm) | | | Mounting Screw | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | | "A" | "B" | "C" | | |
| FTH-5A-RT-M | Acrylic, RMS-15 | 2 | WIT/WITA -18 and -40 | 19.1 | 19.1 | 6.1 | #6 (M3.5) Flat Head | 1000 |
| FTH-5-01-M | None | 2 | WIT/WITA -18 and -40 | 19.1 | 19.1 | 6.1 | #6 (M3.5) Flat Head | 1000 |
| FTH-7A-RT-M | Acrylic, RMS-15 | 2 | WIT/WITA -50 | 25.4 | 25.4 | 7.1 | #8 (M4) Flat Head | 1000 |
| FTH-7-01-M | None | 2 | WIT/WITA -50 | 25.4 | 25.4 | 7.1 | #8 (M4) Flat Head | 1000 |
| FTH-8A-RT-M | Acrylic, RMS-15 | 3 | WIT/WITA -50 thru 120 | 38.1 | 38.1 | 7.6 | 2 x #8 (M4) or 2 x #6 (M3.5) | 1000 |
| FTH-10A-RT-M | Acrylic, RMS-15 | 3 | WIT/WITA -50 thru 120 | 50.8 | 50.8 | 7.6 | 2 x #8 (M4) or 2 x #6 (M3.5) | 1000 |

## FTH-40
# Low Profile Cable Tie Holder
**White ABS, RMS-02**



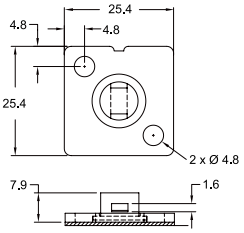



| Part Number | Max Cable Tie Width Accepted (mm) | Adhesive | Std Pack Qty |
|---|---|---|---|
| FTH-40 | 4.1 | None | 1000 |
| FTH-40A-RT | 4.1 | Acrylic, RMS-15 | 1000 |
| FTH-40A1-RT | 4.1 | Rubber, RMS-102 | 1000 |

## FTH-4
# Cable Tie Holder with Swivel
**Natural UL94 V2 Nylon 6/6, RMS-01**

- Unique swivel head allows 360° rotation of the mounted bundle

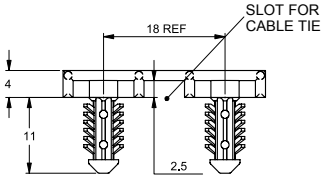




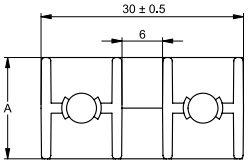

| Part Number | Max Cable Tie Width Accepted (mm) | Adhesive | Mounting Screw | Std Pack Qty |
|---|---|---|---|---|
| FTH-4A-RT-M | 3.8 | Acrylic, RMS-15 | 2 x M4 | 1000 |

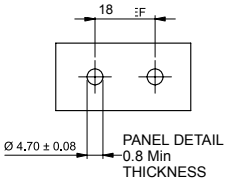
## FTH-42
# Heavy Duty Cable Tie Holder
**Natural UL94 V2 Nylon 6/6, RMS-01**






Press Fit in: 4.7 ± 0.08 Ø x 2 Holes
Panel Thickness: 0.8 Min.



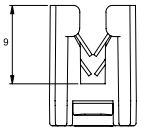



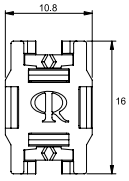

| Part Number | "A" Dimension | Max Cable Tie Width Accepted (mm) | Std Pack Qty |
|---|---|---|---|
| FTH-42-1-01 | 7 | 5.8 | 1000 |
| FTH-42-2-01 | 15 | 5.8 | 1000 |
| FTH-42-3-01 | 25 | 5.8 | 1000 |

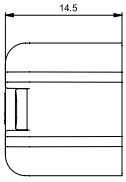
## FTH-31
# Edge Mount Cable Tie Holder

- Retention Force to Steel Panel: Minimum 25N 0.8mm Panel; Minimum 45N 3mm Panel
- Retention Force to Plastic Panel: Minimum 150N 2.4 - 3mm






| Part Number | Panel Thickness (mm) | Max Cable Tie Width Accepted (mm) | Material Clip | Material Housing | Std Pack Qty |
|---|---|---|---|---|---|
| FTH-31-01 | 0.8 - 3 | 4.8 | Stainless Steel Type '2B' Bright Finish, RMS-365 Grade 304 (1.4301 thick) | UL94 V-2 Nylon 6/6, RMS-01 Color: Black | 1000 |

SR 6261

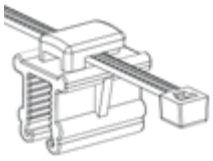
# Metal Edge Cable Tie Mounting Clips

**Polyamide and Stainless-steel 302**

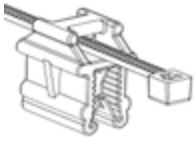


- Push on plastic /metal sheet edge anchors for cable ties
- Retention of 200N based on a standard 2mm panel size
- Permanent fixing for all sheet material applications
- In top or side mounting options and different bundle orientations
- Available as clip or with cable tie already installed
- Standard Tie :- 200 x 4.8mm 200N Retention Force. Max bundle Dia 45mm

Type 1



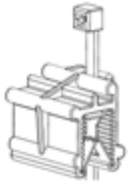
Type 2



Type 3



Type 4



Type 5



Type 6



Type 7



Type 8



Type 9



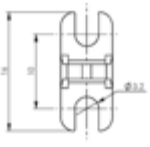
| Part Number | Panel Thickness (mm) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | Width | Length | Height | Type | Cable Tie Size | |
| 550243 | 0.7 - 3mm | 12 | 15 | 15.8 | 1 | - | 100 |
| 550244 | 0.7 - 3mm | 13.9 | 15 | 15.6 | 3 | - | 100 |
| 550245 | 0.7 - 3mm | 12 | 15 | 15.6 | 2 | - | 100 |
| 550246 | 3-6mm | 15.1 | 20 | 18.8 | 2 | - | 100 |
| 550247 | 0.7 - 3mm | 13.9 | 15 | 15.6 | 3 | - | 100 |
| 550251 | 0.7 - 3mm | 15.1 | 15 | 15.1 | 5 | - | 100 |
| 550252 | 0.7 - 3mm | 12 | 15 | 15.8 | 1 | 200 x 4.8 x 1.2 | 100 |
| 550253 | 0.7 - 3mm | 13.9 | 15 | 15.6 | 3 | 200 x 4.8 x 1.2 | 100 |
| 550254 | 0.7 - 3mm | 12 | 15 | 15.6 | 2 | 200 x 4.8 x 1.2 | 100 |
| 550255 | 3-6mm | 15.1 | 20 | 18.8 | 2 | 200 x 4.8 x 1.2 | 100 |
| 550256 | 0.7 - 3mm | 13.9 | 15 | 15.6 | 3 | 200 x 4.8 x 1.2 | 100 |
| 550277 | 0.7-3mm | 15 | 20 | 167 | 6 | 140 x 3.6 x1.2 | 100 |
| 550278 | 0.7-3mm | 15 | 20 | 168 | 7 | 140 x 3.6 x1.2 | 100 |
| 550279 | 0.7-3mm | 15 | 20 | 167 | 8 | 140 x 3.6 x1.2 | 100 |
| 550280 | 0.7-3mm | 15 | 20 | 167 | 9 | 140 x 3.6 x1.2 | 100 |

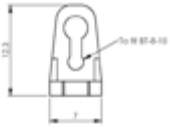
SR 6274

# Bead Lanyard Hank Tie Base

**Natural Nylon 6/6**







- Limits travel of case lid or cabinet door
- Low cost alternative to conventional case or cabinet stay
- Fully adjustable travel length
- Simply mounted by push rivets or screw
- Lightweight
- Hank tie is not included

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Length of Base | Mounting Hole Diameter | Beaded Hank Tie Required | |
| 551852 | 16mm | 3.2mm | BT-8-10 | 100 |

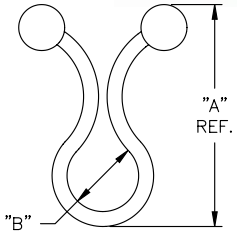
TL

## Twist Lock

**UL94 V2 Nylon 6/6, RMS-01**



| Part Number | | "A" (mm) | Cable Bundle Dia. (mm) | Std Pack Qty |
|---|---|---|---|---|
| Natural | Black | | | |
| 058005000002 | - | 20.0 | 4-6.5 | 1000 |
| TL-250 | - | 22.9 | 5.1-7.6 | 1000 |
| TL-350 | - | 26.2 | 7.6-10.2 | 1000 |
| TL-450 | - | 30.5 | 10.2-12.7 | 1000 |
| TL-600 | - | 33.7 | 14-16.5 | 1000 |
| TL-750 | TL-750BK | 39.4 | 17.8-20.3 | 1000 |
| TL-950 | TL-950BK | 43.4 | Max. 25.4 | 1000 |
| TL-1125 | - | 55.6 | Max. 30.2 | 1000 |
| TL-1375 | - | 68.1 | Max. 36.5 | 1000 |
| TL-1500 | - | 74.4 | Max. 39.7 | 1000 |
| TL-1750 | - | 87.6 | Max. 46 | 1000 |

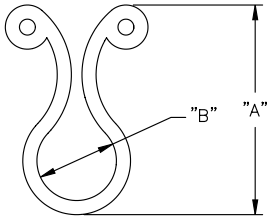



KL

## Kurly Lock

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | "A" | "B" Wire Bundle Ø | |
| KL-125 | 12.2 | 3.2 - 3.8 | 1000 |
| KL-200 | 20.7 | 4.1 - 6.1 | 1000 |
| KL-250 | 23.0 | 5.1 - 7.6 | 1000 |
| KL-350 | 26.2 | 7.6 - 10.2 | 1000 |
| KL-450 | 30.5 | 10.2 - 12.7 | 1000 |
| KL-600 | 31.8 | 14 - 16.5 | 1000 |
| KL-750 | 38.6 | 17.8 - 20.3 | 1000 |
| KL-950 | 44.5 | 22.9 - 25.4 | 1000 |

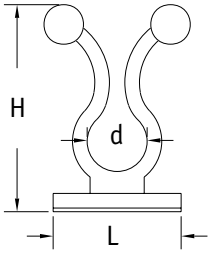
SR 1727

## Adhesive Twist Ties

**Natural Nylon 6.6**

- Strong adhesion for quick and easy installation
- Easy open-and-twist fit to cables
- Flammability rating UL94 V2





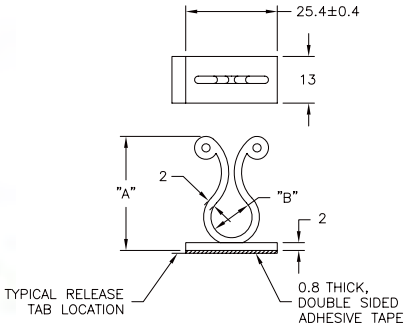

| Part Number | Cable Bundle Dia (mm) | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | d | H | L | |
| 460347 | 7-10 | 7.9 | 27.5 | 17.4 | 100 |
| 460348 | 10-15 | 14.8 | 35.2 | 22.0 | 100 |
| 460349 | 15-20 | 20.6 | 40.0 | 25.5 | 100 |

KLB

## Kurly Lock on Adhesive Base

**Natural**





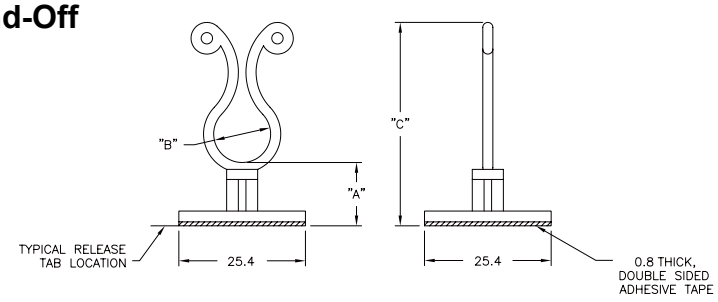

| Part Number Nylon 6/6, RMS-01 | "A" (mm) | "B" Bundle Ø Range (mm) | Adhesive Base | Std Pack Qty |
|---|---|---|---|---|
| KLB-350A-RT | 27.2 | 7.6 - 10.2 | RMS-15 | 1000 |
| KLB-450A-RT | 31.2 | 10.2 - 12.7 | RMS-15 | 1000 |
| KLB-750A-RT | 40.1 | 17.8 - 20.3 | RMS-15 | 1000 |

KLBS

## Kurly Lock on Adhesive Base with Stand-Off

**Natural UL94 V2 Nylon 6/6, RMS-01**





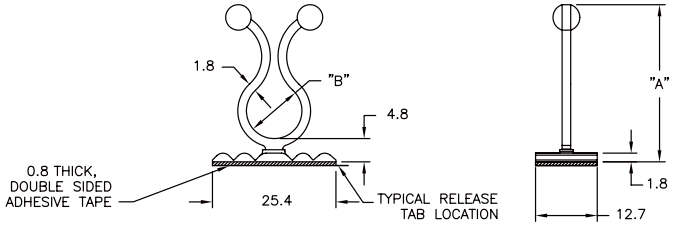

| Part Number | Dimensions (mm) | | | Adhesive Base | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "C" | "B" Bundle Ø | | |
| KLBS-350-401A | 6.4 | 32.5 | 7.6 - 10.2 | RMS-15 | 1000 |
| KLBS-3508-01A | 12.7 | 38.9 | 7.6 - 10.2 | RMS-15 | 1000 |
| KLBS-35012-01A4 | 19.1 | 45.2 | 7.6 - 10.2 | RMS-15 | 1000 |
| KLBS-35016-01A | 25.4 | 51.6 | 7.6 - 10.2 | RMS-15 | 1000 |

TLFB

## Twist Lock on Flexible Adhesive Base

**Nylon 6/6, RMS-01 Color: Natural;**
**Adhesive back, RMS-102**



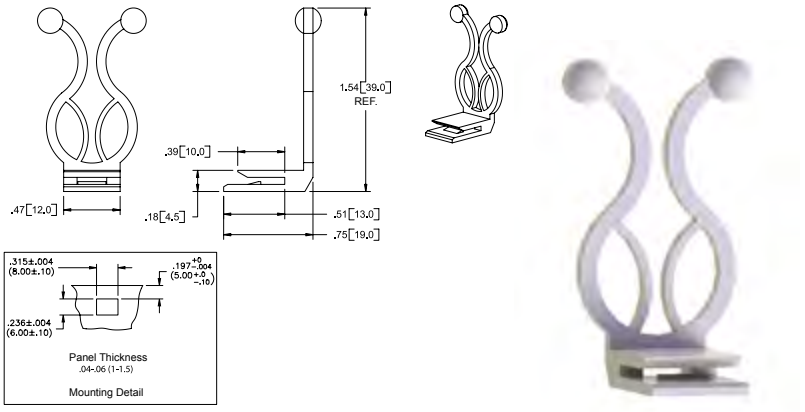



| Part Number | "A" (mm) | "B" Bundle Ø | Std Pack Qty |
|---|---|---|---|
| TLFB-350-01A1 | 29.3 | 7.6 - 10.2 | 1000 |
| TLFB-450-01A1 | 32.3 | 10.2 - 12.7 | 1000 |
| TLFB-750-01A1 | 40.9 | 17.8 - 20.3 | 1000 |

WSTL-SME

## Wedded Twist Lock Panel Mount

**Natural Nylon 6/6, RMS-01**

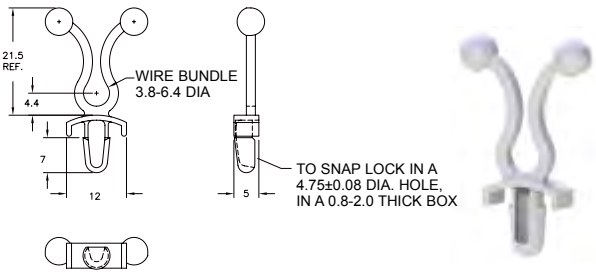



| Part Number | Std Pack Qty |
|---|---|
| WSTL-SME-165-01 | 1000 |

TLJ

## Twist Lock, Type "J"

**Natural Nylon 6/6, RMS-01**

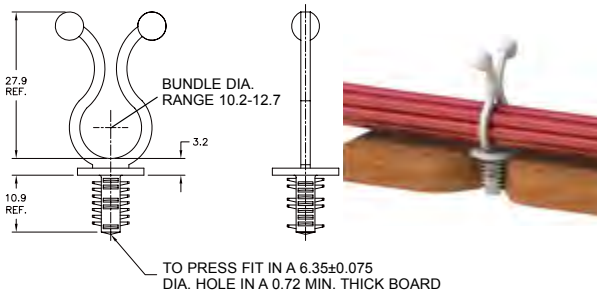



| Part Number | Panel Thickness | Std Pack Qty |
|---|---|---|
| TLJ-200-01 | 0.8-2 | 500 |
| TLJ-300-01 | 0.05-1.6 | 500 |

STL-8

## Blind Hole Twist-Lock

**UL94 V2 Nylon 6/6, RMS-01**

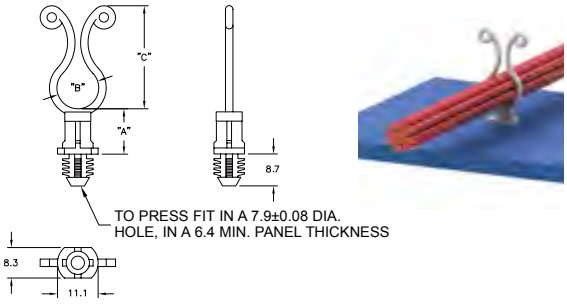



| Part Number | Std Pack Qty |
|---|---|
| STL-8-450-2-01 | 1000 |

BHKL

## Blind Hole Kurly-Lock

**Natural UL94 V2 Nylon 6/6, RMS-01**




| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | "B" Bundle Ø | "C" | |
| BHKL-350-4-01 | 6.4 | 7.6 - 10.2 | 25.4 | 1000 |
| BHKL-350-10-01 | 15.9 | 7.6 - 10.2 | 25.4 | 1000 |
| BHKL-450-4-01 | 6.4 | 10.2 - 12.7 | 28.6 | 1000 |
| BHKL-450-6-01 | 9.5 | 10.2 - 12.7 | 28.6 | 1000 |
| BHKL-750-4-01 | 6.4 | 17.8 - 20.3 | 38.1 | 1000 |
| BHKL-750-6-01 | 9.5 | 17.8 - 20.3 | 38.1 | 1000 |

STL

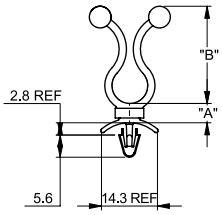
# Stand-Off Twist Lock

**Natural UL94 V2 Nylon 6/6 RMS-01**

LINE EXTENSION

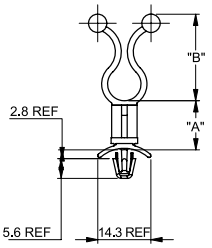


Type 1



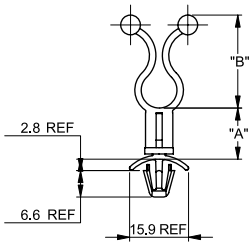

Bottom Hole: Snap-lock: 4±0.08
Panel Thickness: 0.8-2

Type 2



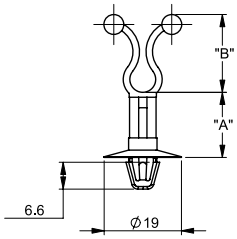

Bottom Hole: Snap-lock: Ø4.75±0.08
Panel Thickness: 0.8-2

Type 3




Bottom Hole: Snap-lock: Ø6±0.08
Panel Thickness: 0.8-2

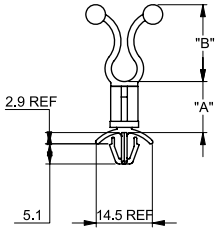
Type 4




Bottom Hole: Snap-lock: Ø6.5±0.09
Panel Thickness: 0.8-1.6

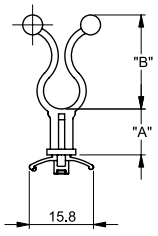
| Part Number | | | | | | Dimensions (mm) | | Bundle Ø | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Type 1 | | Type 2 | | Type 3 | Type 4 | "A" | "B" | | |
| UL94 V2 | UL94 V0 | UL94 V2 | UL94 V0 | UL94 V2 | UL94 V2 | | | | |
| STL-1-250-3-01 | STL-1-250-3-19 | STL-250-3-01 | STL-250-3-19 | STL-6-250-3-01 | STL-5-250-3-01 | 4.8 | 19.1 | 5.1-7.6 | 1000 |
| STL-1-250-8-01 | STL-1-250-8-19 | STL-250-8-01 | STL-250-8-19 | - | STL-5-250-8-01 | 12.7 | 19.1 | 5.1-7.6 | 1000 |
| STL-1-350-3-01 | STL-1-350-3-19 | STL-350-3-01 | STL-350-3-19 | STL-6-350-3-01 | STL-5-350-3-01 | 4.8 | 23.1 | 7.6-10.2 | 1000 |
| STL-1-350-8-01 | STL-1-350-8-19 | STL-350-8-01 | STL-350-8-19 | - | STL-5-350-8-01 | 12.7 | 23.1 | 7.6-10.2 | 1000 |
| STL-1-450-3-01 | STL-1-450-3-19 | STL-450-3-01 | STL-450-3-19 | - | STL-5-450-3-01 | 4.8 | 27.7 | 10.2-12.7 | 1000 |
| STL-1-450-8-01 | STL-1-450-8-19 | STL-450-8-01 | STL-450-8-19 | STL-6-450-8-01 | STL-5-450-8-01 | 12.7 | 27.7 | 10.2-12.7 | 1000 |
| STL-1-450-12-01 | STL-1-450-12-19 | STL-450-12-01 | STL-450-12-19 | - | - | 19.1 | 27.7 | 10.2-12.7 | 1000 |
| STL-1-600-3-01 | STL-1-600-3-19 | STL-600-3-01 | STL-600-3-19 | - | STL-5-600-3-01 | 4.8 | 32.5 | 12.7-15.2 | 1000 |
| STL-1-600-8-01 | STL-1-600-8-19 | STL-600-8-01 | STL-600-8-19 | - | STL-5-600-8-01 | 12.7 | 32.5 | 12.7-15.2 | 1000 |
| STL-1-600-12-01 | STL-1-600-12-19 | STL-600-12-01 | STL-600-12-19 | - | - | 19.1 | 32.5 | 12.7-15.2 | 1000 |
| STL-1-750-3-01 | STL-1-750-3-19 | STL-750-3-01 | STL-750-3-19 | STL-6-750-3-01 | STL-5-750-3-01 | 4.8 | 36.8 | 17.8-20.3 | 1000 |
| STL-1-750-8-01 | STL-1-750-8-19 | STL-750-8-01 | STL-750-8-19 | STL-6-750-8-01 | STL-5-750-8-01 | 12.7 | 36.8 | 17.8-20.3 | 1000 |
| STL-1-750-12-01 | STL-1-750-12-19 | STL-750-12-01 | STL-750-12-19 | - | - | 19.1 | 36.8 | 17.8-20.3 | 1000 |

Type 5

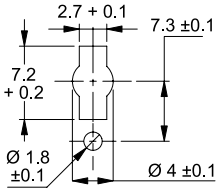



Bottom Hole: Snap-lock: 5.5 square
Panel Thickness: 0.8-2

Type 6

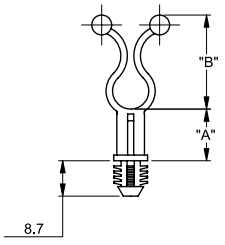



Type 6 See panel detail




Bottom Hole: See panel detail Fig. 6
Panel Thickness: 0.8-1.6

Type 7




Bottom Hole: Press-fit 7.9 ± 0.08
Panel Thickness: 6.4 Min.

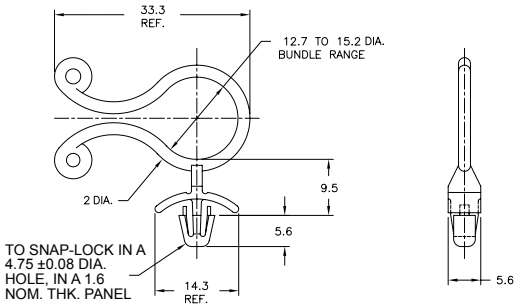
| Part Number | | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Type 5 | Type 6 | Type 7 | "A" | "B" | Bundle Ø | |
| - | STL-9-250-3-01 | STL-3-250-3-01 | 4.8 | 19.1 | 5.1-7.6 | 1000 |
| STL-2-250-8-01 | - | STL-3-250-8-01 | 12.7 | 19.1 | 5.1-7.6 | 1000 |
| - | STL-9-350-3-01 | STL-3-350-3-01 | 4.8 | 23.1 | 7.6-10.2 | 1000 |
| STL-2-350-8-01 | - | STL-3-350-8-01 | 12.7 | 23.1 | 7.6-10.2 | 1000 |
| STL-2-450-3-01 | - | STL-3-450-3-01 | 4.8 | 27.7 | 10.2-12.7 | 1000 |
| STL-2-450-8-01 | STL-9-450-8-01 | STL-3-450-8-01 | 12.7 | 27.7 | 10.2-12.7 | 1000 |
| STL-2-600-3-01 | - | STL-3-600-3-01 | 4.8 | 32.5 | 12.7-15.2 | 1000 |
| STL-2-600-8-01 | STL-9-600-8-01 | STL-3-600-8-01 | 12.7 | 32.5 | 12.7-15.2 | 1000 |
| STL-2-750-3-01 | - | STL-3-750-3-01 | 4.8 | 36.8 | 17.8-20.3 | 1000 |
| STL-2-750-8-01 | STL-9-750-8-01 | STL-3-750-8-01 | 12.7 | 36.8 | 17.8-20.3 | 1000 |

SKLO

## Side Entry Kurly Lock

**Natural Nylon 6/6, RMS-01**





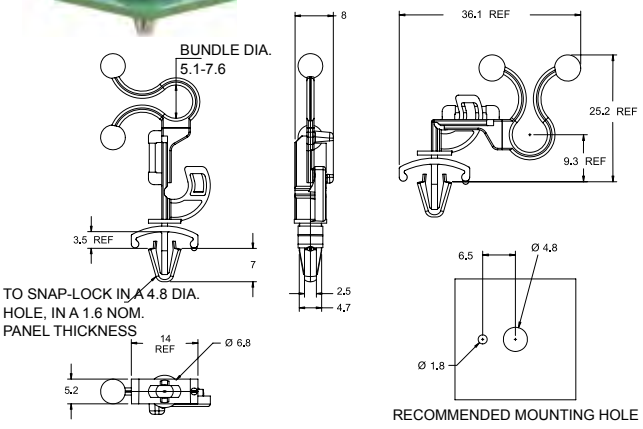

| Part Number | Std Pack Qty |
|---|---|
| SKLO-550-01 | 1000 |

TLSE1

## Hinged Twist Lock

**Natural UL94 V0 Nylon 6/6, RMS-19**





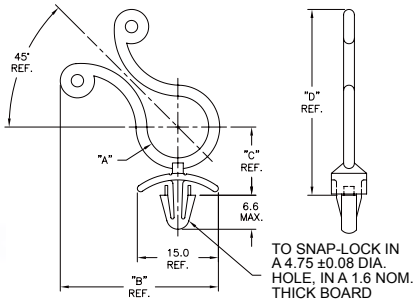

| Part Number | Std Pack Qty |
|---|---|
| TLSE1-250-19 | 1000 |

SKL

## 45º Kurly Lock

**Natural UL94 V2 Nylon 6/6, RMS-01**





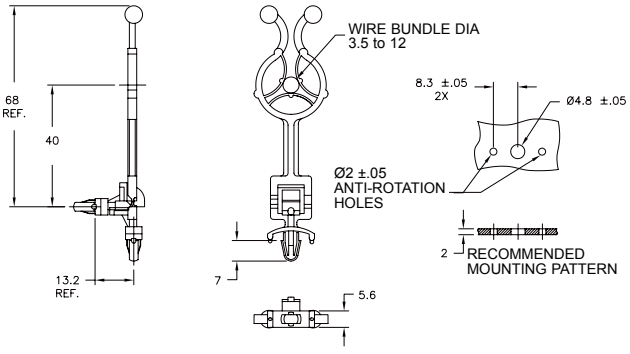

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" Bundle Ø | "B" | "C" | "D" | |
| SKL45-250 | 3.8 - 6.35 | 24.9 | 8.5 | 26.7 | 1000 |
| SKL45-350 | 7.6 - 10 | 27.2 | 11.0 | 30.5 | 1000 |
| SKL45-450 | 10 - 12 | 28.4 | 12.0 | 33.0 | 1000 |

TLHS90

## Hinged Twist Lock with Stand-Off

**Natural Nylon 6/6, RMS-01**






| Part Number | Std Pack Qty |
|---|---|
| TLHS90-300-01 | 500 |

KLH/TLH/TLHE

# Screw Mount Twist Locks

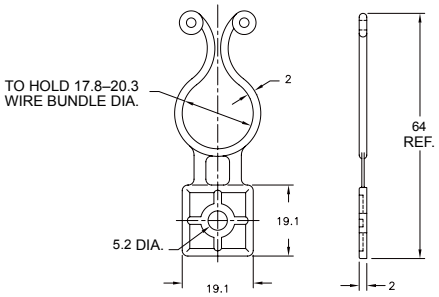
**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | Recommended Screw Size | Type | Std Pack Qty |
|---|---|---|---|
| KLH-750-01 | M4 | 1 | 1000 |
| TLH-800-01 | M3 | 2 | 1000 |
| TLH-500-01 | M4 | 3 | 1000 |
| TLHE-1-750-01 | M4 | 4 | 1000 |



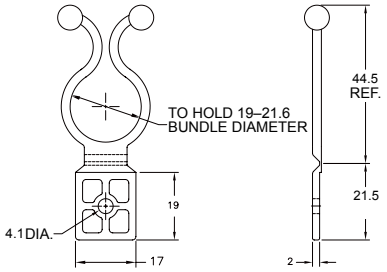
KLH

Type 1



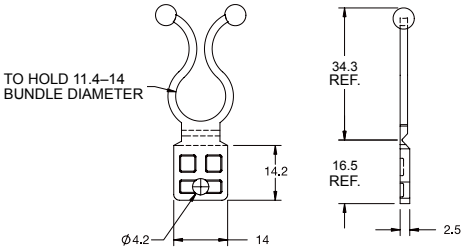

TLH-800

Type 2



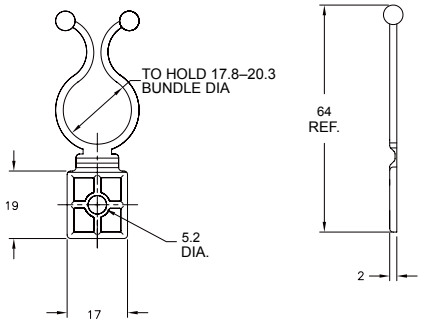

TLH-500

Type 3




TLHE

Type 4

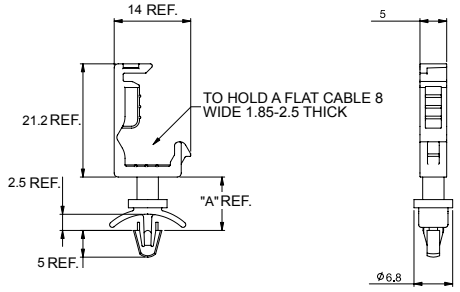



FCWSS

# Flat Cable Wire Saddle

**Black**



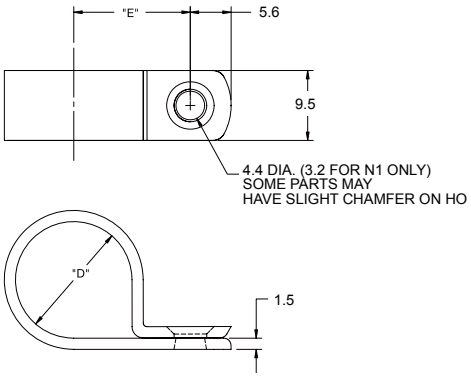



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| Nylon 6/6, RMS-01 | "A" | Panel Hole Ø | Panel Thickness | |
| FCWSS-1-01BK | 4.8 | 4 | 0.8 - 1.6 | 1000 |
| FCWSS-2-01BK | 10 | 4 | 0.8 - 1.6 | 1000 |

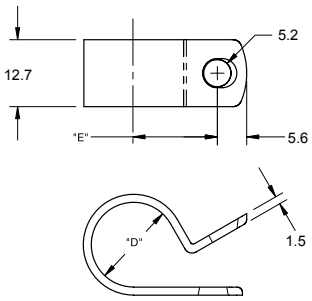
N

# Cable Clamp

Type 1




Type 2





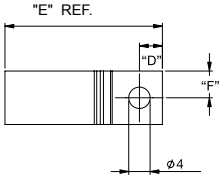

| Part Number | | | | | "E" REF. (mm) | "D" Holding Dia. (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Material: UL94 V2 Nylon 6/6, RMS-01 (Type 1) | | Material: UL94 V2 Nylon 6/6, RMS-01 (Type 2) | | Material: UL94 V0 Nylon 6/6, RMS-19 | | | |
| Natural | Black | Natural | Black | Natural | | | |
| N-1 | N-1-BK | - | - | - | 6.9 | 1.6 | 1000 |
| N-2 | N-2-BK | N-2B | N-2B-BK | N-2B-19 | 8.3 | 3.2 | 1000 |
| N-3 | N-3-BK | N-3B | N-3B-BK | N-3B-19 | 9.9 | 4.8 | 1000 |
| N-4 | N-4-BK | N-4B | N-4B-BK | N-4B-19 | 10.7 | 6.4 | 1000 |
| N-5 | N-5-BK | N-5B | N-5B-BK | N-5B-19 | 11.5 | 7.9 | 1000 |
| N-6 | N-6-BK | N-6B | N-6B-BK | N-6B-19 | 12.3 | 9.5 | 1000 |
| N-7 | N-7-BK | N-7B | N-7B-BK | N-7B-19 | 13.5 | 11.1 | 1000 |
| N-8 | N-8-BK | N-8B | N-8B-BK | N-8B-19 | 14.3 | 12.7 | 1000 |
| - | - | N-9B | N-9B-BK | N-9B-19 | 15 | 14.3 | 1000 |
| - | - | N-10B | N-10B-BK | N-10B-19 | 15.9 | 15.9 | 1000 |
| - | - | N-11B | N-11B-BK | N-11B-19 | 16.7 | 17.5 | 1000 |
| - | - | N-12B | N-12B-BK | N-12B-19 | 19.4 | 19.1 | 1000 |
| - | - | N-14B | N-14B-BK | N-14B-19 | 20.6 | 22.2 | 500 |
| - | - | N-16B | N-16B-BK | N-16B-19 | 23 | 25.4 | 500 |
| - | - | N-18B | N-18B-BK | N-18B-19 | 24.6 | 28.6 | 500 |

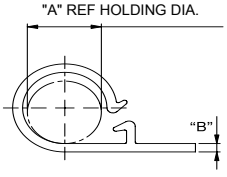
EXWHC

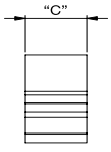
# Wire Harness Clamp

**Natural Nylon 6/6, RMS-01**






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "A" Holding Ø | "B" | "C" | "D" | "E" | "F" | |
| EXWHC2-250-01 | 6.35 | 1 | 10 | 6 | 21 | 5 | 1000 |
| EXWHC2-500-01 | 12.7 | 1.6 | 10 | 4.7 | 30 | 5 | 1000 |
| EXWHC2-750-01 | 18 | 1.8 | 12.7 | 4.7 | 35 | 6.35 | 1000 |

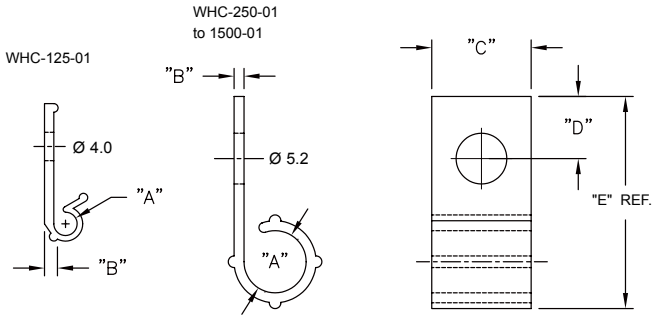
WHC

# Wire Harness Clamp

**Natural Nylon 6/6, RMS-01**

LINE EXTENSION





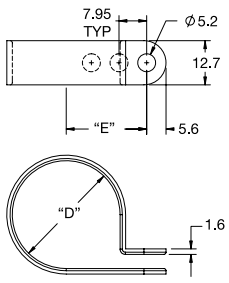

| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | "A" Ø | "B" | "C" | "D" | "E" | |
| WHC-125-01 | WHC-125-01BK | 3.2 | 1.3 | 8.4 | 5.8 | 19.1 | 1000 |
| WHC-250-01 | WHC-250-01BK | 6.4 | 1.0 | 10.2 | 6.4 | 21.1 | 1000 |
| WHC-375-01 | WHC-375-01BK | 9.5 | 1.3 | 10.2 | 4.8 | 21.1 | 1000 |
| WHC-500-01 | WHC-500-01BK | 12.7 | 1.8 | 10.2 | 6.4 | 29.4 | 1000 |
| WHC-625-01 | WHC-625-01BK | 15.9 | 2.0 | 12.7 | 4.8 | 28.6 | 1000 |
| WHC-750-01 | WHC-750-01BK | 19.1 | 2.2 | 12.7 | 4.8 | 32.5 | 1000 |
| WHC-1000-01 | WHC-1000-01BK | 25.4 | 2.2 | 12.7 | 4.8 | 38.9 | 500 |
| WHC-1500-01 | WHC-1500-01BK | 38.1 | 2.5 | 12.7 | 4.8 | 53.9 | 500 |

N-20B to N-32B

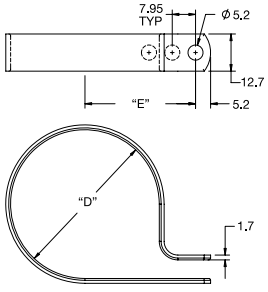
# Adjustable Nylon Cable Clamp



Type 1




Type 2

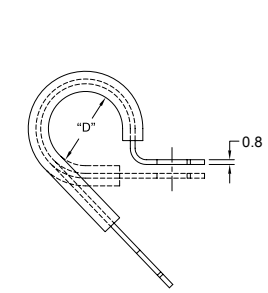


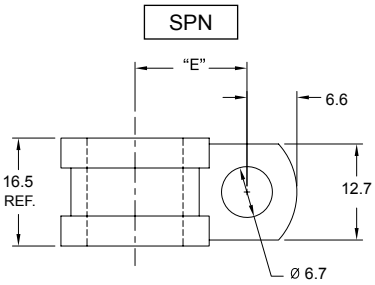

| Part Number | | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | "E" | "D" Holding Ø | | | |
| Natural UL94 V2 Nylon 6/6, RMS-01 | Black UL94 V2 Nylon 6/6, RMS-01 | | | Inside Hole | Center Hole | Outside Hole | |
| N-20B | N-20B-BK | 1 | 23.0 | 25.4 | 28.6 | 30.2 | 500 |
| N-24B | N-24B-BK | 1 | 26.2 | 31.8 | 34.9 | 37.3 | 500 |
| N-32B | N-32B-BK | 2 | 36.9 | 44.5 | 47.6 | 50.8 | 500 |

SPN

## Steel Clamp with Rubber Cushion

**Cold Rolled Steel, RMS-198;**
**Cushion: TPE, RMS-387**



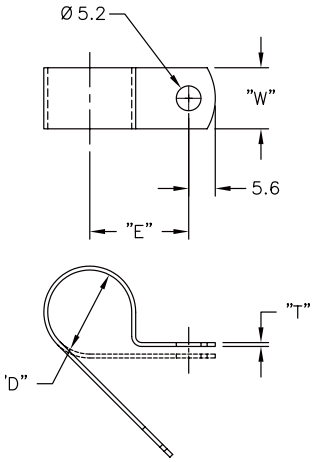



| Part Number | "E" REF. (mm) | "D" Holding Ø (mm) | Std Pack Qty |
|---|---|---|---|
| SPN-3 | 12.7 | 4.8 | 500 |
| SPN-4 | 13.5 | 6.4 | 500 |
| SPN-5 | 14.2 | 7.9 | 500 |
| SPN-6 | 15 | 9.5 | 500 |
| SPN-7 | 15.7 | 11.1 | 500 |
| SPN-8 | 16.5 | 12.7 | 500 |
| SPN-9 | 19.1 | 14.3 | 500 |
| SPN-10 | 19.8 | 15.9 | 500 |
| SPN-11 | 20.6 | 17.5 | 500 |
| SPN-12 | 21.3 | 19.1 | 500 |
| SPN-14 | 22.9 | 22.2 | 100 |
| SPN-16 | 24.4 | 25.4 | 100 |
| SPN-18 | 26.7 | 28.6 | 100 |
| SPN-20 | 28.2 | 31.8 | 100 |

AL

## Aluminum Clamp

**Aluminum Alloy 5052 H-32, RMS-199**






NE



AL

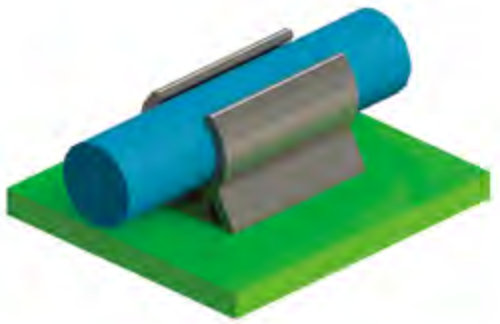
| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "D" Holding Dia. | "E" | "T" | "W" | |
| AL2 | 3.2 | 11.7 | 0.8 | 9.5 | 1000 |
| AL3 | 4.8 | 12.7 | 0.8 | 9.5 | 1000 |
| AL4 | 6.4 | 13.5 | 0.8 | 9.5 | 1000 |
| AL5 | 7.9 | 14.2 | 0.8 | 9.5 | 1000 |
| AL6 | 9.5 | 15 | 0.8 | 9.5 | 1000 |
| AL7 | 11.1 | 15.7 | 0.8 | 9.5 | 1000 |
| AL8 | 12.7 | 16.5 | 0.8 | 9.5 | 1000 |
| AL9 | 14.3 | 19.1 | 0.8 | 9.5 | 1000 |
| AL10 | 15.9 | 19.8 | 0.8 | 9.5 | 1000 |
| AL11 | 17.5 | 20.6 | 1.6 | 12.7 | 500 |
| AL12 | 19.1 | 21.3 | 1.6 | 12.7 | 500 |
| AL14 | 22.2 | 22.9 | 1.6 | 12.7 | 500 |
| AL16 | 25.4 | 24.4 | 1.6 | 12.7 | 500 |
| AL18 | 28.6 | 26.7 | 1.6 | 12.7 | 500 |

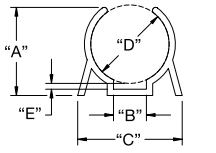
VM

# Component Clip

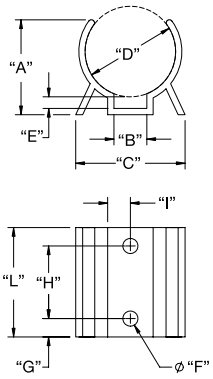
**Black UL94 V0 PVC, RMS-04**

LINE EXTENSION

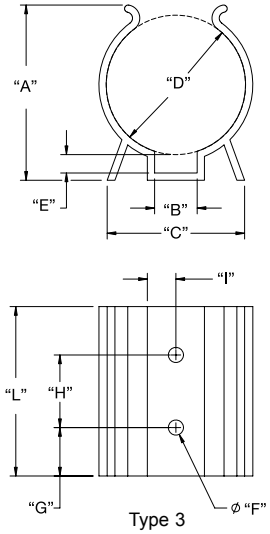





Type 1




Type 2




Type 3

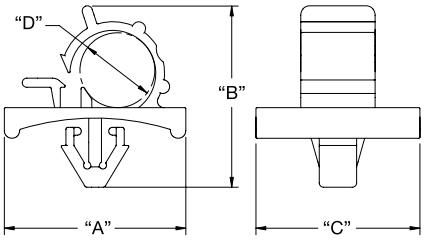
| Part Number | | Dimensions (mm) | | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| UL94 V0 PVC | UL94 V0 PA6/6 | "A" REF. | "C" REF. | "D" Holding ø | "F" REF. | "H" REF. | "L" | | |
| V-1000 | – | 7.5 | 12.7 | 6.4 | 2.4 | - | 12.7 | 1 | 1000 |
| V-1001 | – | 9.1 | 12.7 | 7.9 | 2.4 | - | 12.7 | 1 | 1000 |
| V-1002 | – | 10.3 | 12.7 | 9.5 | 2.4 | - | 12.7 | 1 | 1000 |
| V-1003 | – | 11.5 | 13.1 | 11.1 | 2.4 | - | 12.7 | 1 | 1000 |
| V-1004 | – | 12.7 | 16.7 | 12.7 | 2.4 | - | 12.7 | 1 | 1000 |
| V-1005 | – | 15.5 | 18.3 | 14.3 | 2.4 | - | 12.7 | 1 | 1000 |
| V-1006 | – | 15.9 | 21 | 15.9 | 2.4 | - | 12.7 | 1 | 1000 |
| V-1007 | – | 15.9 | 21 | 17.6 | 4 | - | 12.7 | 1 | 1000 |
| V-1008 | – | 19.8 | 22.6 | 19.1 | 4 | - | 12.7 | 1 | 100 |
| V-1009 | – | 23 | 27.4 | 22.2 | 4 | - | 12.7 | 1 | 100 |
| V-1010 | – | 25 | 28.6 | 25.4 | 4 | 19.1 | 28.5 | 2 | 100 |
| V-1011 | – | 34.1 | 31.8 | 34.9 | 4 | 19.1 | 28.5 | 2 | 100 |
| V-1024 | – | 46 | 36.1 | 38.1 | 4 | 19.1 | 44.5 | 3 | 100 |
| V-1028 | – | 48.8 | 38.1 | 44.5 | 4 | 19.1 | 44.5 | 3 | 100 |
| V-1030 | – | 61.9 | 66.3 | 57.1-69.9 | 4 | 19.1 | 38.1 | 3 | 100 |
| – | VM-1002 | 11.2 | 13.7 | 9.5 | 2.8 | - | 12.7 | 1 | 100 |
| – | VM-1004 | 13.2 | 19.1 | 12.7 | 2.8 | - | 12.7 | 1 | 100 |
| – | VM-1007 | 19.8 | 20.8 | 17.5 | 3.8 | - | 12.7 | 1 | 100 |
| – | VM-1008 | 24.6 | 24.9 | 19.1 | 3.8 | - | 12.7 | 1 | 100 |
| – | VM-1010 | 26.1 | 31.8 | 25.4 | 3.8 | 19.1 | 28.4 | 2 | 100 |
| – | VM-1011 | 38.4 | 34.8 | 34.9 | 3.8 | 19.1 | 29.5 | 2 | 100 |
| – | VM-1024 | 42.4 | 38.1 | 38.1 | 3.8 | 19.1 | 43.2 | 2 | 100 |
| – | VM-1030 | 63.5 | 76.2 | 57.2 | 3.8 | 19.1 | 38.6 | 3 | 100 |

PKKL

## Plug In Locking Clip

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | Holding Ø "D" | Mounting Hole Ø | Panel Thickness | |
| PKKL-3 | 25.9 | 23.4 | 17.0 | 9.5 | 6.5 | 0.8 - 1.6 | 200 |
| PKKL-3S | 21.1 | 21.0 | 19.1 | 7.8 | 6.5 | 0.8 - 1.6 | 200 |
| PKKL-4 | 30.3 | 32.0 | 19.4 | 13.5 | 6.5 | 0.8 - 1.6 | 100 |

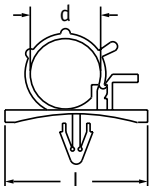
SR 1786

## Push-In Cable Clamps

**Grey Nylon 6.6**

- Easy one-push fit
- One size fits a range of cable diameters
- Flammability rating UL94 V2
- One standard panel hole diameter of 4.8mm





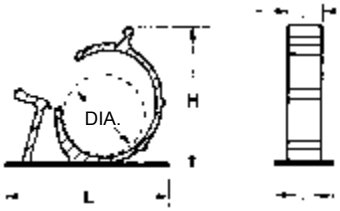

| Part Number | Cable Diameter (mm) d | Dimensions (mm) | Std Pack Qty |
|---|---|---|---|
| | | L | |
| 460311 | 6-7 | 25.0 | 100 |
| 460312 | 7-8 | 25.0 | 100 |
| 460313 | 9-10 | 30.0 | 100 |
| 460314 | 12-14 | 30.0 | 100 |
| 460315 | 16-18 | 30.0 | 100 |

SR 1793

## Cable Clips

**Natural Nylon**






| Part Number | Dia Range (mm) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | L | $l_2$ | H | $l_1$ | |
| 32545 | 14.7 - 19.1 | 42.0 | 25.0 | 43.0 | 12.5 | 100 |
| 32546 | 18.5 - 23.0 | 41.5 | 21.5 | 37.0 | 11.3 | 100 |

* All products include a self-adhesive base

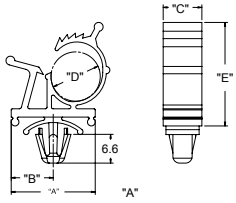
PAKKL

## Plug In Adjustable Clip

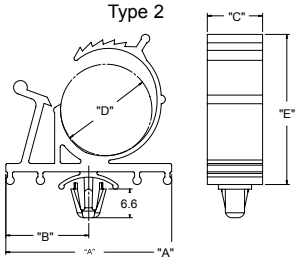
**Natural**



Type 1




Type 2



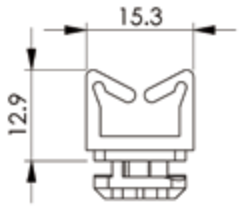

| UL94V2, RMS-01 | UL94 V0, RMS-19 | Type | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | "A" | "B" | "C" | Holding Ø "D" | "E" | Mounting Hole Ø | Panel Thickness | |
| PAKKL-3140-01 | PAKKL-3140-19 | 1 | 19.1 | 9.7 | 8.9 | 7.9 - 10.2 | 23.8 | 6.35 | 0.8 - 1.5 | 100 |
| PAKKL-4756-01 | PAKKL-4756-19 | 1 | 31.5 | 15.7 | 10.2 | 11.9 - 14.3 | 29.8 | 6.35 | 0.8 - 1.5 | 100 |
| PAKKL-5775-01 | PAKKL-5775-19 | 2 | 38.1 | 19.1 | 12.7 | 14.7 - 19.1 | 34.5 | 6.35 | 0.8 - 1.5 | 100 |

SR 6263

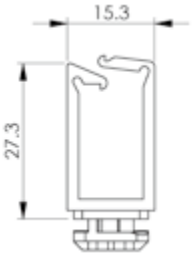
# Extruded Metal Rail Cable Clips

**Natural UL94 V2 Glass Reinforced Nylon 6/6**

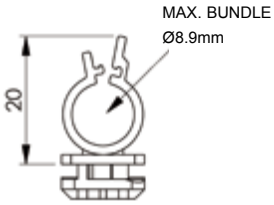
- Several different mounting options
- Pre location for easier mounting
- Available in several channel depthes and X rail sizes
- A choice of Twist Locking or Push In installation
- Lightweight



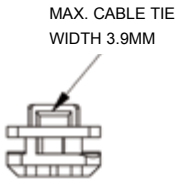

Type 1




Type 2



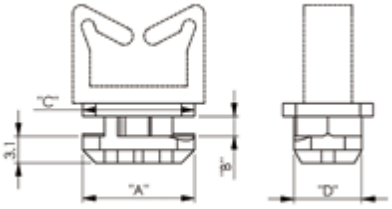

Type 3




Type 4



Extruded Rail




Twist Lock

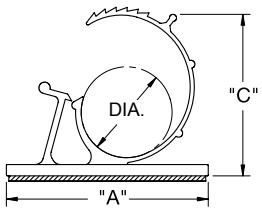
| Part Number | Dimensions (mm) | | | | Type | Extruded Rail Sizes | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | | | |
| XRC2-WS101 | 10 | 1.6 | 10 | 5.8 | 1 | 20x20 | 1000 |
| XRC3-WS101 | 13 | 2.3 | 13 | 7.9 | 1 | 30x30 | 1000 |
| XRC4-WS101 | 16 | 6.15 | 16 | 9.8 | 1 | 40x40 | 1000 |
| XRC2-LWS01 | 10 | 1.6 | 10 | 5.8 | 2 | 20x20 | 1000 |
| XRC3-LWS01 | 13 | 2.3 | 13 | 7.9 | 2 | 30x30 | 1000 |
| XRC4-LWS01 | 16 | 6.15 | 16 | 9.8 | 2 | 40x40 | 1000 |
| XRC2-WSLT01 | 10 | 1.6 | 10 | 5.8 | 3 | 20x20 | 1000 |
| XRC3-WSLT01 | 13 | 2.3 | 13 | 7.9 | 3 | 30x30 | 1000 |
| XRC4-WSLT01 | 16 | 6.15 | 16 | 9.8 | 3 | 40x40 | 1000 |
| XRC2-TH01 | 10 | 1.6 | 10 | 5.8 | 4 | 20x20 | 1000 |
| XRC3-TH01 | 13 | 2.3 | 13 | 7.9 | 4 | 30x30 | 1000 |
| XRC4-TH01 | 16 | 6.15 | 16 | 9.8 | 4 | 40x40 | 1000 |

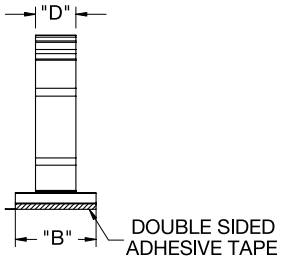
AKKL

## Adjustable Kwik Klip

**Natural**






| Part Number | | Dimensions (mm) | | | | | Adhesive | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | Bundle Ø Range Ref. | "A" | "B" | "C" REF. | "D" | | |
| AKKL-2140A-RT | AKKL-2140A-19 | 5.5 - 6.5 | 21.6 | 16.5 | 18.0 | 10.0 | RMS-136 | 100 |
| AKKL-3140A-RT | AKKL-3140A-19 | 7.9 - 10.3 | 25.4 | 19.1 | 22.0 | 10.2 | RMS-324 | 100 |
| AKKL-4756A4-RT | AKKL-4756A4-19 | 11.9 - 14.3 | 31.8 | 19.1 | 27.7 | 10.2 | RMS-324 | 100 |
| AKKL-5775A4-RT | AKKL-5775A4-19 | 14.7 - 19.1 | 38.1 | 19.1 | 31.8 | 12.7 | RMS-324 | 100 |
| AKKL-8710A-RT | AKKL-8710A-19 | 22.2 - 25.4 | 50.8 | 25.4 | 44.5 | 12.7 | RMS-15 | 100 |
| AKKL-10112A-RT | AKKL-10112A-19 | 25.4 - 31.7 | 63.5 | 25.4 | 50.8 | 12.7 | RMS-15 | 100 |

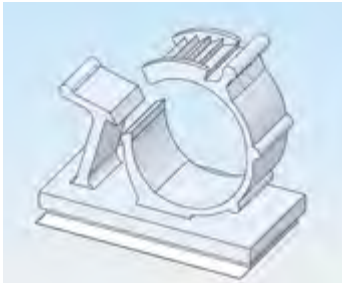
AKKSL-8710A-RT

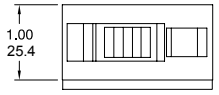
## Adjustable Side Locking Clip on Base

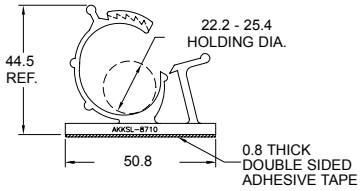
**UL94 V2 Nylon 6/6, RMS-01; Adhesive: RMS-15**

**Color: Natural**

- Parts available without adhesive by special order






| Part Number | Std Pack Qty |
|---|---|
| AKKSL-8710A-RT | 100 |

All dimensions in mm

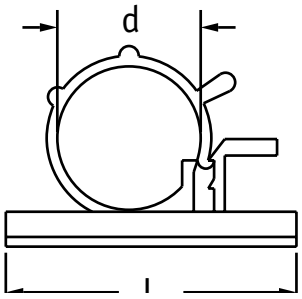
SR 1789

## Adhesive Cable Clamp

**Grey Nylon 6.6**

- Flammability rating UL94 V2
- Backed with high-quality adhesive tape






Grey Nylon 6.6

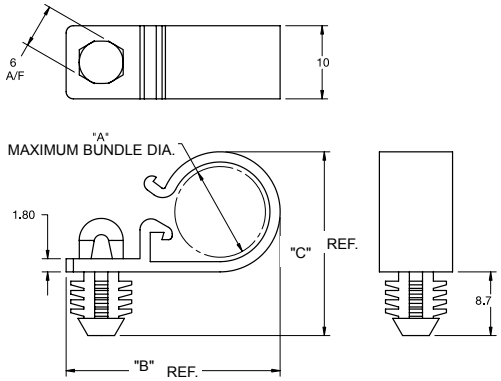
| Part Number | Cable Diameter (mm) d | Dimensions (mm) L | Std Pack Qty |
|---|---|---|---|
| 460306 | 6-7 | 25.0 | 100 |
| 460307 | 7-8 | 25.0 | 100 |
| 460308 | 9-10 | 30.0 | 100 |
| 460309 | 12-14 | 30.0 | 100 |
| 460310 | 16-18 | 30.0 | 100 |

BHLWHC

## Blind Hole Mounted Clip

**Natural Nylon 6/6, RMS-01**

- Easily pushed into mounting hole using a standard 6mm hexagonal socket pressed onto the mounting head



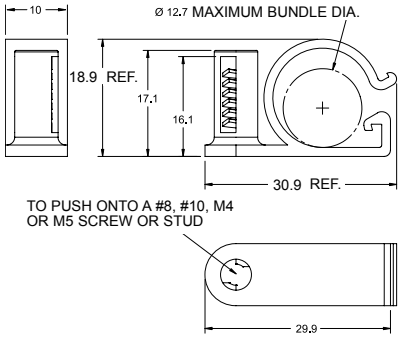



| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Max Bundle Ø | Mounting Hole Ø | "B" Dim. | "C" | Panel Thickness | |
| BHLWHC-500-01 | 12.7 | 7.92 ± 0.05 | 29.3 | 25.4 | 6.35 Min. | 1000 |
| BHLWHC-750-01 | 19.1 | 7.92 ± 0.05 | 36.5 | 34.1 | 6.35 Min. | 1000 |

SMWHC

## Stud Mount Clamp

**Natural UL94 V2 Nylon 6/6, RMS-01**



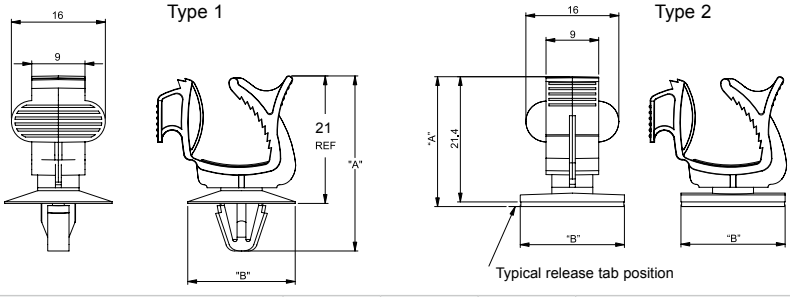


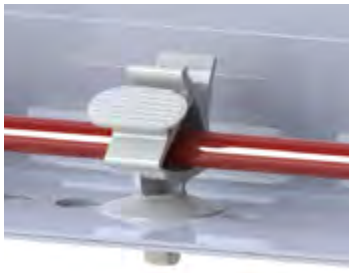

| Part Number | "A" Max. Holding Ø (mm) | Std Pack Qty |
|---|---|---|
| SMWHC-500-01 | 12.7 | 500 |

WAC

## Webbed Adjustable Clip

**Natural UL94 V2 Nylon 6/6, RMS-01**



| Part Number | Type | "A" (mm) | "B" (mm) | Mounting Method | Cable Bundle Ø | Std Pack Qty |
|---|---|---|---|---|---|---|
| WAC1-01 | 1 | 26.5 | 18.4 | Snap lock 4 - 4.8 Ø hole, 0.5 - 1.6 panel thickness | 3 - 8.5 | 1000 |
| WAC2-01 | 1 | 29.5 | 18.4 | Snap lock 6 - 6.8 Ø hole, 0.5 - 2.5 panel thickness | 3 - 8.5 | 1000 |
| WAC3-01A4-RT | 2 | 22.2 | 17.8 | 0.8 Thick double sided adhesive tape, RMS-324 | 3 - 8.5 | 1000 |

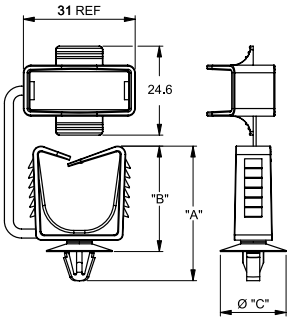
HCS

## Hinged Cable Saddle

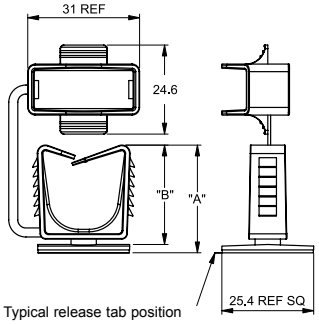
**Natural UL94 V2 Nylon 6/6, RMS-01**



Type 1




Type 2




Typical release tab position

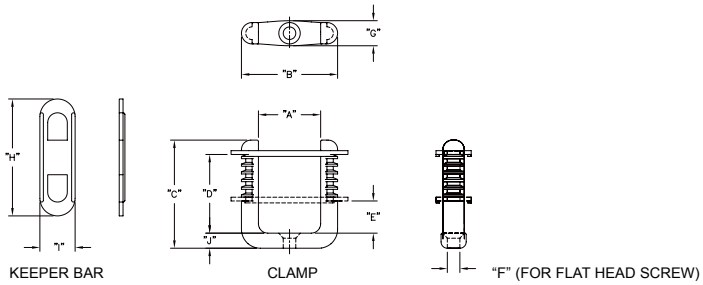
| Part Number | Type | Dimensions (mm) | | | Mounting Method | Cable Bundle Ø (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | | | |
| HCS1-01 | 1 | 34.0 | 29.0 | 16.0 | Snap lock 4 - 4.8 Ø hole, 0.4 - 1.6 panel thickness | 3 - 16 | 1000 |
| HCS2-01 | 1 | 36.8 | 28.7 | 18.2 | Snap lock 6 - 6.8 Ø hole, 0.6 - 2.5 panel thickness | 3 - 16 | 1000 |
| HCS3-01A4-RT | 2 | 29.5 | 27.5 | - | 0.8 Thick double sided adhesive tape, RMS-324 | 3 - 16 | 1000 |

D

## Two-Piece Locking Clamp

**Natural Nylon 6/6, RMS-01**






KEEPER BAR

CLAMP

"F" (FOR FLAT HEAD SCREW)

| Part Number | Dimensions (mm) | | | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" | "I" | "J" | |
| D-1 | 25.1 | 38.9 | 43.7 | 31.8 | 12.7 | 5.1 | 10.2 | 47.2 | 14.2 | 6 | 100 |
| D-1.5 | 37.0 | 55.3 | 56.6 | 41.9 | 16.8 | 5.1 | 11.7 | 62.7 | 17.8 | 7.9 | 100 |

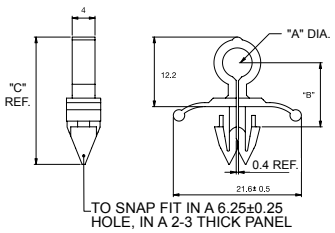
SRC

## Split Routing Clip

**Natural UL94 V2 Nylon 6/6, RMS-01**

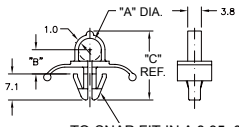


Type 1



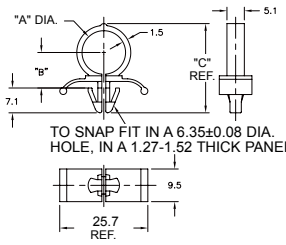

TO SNAP FIT IN A 6.25±0.25
HOLE, IN A 2-3 THICK PANEL

Type 2




TO SNAP FIT IN A 8.35±0.08 DIA.
HOLE, IN A 1.27-1.52 THICK PANEL

Type 3



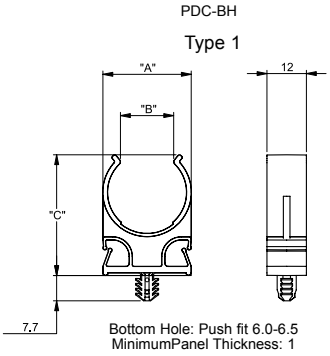

TO SNAP FIT IN A 6.35±0.08 DIA.
HOLE, IN A 1.27-1.52 THICK PANEL

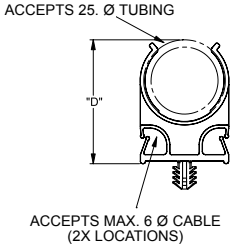
| Part Number | Type | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | "A" Ø | "B" | "C" | |
| SRC-1-01 | 1 | 5.0 | 11.2 | 22.3 | 1000 |
| SRC-4-01 | 2 | 6.4 | 6.6 | 19.1 | 1000 |
| SRC-7-01 | 3 | 11.1 | 9.8 | 24.7 | 1000 |
| SRC-8-01 | 3 | 12.7 | 10.8 | 26.5 | 1000 |
| SRC-10-01 | 3 | 15.9 | 12.7 | 29.9 | 1000 |

**PDCBH**

## Dual Cable and Pipe Clip

**Natural UL94 V2 Nylon 6/6, RMS-01**



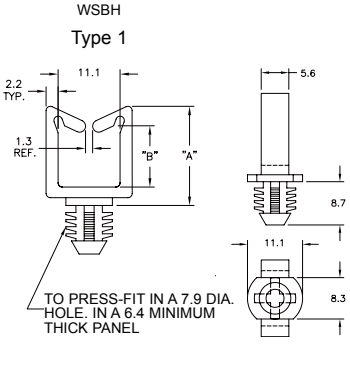


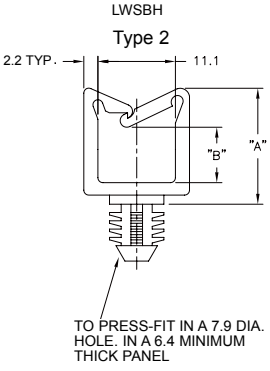

| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "D" | |
| PDCBH-1-01 | 1 | 27 | 16 | 36.7 | 37.7 | 500 |

**WSBH/LWSBH**

## Wire Saddle with Blind Hole Mount

**Natural UL94 V2 Nylon 6/6, RMS-01**



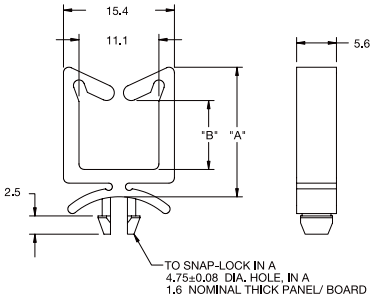






| Part Number | Type | "A" (mm) | "B" (mm) | Std Pack Qty |
|---|---|---|---|---|
| WSBH-1-01 | 1 | 13.2 | 4.8 | 1000 |
| WSBH-2-01 | 1 | 18.0 | 9.7 | 1000 |
| WSBH-3-01 | 1 | 27.2 | 18.8 | 1000 |
| WSBH-4-01 | 1 | 35.0 | 26.7 | 1000 |
| LWSBH-1-01 | 2 | 13.2 | 3.6 | 1000 |
| LWSBH-2-01 | 2 | 18.0 | 8.4 | 1000 |
| LWSBH-3-01 | 2 | 27.2 | 17.5 | 1000 |
| LWSBH-4-01 | 2 | 35.0 | 25.4 | 1000 |

**WS**

## Wire Saddle





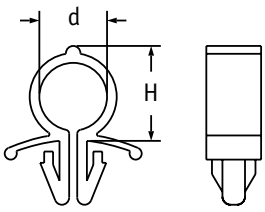

| Part Number | | "A" (mm) | "B" (mm) | Std Pack Qty |
|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | | |
| WS-1-01 | WS-1-19 | 13.2 | 4.8 | 1000 |
| WS-2-01 | WS-2-19 | 18.0 | 9.7 | 1000 |
| WS-3-01 | WS-3-19 | 27.2 | 18.8 | 1000 |
| WS-4-01 | WS-4-19 | 35.0 | 26.7 | 1000 |

SR 1783

# Push-In Wire Saddles

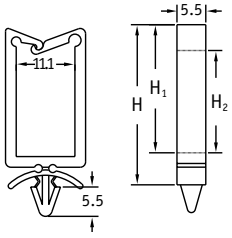
**Natural Nylon 6.6**

- Easy one-push fit
- One size fits a range of cable diameters
- Choice of four styles
- Flammability rating UL94 V2



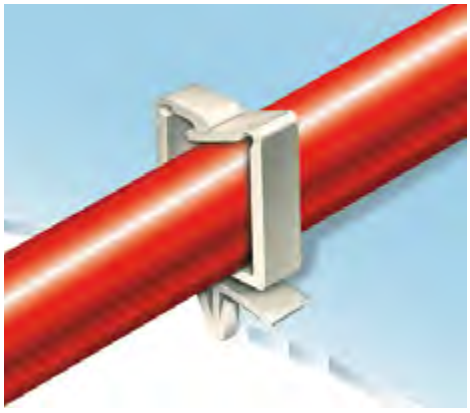

Type 1

- Permanent retention of cable close to fixing point




Type 3

- Range of sizes to accommodate a number of cables or cable sizes



Type 1 (Omega Clip)

| Part Number | Mounting Hole (mm) | Dimensions (mm) | | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| | | d | H | | |
| 460319 | 6.2 | 7.5 | 11.0 | 2.0 | 100 |

Fits 6.2mm panel hole.

Type 3 (Square/Rectangular Locking Wire Saddle)

| Part Number | Mounting Hole (mm) | Dimensions (mm) | | | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | H | $H_1$ | $H_2$ | | |
| 460321 | 4.8 | 12.7 | 9.2 | 2.8 | 2 | 100 |
| 497649 | 4.8 | 12.7 | 9.2 | 4 | 2 | 500 |
| 497636 | 4.8 | 17.9 | 11.4 | 8.6 | 2 | 500 |
| 460324 | 4.8 | 18 | 15.7 | 12.5 | 2 | 100 |
| 497639 | 4.8 | 26.9 | 23.4 | 18.2 | 2 | 500 |
| 460325 | 4.8 | 34.8 | 31.3 | 26.2 | 2 | 100 |
| 497650 | 4.8 | 34.8 | 31.3 | 26.2 | 2 | 500 |

All sizes fit 4.8mm panel hole.

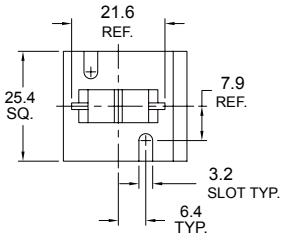
RWSB

# Round Wire Saddle on Base

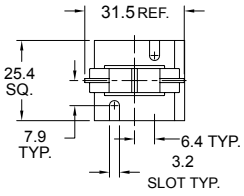
**Natural Adhesive Back, RMS-15**
**Natural Nylon 6/6,RMS-01**

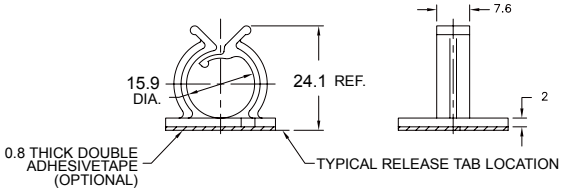


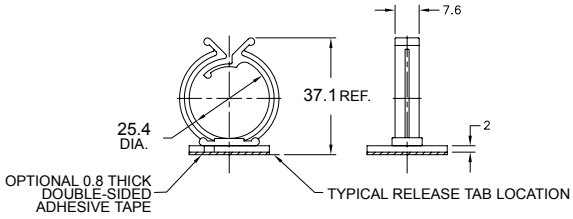
RWSB-10




RWSB-16



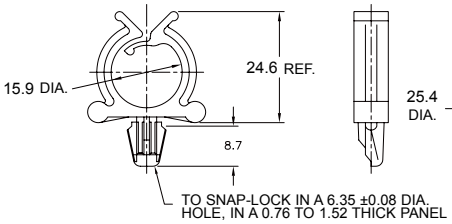




| Part Number<br>RWSB-10 | Part Number<br>RWSB-16 | Std Pack Qty |
|---|---|---|
| With Tape<br>RWSB-10-01A-RT | With Tape<br>RWSB-16-01A-RT | 1000 |

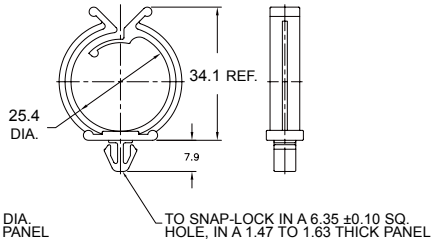
RWS

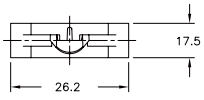
# Round Wire Saddle

RWS-10

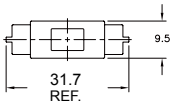



RWS-16




ROUND HOLE MOUNT




SQUARE HOLE MOUNT

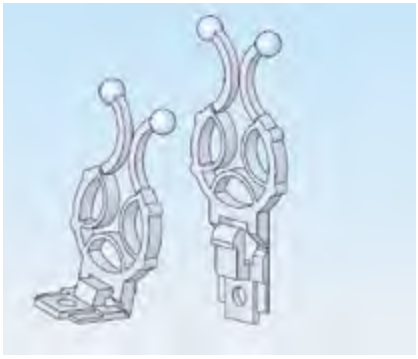


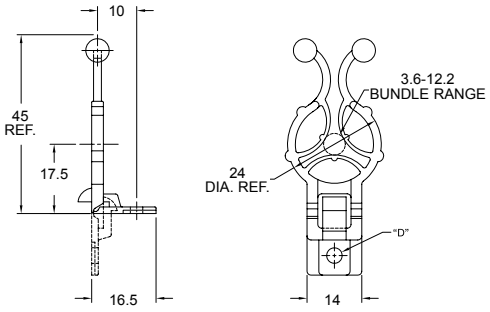
| Natural Nylon 6/6, RMS-01 | Black Nylon 6/6, RMS-01 | Natural UL94 V0 Nylon 6/6, RMS-19 | Std Pack Qty |
|---|---|---|---|
| RWS-10-01 | RWS-10-01BK | RWS-10-19 | 1000 |
| RWS-16-01 | RWS-16-01BK | RWS-16-19 | 1000 |

WTLH

## Webbed Twist Lock, Hinged

**Natural UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Hole Dia. "D" | Recommended Screw Size | Std Pack Qty |
|---|---|---|---|
| WTLH90-300-4-01 | 3.3 | #4 or M3 | 500 |
| WTLH90-300-6-01 | 3.8 | #6 or M3.5 | 500 |
| WTLH90300-M4-01 | 4.3 | #8 or M4 | 500 |

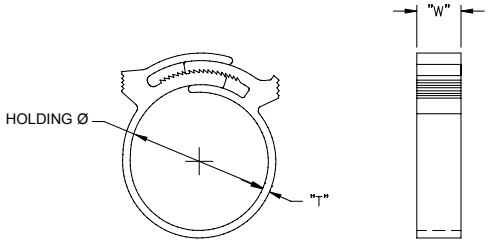
All dimensions in mm

SHC

## Snap-It Hose Clamp

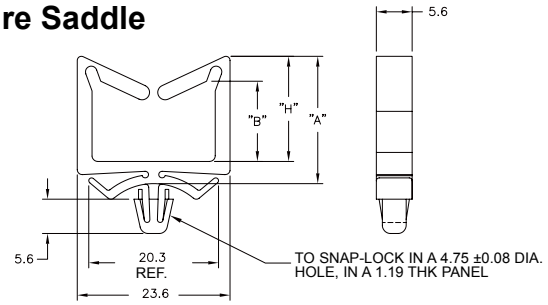
**White Nylon 6/6, RMS-73**






| Part Number | Holding Ø | W | Std Pack Qty |
|---|---|---|---|
| SHC-16GF | 6.4-7.9 | 3.3 | 100 |
| 135010159902 | 6.6-8 | 5 | 100 |
| 135010259902 | 8-9.2 | 5 | 100 |
| 135010359902 | 9.2-10.5 | 5 | 100 |
| 135010459902 | 10.2-12 | 6 | 100 |
| 135010559902 | 12-13.5 | 6 | 100 |
| 135010659902 | 12.8-15 | 7 | 100 |
| SHC-38 | 15.1-16.7 | 5.6 | 100 |
| 135010759902 | 15-17.2 | 7 | 100 |
| 135010859902 | 17-18.5 | 7 | 100 |
| 135010959902 | 18.2-20.5 | 7 | 100 |
| 135011059902 | 20.5-23 | 7 | 100 |
| 135011159902 | 22-25 | 7 | 100 |
| 135011259902 | 25-28 | 7 | 100 |
| 135011359902 | 27-30 | 7.5 | 100 |
| 135011459902 | 29.5-32.5 | 7.5 | 100 |
| 135011559902 | 32.5-35.5 | 8 | 100 |
| 135011659902 | 35-38 | 8 | 100 |
| 135011759902 | 38-41.5 | 8 | 50 |
| 135011859902 | 41-44.5 | 8 | 50 |
| 135011959902 | 44-47.5 | 8 | 50 |
| 135012059902 | 47-50.5 | 8 | 50 |

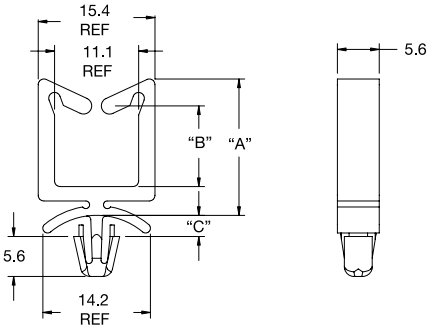
WWS
## Wide Wire Saddle






| Part Number | Part Number | "A" | "B" | "H" | Std Pack Qty |
|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | | | |
| WWS-A-2-01 | WWS-A-2-19 | 19.6 | 12.7 | 16.3 | 1000 |
| WWS-A-3-01 | WWS-A-3-19 | 28.5 | 21.6 | 25.2 | 1000 |

WS-A
## Wire Saddle, Arrowhead Mount
**Natural**

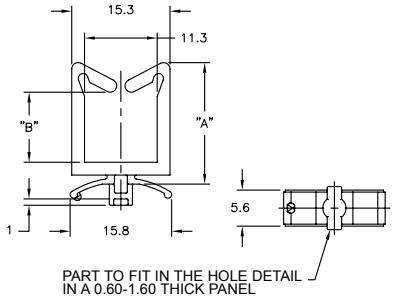





| Part Number | | "A" | "B" | "C" | Mounting Hole Ø | Panel Thickness | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | | | | | |
| WS-A-1-01 | WS-A-1-19 | 13.2 | 4.8 | 2.8 | 4.75 | 1.6 | 1000 |
| WS-A-2-01 | WS-A-2-19 | 18.0 | 9.7 | 2.8 | 4.75 | 1.6 | 1000 |
| WS-A-3-01 | WS-A-3-19 | 27.2 | 18.8 | 2.8 | 4.75 | 1.6 | 1000 |
| WS-A-4-01 | WS-A-4-19 | 35.0 | 26.7 | 2.8 | 4.75 | 1.6 | 1000 |
| WS-A-2-1-01 | WS-A-2-1-19 | 13.2 | 4.8 | 3.8 | 4.75 | 3.2 | 1000 |
| WS-A-2-2-01 | WS-A-2-2-19 | 18.0 | 9.7 | 3.8 | 4.75 | 3.2 | 1000 |
| WS-A-2-3-01 | WS-A-2-3-19 | 27.2 | 18.8 | 3.8 | 4.75 | 3.2 | 1000 |
| WS-A-2-4-01 | WS-A-2-4-19 | 35.0 | 26.7 | 3.8 | 4.75 | 3.2 | 1000 |

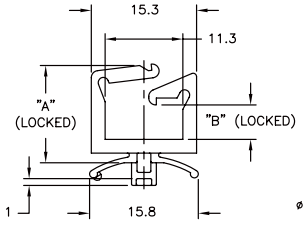
WS-9/LWS-9
## Wire Saddle, Quarter Turn
**Natural UL94V2 Nylon 6/6, RMS-01**

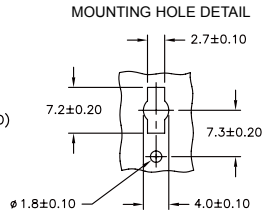
Type 1






Type 2



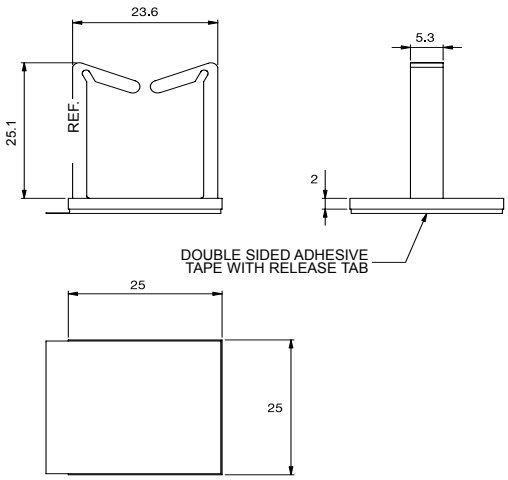

| Part Number | Type | "A" (mm) | "B" (mm) | Std Pack Qty |
|---|---|---|---|---|
| WS-9-1-01 | 1 | 13.0 | 4.8 | 1000 |
| WS-9-2-01 | 1 | 17.8 | 10.0 | 1000 |
| WS-9-3-01 | 1 | 26.9 | 19.1 | 1000 |
| WS-9-4-01 | 1 | 34.8 | 27.2 | 1000 |
| LWS-9-1-01 | 2 | 13.0 | 3.8 | 1000 |
| LWS-9-2-01 | 2 | 18.0 | 9.8 | 1000 |
| LWS-9-3-01 | 2 | 27.2 | 19.0 | 1000 |
| LWS-9-4-01 | 2 | 35.1 | 26.8 | 1000 |

WWSB

## Wire Saddle on Adhesive Base

**Natural Nylon 6/6, RMS-148 Double Adhesive Back, RMS-324**





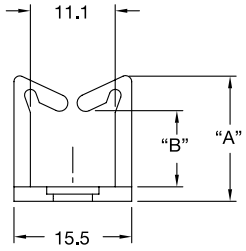

| Part Number | Std Pack Qty |
|---|---|
| WWSB-3-148A-RT | 500 |

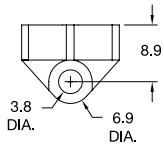
WS-SR/LWS-SR

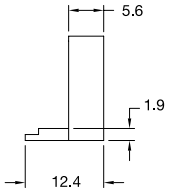
## Wire Saddle- Snap Rivet Mount

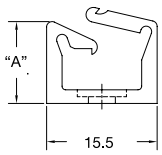
**Natural**

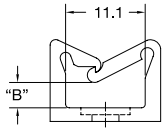





| Part Number | Type | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Nylon 6/6, RMS-01 | | "A" | "B" | Mounting Hole | |
| WS-SR-1-01 | 1 | 11.4 | 4.3 | 3.6 - 3.7 | 1000 |
| WS-SR-2-01 | 1 | 16.3 | 9.1 | 3.6 - 3.7 | 1000 |
| WS-SR-3-01 | 1 | 25.4 | 18.5 | 3.6 - 3.7 | 1000 |
| WS-SR-4-01 | 1 | 33.3 | 26.4 | 3.6 - 3.7 | 1000 |
| LWS-SR-1-01 | 2 | 11.4 | 3.6 | 3.6 - 3.7 | 1000 |
| LWS-SR-2-01 | 2 | 16.3 | 8.6 | 3.6 - 3.7 | 1000 |
| LWS-SR-2-19* | 2 | 16.3 | 8.6 | 3.6 - 3.7 | 1000 |
| LWS-SR-3-01 | 2 | 25.4 | 18.3 | 3.6 - 3.7 | 1000 |
| LWS-SR-4-01 | 2 | 33.3 | 25.4 | 3.6 - 3.7 | 1000 |

* UL94V0, Nylon 6/6, RMS-19

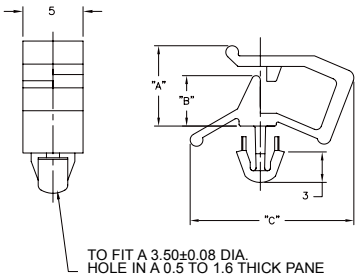
| Use Richco Rivet Number | For Chassis Thickness Range (mm) | Std Pack Qty |
|---|---|---|
| SR-3535 | 0.3-1.2 | 1000 |
| SR-3545 | 1.2-2.1 | 1000 |
| SR-3550 | 1.8-2.7 | 1000 |
| SR-3555 | 2.1-3 | 1000 |
| SR-3560 | 2.8-3.7 | 1000 |
| SR-3570 | 3.6-4.6 | 1000 |
| SR-3580 | 4.6-5.6 | 1000 |

WS-SE1

## Wire Saddle, Side Entry

**Natural UL94 V2 Nylon 6/6,RMS-01**



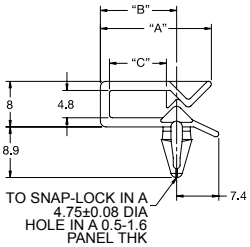


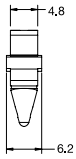

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | "B" | "C" | |
| WS-SE1-1-01 | 4.8 | 2.4 | 12.7 | 1000 |
| WS-SE1-2-01 | 6.7 | 4.2 | 15.1 | 1000 |
| WS-SE1-3-01 | 8.5 | 5.7 | 20.3 | 1000 |

## WS-SE2

# Wire Saddle, Side Entry

**Natural UL 94 V2 Nylon 6/6,RMS-01**



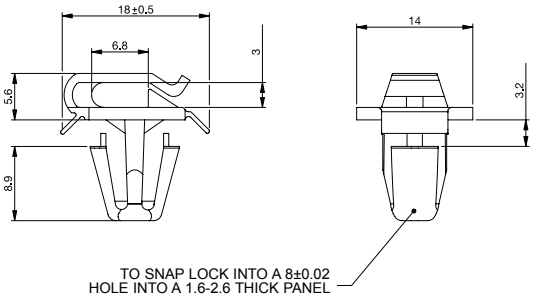



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | "B" | "C" | |
| WS-SE2-1-01 | 16.6 | 10.5 | 7.1 | 1000 |
| WS-SE2-2-01 | 19.5 | 13.4 | 10.0 | 1000 |

## WS-SE3

# Wire Saddle, Side Entry

**Natural UL94 V2 Nylon 6/6, RMS-01**





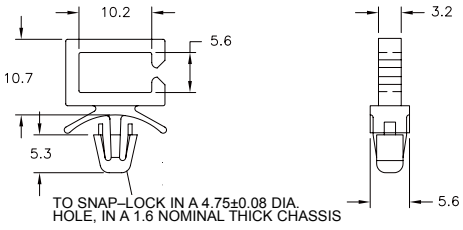

| Part Number | Std Pack Qty |
|---|---|
| WS-SE3-1-01 | 1000 |

## WS-SE-A

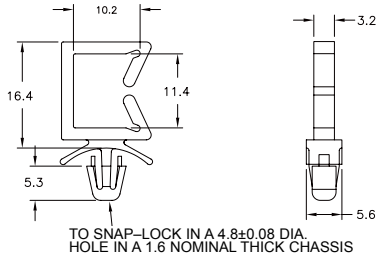
# Wire Saddle, Side Entry

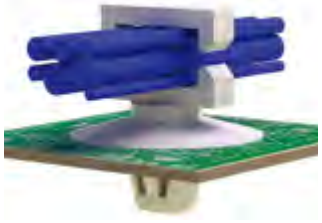
**Natural**

Type 1

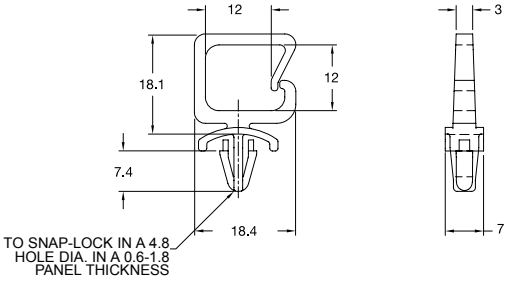



Type 2

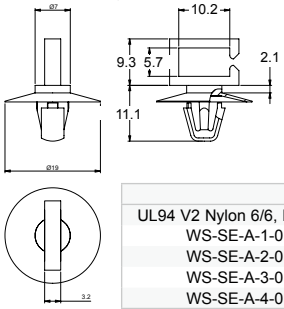


Type 3




Type 4







| Part Number | | Type | Std Pack Qty |
|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | |
| WS-SE-A-1-01 | WS-SE-A-1-19 | 1 | 1000 |
| WS-SE-A-2-01 | WS-SE-A-2-19 | 2 | 1000 |
| WS-SE-A-3-01 | WS-SE-A-3-19 | 3 | 1000 |
| WS-SE-A-4-01 | WS-SE-A-4-19 | 4 | 1000 |

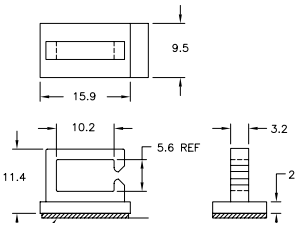
WS-SE-B

## Side Entry Wire Saddle on Adhesive Base

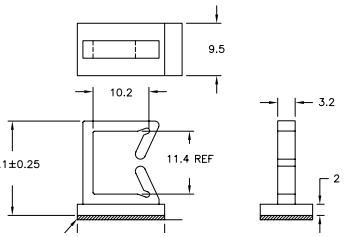
**Natural UL94 V2 Nylon 6/6, RMS-01**



WS-SE-B-1-01




WS-SE-B-2-01



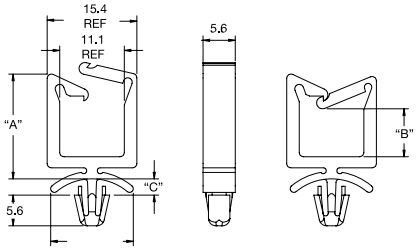

| Part Number | Adhesive | Std Pack Qty |
|---|---|---|
| WS-SE-B-1-01A | Acrylic, RMS-15 | 1000 |
| WS-SE-B-2-01A | Acrylic, RMS-15 | 1000 |

LWS-A

## Locking Wire Saddle, Arrowhead Mount

**Natural**






LOCKED POSITION AS MOLDED POSITION

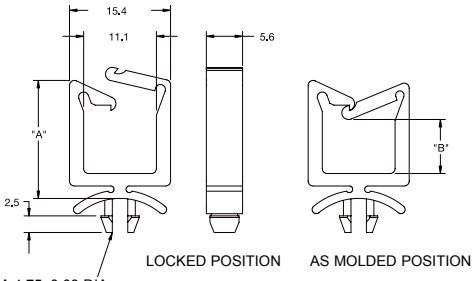
| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | "A" | "B" | "C" | Mounting Hole Ø | Panel Thickness | |
| LWS-A-1-01 | LWS-A-1-19 | 13.2 | 3.6 | 2.8 | 4.75 | 1.6 | 1000 |
| LWS-A-2-01 | LWS-A-2-19 | 18.0 | 8.4 | 2.8 | 4.75 | 1.6 | 1000 |
| LWS-A-3-01 | LWS-A-3-19 | 27.2 | 17.5 | 2.8 | 4.75 | 1.6 | 1000 |
| LWS-A-4-01 | LWS-A-4-19 | 35.0 | 25.4 | 2.8 | 4.75 | 1.6 | 1000 |
| LWS-A-2-1-01 | LWS-A-2-1-19 | 13.2 | 3.6 | 3.8 | 4.75 | 3.2 | 1000 |
| LWS-A-2-2-01 | LWS-A-2-2-19 | 18.0 | 8.4 | 3.8 | 4.75 | 3.2 | 1000 |
| LWS-A-2-3-01 | LWS-A-2-3-19 | 27.2 | 17.5 | 3.8 | 4.75 | 3.2 | 1000 |
| LWS-A-2-4-01 | LWS-A-2-4-19 | 35.0 | 25.4 | 3.8 | 4.75 | 3.2 | 1000 |

LWS

## Locking Wire Saddle

**Natural**





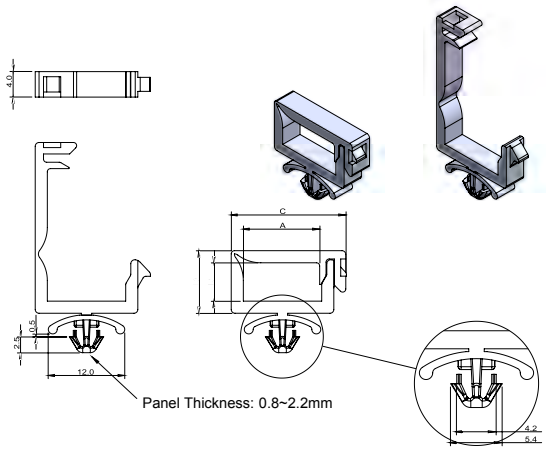

LOCKED POSITION AS MOLDED POSITION

TO SNAP-LOCK IN A 4.75±0.08 DIA. HOLE, IN A 1.6 NOMINAL THICK PANEL/BOARD

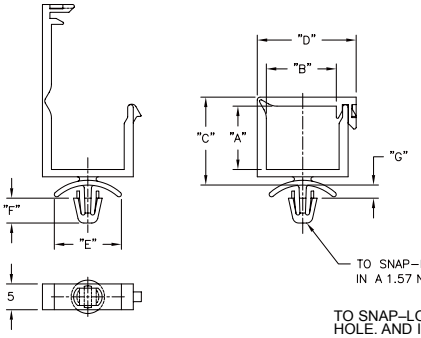
| Part Number | | "A" (mm) | "B" (mm) | Std Pack Qty |
|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | | |
| LWS-1-01 | LWS-1-19 | 13.2 | 3.6 | 1000 |
| LWS-2-01 | LWS-2-19 | 18.0 | 8.4 | 1000 |
| LWS-3-01 | LWS-3-19 | 27.2 | 17.5 | 1000 |
| LWS-4-01 | LWS-4-19 | 35.0 | 25.4 | 1000 |

## WSLC
# Wire Saddle Locking Clamp
**Natural**

| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Nylon6/6, RMS-01 | UL94 V0 Nylon6/6, RMS-19 | "A" | "B" | "C" | "D" | Mounting Hole Ø | |
| WSLC-1-01 | WSLC-1-19 | 6 | 2 | 12 | 5.8 | 3.5 | 1000 |
| WSLC-2-01 | WSLC-2-19 | 6 | 4 | 12 | 7.8 | 3.5 | 1000 |
| WSLC-3-01 | WSLC-3-19 | 9 | 4 | 15 | 7.8 | 3.5 | 1000 |
| WSLC-4-01 | WSLC-4-19 | 9 | 6 | 15 | 9.8 | 3.5 | 1000 |
| WSLC-5-01 | WSLC-5-19 | 12 | 4 | 18 | 7.8 | 3.5 | 1000 |
| WSLC-6-01 | WSLC-6-19 | 12 | 6 | 18 | 9.8 | 3.5 | 1000 |
| WSLC-4-1-01 | WSLC-4-1-19 | 6 | 2 | 12 | 5.8 | 4.0 | 1000 |
| WSLC-4-2-01 | WSLC-4-2-19 | 6 | 4 | 12 | 7.8 | 4.0 | 1000 |
| WSLC-4-3-01 | WSLC-4-3-19 | 9 | 4 | 15 | 7.8 | 4.0 | 1000 |
| WSLC-4-4-01 | WSLC-4-4-19 | 9 | 6 | 15 | 9.8 | 4.0 | 1000 |
| WSLC-4-5-01 | WSLC-4-5-19 | 12 | 4 | 18 | 7.8 | 4.0 | 1000 |
| WSLC-4-6-01 | WSLC-4-6-19 | 12 | 6 | 18 | 9.8 | 4.0 | 1000 |




## WSLT
# Wire Saddle, Locking Top
**Natural**

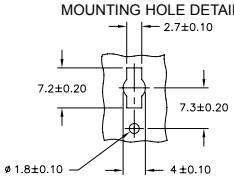


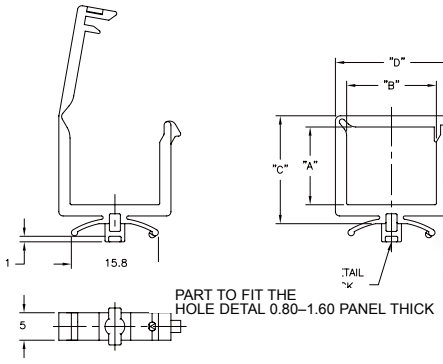



TO SNAP–LOCK INTO INDICATED DIA. HOLE. AND IN A 1.57 NOMINAL THICK BOARD

| Part Number | Part Number | Dimensions (mm) | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | "A" | "B" | "C" | "D" | "E" | "F" | "G" | Hole Ø ± 0.08 | |
| WSLT-3.5-2-1-01 | WSLT-3.5-2-1-19 | 3.4 | 13.5 | 8.9 | 19.6 | 9.5 | 3.0 | 2.5 | 3.5 | 1000 |
| WSLT-02-1-01 | WSLT-02-1-19 | 3.4 | 13.5 | 9.4 | 19.6 | 14.3 | 5.6 | 2.8 | 4.75 | 1000 |
| WSLT-01A-01 | WSLT-01A-19 | 4.8 | 10.7 | 10.6 | 16.8 | 14.3 | 5.6 | 2.8 | 4.75 | 1000 |
| WSLT-01-2-01 | WSLT-01-2-19 | 8.8 | 10.7 | 14.6 | 16.8 | 14.3 | 5.6 | 2.8 | 4.75 | 1000 |
| WSLT-02A-01 | WSLT-02A-19 | 10.0 | 16.3 | 15.8 | 22.4 | 14.3 | 5.6 | 2.8 | 4.75 | 1000 |
| WSLT-03-2-01 | WSLT-03-2-19 | 14.1 | 16.3 | 19.6 | 22.4 | 14.3 | 5.6 | 2.8 | 4.75 | 1000 |
| WSLT-03-3-01 | WSLT-03-3-19 | 21.7 | 18.0 | 27.3 | 24.1 | 14.3 | 5.6 | 2.8 | 4.75 | 1000 |

## WSLT-9
# Wire Saddle, Locking Top Quarter-Turn Base
**Natural Nylon 6/6, RMS-01**






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | |
| WSLT-9-01A-01 | 4.8 | 10.7 | 10.2 | 16.8 | 1000 |
| WSLT-9-01A-19* | 4.8 | 10.7 | 10.2 | 16.8 | 1000 |
| WSLT-9-01-2-01 | 9.1 | 10.7 | 14.4 | 16.8 | 1000 |
| WSLT-9-02A-1-01 | 10 | 16.3 | 15.2 | 22.4 | 1000 |
| WSLT-9-03-2-01 | 14.1 | 16.3 | 19.2 | 22.4 | 1000 |
| WSLT-9-03-3-01 | 21.7 | 18 | 26.8 | 24.1 | 1000 |

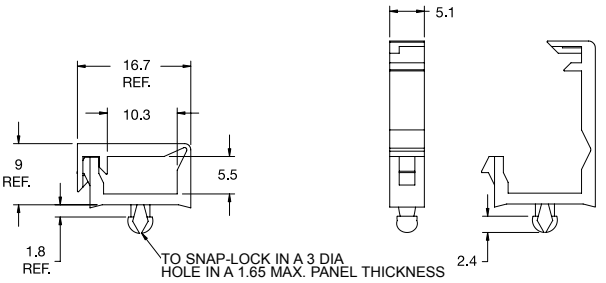
* Natural UL94 V0, Nylon 6/6, RMS-19

## WSLT-T

# Wire Saddle Locking Top Teardrop

**Black UL94 V0 Nylon 6/6, RMS-19**





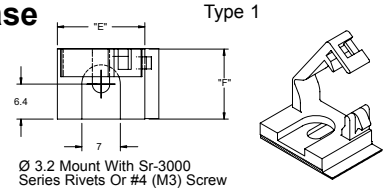

| Part Number | Std Pack Qty |
|---|---|
| WSLT-T-01A-19 | 1000 |

## WSLTB

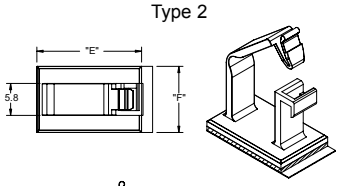
# Wire Saddle Locking Top on Base

**Natural UL94 V0 Nylon, 6/6, RMS-19;**
**Adhesive back, RMS-15**

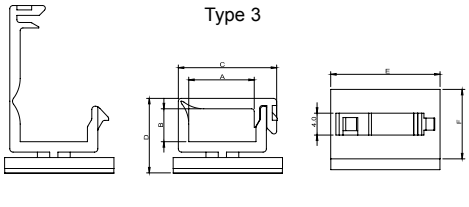
Type 1




Type 2




Type 3



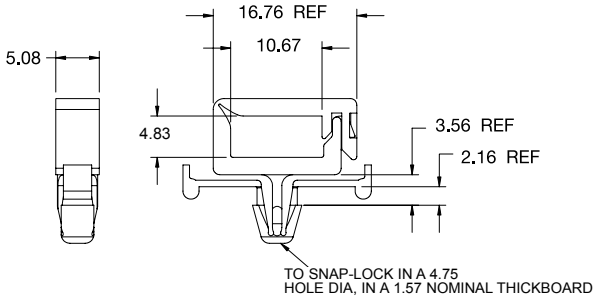

| Part Number | Type | Dimensions (mm) | | | | | | Mounting Method | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "D" | "E" | "F" | | |
| WSLTB-01A-19A | 1 | 4.8 | 10.7 | 10.4 | 16.8 | 16.0 | 12.7 | Acrylic Adhesive, RMS-15 | 1000 |
| WSLTB-01A-19 | 1 | 4.8 | 10.7 | 9.6 | 16.8 | 16.0 | 12.7 | Any *SR-3XXX rivet or #4 or M3 screw | 1000 |
| WSLTB-02A-19A | 1 | 10.0 | 16.3 | 15.5 | 22.4 | 21.5 | 12.7 | Acrylic Adhesive, RMS-15 | 1000 |
| WSLTB-02A-19 | 1 | 10.0 | 16.3 | 14.7 | 22.4 | 21.5 | 12.7 | Any *SR-3XXX rivet or #4 or M3 screw | 1000 |
| WSLTB-03A-19A | 2 | 12.7 | 11.0 | 16.8 | 17.5 | 19.0 | 12.0 | Acrylic Adhesive Tape | 1000 |
| WSLTB-04A-19A | 3 | 6 | 2 | 12 | 10 | 13 | 12.7 | Acrylic Adhesive Tape, RMS-15 | 1000 |
| WSLTB-05A-19A | 3 | 6 | 4 | 12 | 12 | 13 | 12.7 | Acrylic Adhesive Tape, RMS-15 | 1000 |
| WSLTB-06A-19A | 3 | 9 | 4 | 15 | 11.7 | 20 | 12.7 | Acrylic Adhesive Tape, RMS-15 | 1000 |
| WSLTB-07A-19A | 3 | 9 | 6 | 15 | 13.7 | 20 | 12.7 | Acrylic Adhesive Tape, RMS-15 | 1000 |
| WSLTB-08A-19A | 3 | 12 | 4 | 18 | 11.7 | 20 | 12.7 | Acrylic Adhesive Tape, RMS-15 | 1000 |
| WSLTB-09A-19A | 3 | 12 | 6 | 18 | 13.7 | 20 | 12.7 | Acrylic Adhesive Tape, RMS-15 | 1000 |

## WSLTRA-1-01

# Wire Saddle with Releasable Arrowhead

**Natural Nylon 6/6, RMS-01**

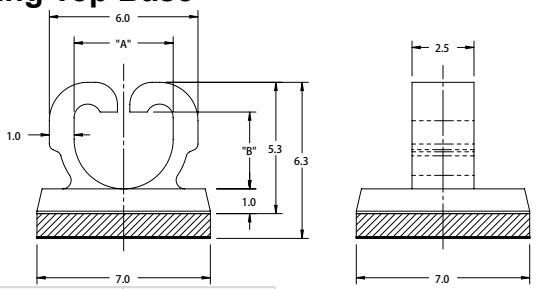





| Part Number | Std Pack Qty |
|---|---|
| WSLTRA-1-01 | 1000 |

All dimensions in mm

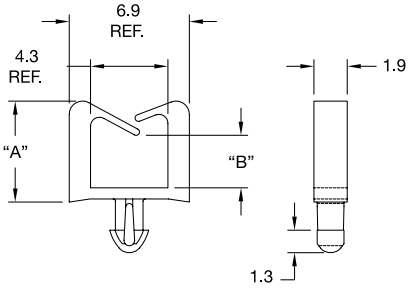
## MWSJ
# Micro Wire Saddle Locking Top Base
**Natural UL94V0;Nylon 6/6, RMS-19**






| Part Number | "A" | "B" | Std Pack Qty |
|---|---|---|---|
| MWSJ-1 | 4.0 | 3.1 | 1000 |

## MWS
# Micro Wire Saddle
**Natural**

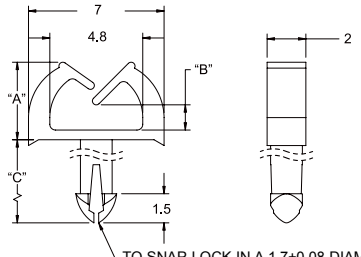




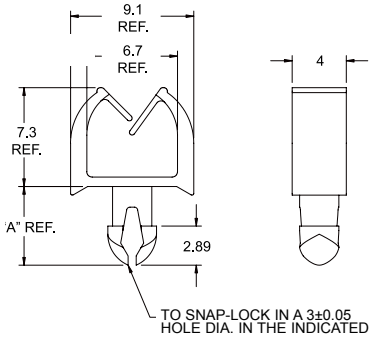

| Part Number | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | "A" | "B" | Mounting Holeø | Panel Thickness | |
| MWS-1-01 | MWS-1-19 | 5.8 | 3.0 | 1.75 | 1.57 | 1000 |
| MWS1-1-01 | MWS1-1-19 | 5.8 | 3.0 | 1.75 | 2.36 | 1000 |
| - | MWS-2-19 | 11.2 | 8.5 | 1.75 | 1.60 | 1000 |
| - | MWS-3-19 | 11.2 | 8.5 | 1.75 | 2.20 | 1000 |

## MWSET
# Micro Wire Saddle
**Natural**

MWSET1




MWSET2





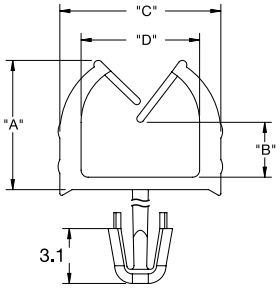

| Part Number | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Nylon 6/6, RMS-01 | UL94 V0 Nylon, 6/6, RMS-19 | "A" | "B" | "C" | Panel Thickness | |
| MWSET1-1-01 | MWSET1-1-19 | 4 | 0.9 | 3.3 | 1.6 | 1000 |
| MWSET1-2-01 | MWSET1-2-19 | 6 | 2.9 | 3.3 | 1.6 | 1000 |
| MWSET1-1-1-01 | MWSET1-1-1-19 | 4 | 0.9 | 4.1 | 2.4 | 1000 |
| MWSET1-2-1-01 | MWSET1-2-1-19 | 6 | 2.9 | 4.1 | 2.4 | 1000 |

| Part Number | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| Nylon6/6, RMS-01 | UL94 V0 Nylon, 6/6, RMS-19 | "A" | Panel Thickness | |
| MWSET2-1-01 | MWSET2-1-19 | 4.29 | 1-1.2 | 1000 |
| MWSET2-2-01 | MWSET2-2-19 | 4.79 | 1.2-1.6 | 1000 |

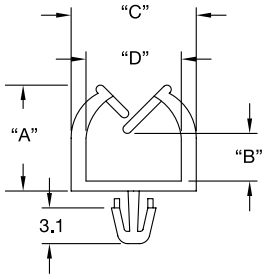
## MWSEA
# Micro Wire Saddle
**Natural**



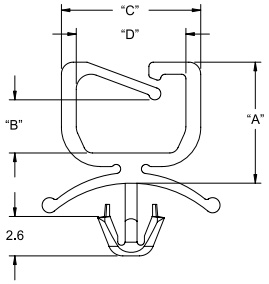
Type 1




Type 2



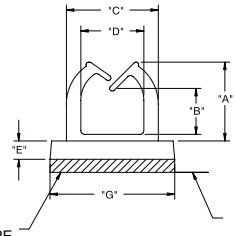

Type 3



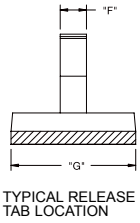

| Part Number | | Type | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Nylon 6/6, RMS-01 | UL94 V0 Nylon, 6/6, RMS-19 | | Hole Ø | Panel Thickness | "A" | "B" | "C" | "D" | |
| MWSEA1-1-01 | MWSEA1-1-19 | 1 | 3 | 1.6 | 7.3 | 3.0 | 9.1 | 6.6 | 1000 |
| MWSEA2-1-01 | MWSEA2-1-19 | 1 | 3.5 | 1.6 | 7.3 | 3.0 | 9.1 | 6.6 | 1000 |
| MWSEA1-1-1-01 | MWSEA1-1-1-19 | 1 | 3.0 | 2.4 | 7.3 | 3.0 | 9.1 | 6.6 | 1000 |
| MWSEA2-1-1-01 | MWSEA2-1-1-19 | 1 | 3.5 | 2.4 | 7.3 | 3.0 | 9.1 | 6.6 | 1000 |
| MWSEA1-2-01 | MWSEA1-2-19 | 1 | 3.0 | 1.6 | 9.1 | 3.9 | 10.8 | 8.1 | 1000 |
| MWSEA2-2-01 | MWSEA2-2-19 | 1 | 3.5 | 1.6 | 9.1 | 3.9 | 10.8 | 8.1 | 1000 |
| MWSEA1-1-2-01 | MWSEA1-1-2-19 | 1 | 3.0 | 2.4 | 9.1 | 3.9 | 10.8 | 8.1 | 1000 |
| MWSEA2-1-2-01 | MWSEA2-1-2-19 | 1 | 3.5 | 2.4 | 9.1 | 3.9 | 10.8 | 8.1 | 1000 |
| MWSEA1-3-01 | MWSEA1-3-19 | 1 | 3.0 | 1.6 | 11.2 | 6.0 | 12.0 | 9.1 | 1000 |
| MWSEA2-3-01 | MWSEA2-3-19 | 1 | 3.5 | 1.6 | 11.2 | 6.0 | 12.0 | 9.1 | 1000 |
| MWSEA1-1-3-01 | MWSEA1-1-3-19 | 1 | 3.0 | 2.4 | 11.2 | 6.0 | 12.0 | 9.1 | 1000 |
| MWSEA2-1-3-01 | MWSEA2-1-3-19 | 1 | 3.5 | 2.4 | 11.2 | 6.0 | 12.0 | 9.1 | 1000 |
| MWSEA1-4-01 | MWSEA1-4-19 | 1 | 3.0 | 1.6 | 13.0 | 7.7 | 12.0 | 9.1 | 1000 |
| MWSEA2-4-01 | MWSEA2-4-19 | 1 | 3.5 | 1.6 | 13.0 | 7.7 | 12.0 | 9.1 | 1000 |
| MWSEA1-1-4-01 | MWSEA1-1-4-19 | 1 | 3.0 | 2.4 | 13.0 | 7.7 | 12.0 | 9.1 | 1000 |
| MWSEA2-1-4-01 | MWSEA2-1-4-19 | 1 | 3.5 | 2.4 | 13.0 | 7.7 | 12.0 | 9.1 | 1000 |
| MWSEA3-2-01 | MWSEA3-2-19 | 2 | 3.5 | 1.6 | 9.1 | 3.9 | 10.8 | 8.1 | 1000 |
| MWSEA4-1-01 | MWSEA4-1-19 | 3 | 3.5 | 0.6-1.6 | 8.0 | 3.5 | 9.4 | 7.4 | 1000 |

## MWSEB
# Micro Wire Saddle on Adhesive Base
**Natural**



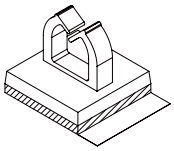



0.8 THICK DOUBLE SIDED ADHESIVE TAPE

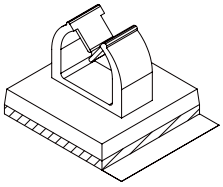



TYPICAL RELEASE TAB LOCATION

Type 1



Type 2

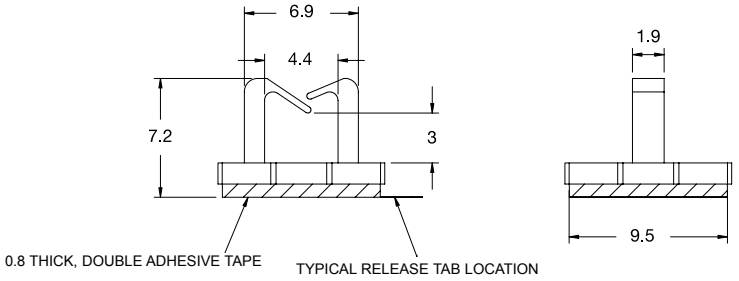


| Part Number | | Type | Dimensions (mm) | | | | | | | Adhesive Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | "A" | "B" | "C" | "D" | "E" | "F" | "G" | | |
| MWSEB-1-01A-RT | MWSEB-1-19A-RT | 1 | 4.0 | 1.3 | 7.0 | 4.8 | 1.6 | 2.0 | 9.5 | RMS-24 | 1000 |
| MWSEB-2-01A-RT | MWSEB-2-19A-RT | 1 | 6.0 | 3.3 | 7.0 | 4.8 | 1.6 | 2.0 | 9.5 | RMS-24 | 1000 |
| MWSEB-3-01A-RT | MWSEB-3-19A-RT | 2 | 7.3 | 3.0 | 9.0 | 6.6 | 2.0 | 4.0 | 12.7 | RMS-24 | 1000 |
| MWSEB-4-01A-RT | MWSEB-4-19A-RT | 2 | 9.2 | 4.8 | 10.8 | 8.0 | 2.0 | 4.0 | 12.7 | RMS-24 | 1000 |
| MWSEB-5-01A-RT | MWSEB-5-19A-RT | 2 | 11.2 | 5.8 | 11.9 | 9.1 | 2.0 | 4.0 | 12.7 | RMS-24 | 1000 |
| MWSEB-6-01A-RT | MWSEB-6-19A-RT | 2 | 13.0 | 8.4 | 12.0 | 9.1 | 2.0 | 4.0 | 12.7 | RMS-24 | 1000 |

MWSB

## Micro Wire Saddle on Adhesive Base

**Adhesive Back: RMS-24**



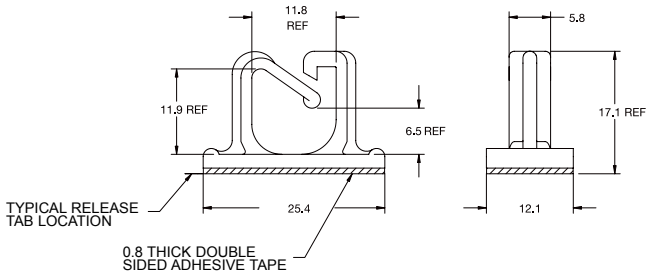



| Part Number | Std Pack Qty |
|---|---|
| Natural UL94 V-0 Nylon 6/6, RMS-19<br>MWSB-1-19A-RT | 1000 |
| Natural UL94 V2 Nylon 6/6, RMS-01<br>MWSB-1-01A-RT | 1000 |

WSB-2

## Wire Saddle on Adhesive Base

**Nylon 6/6,RMS-01**



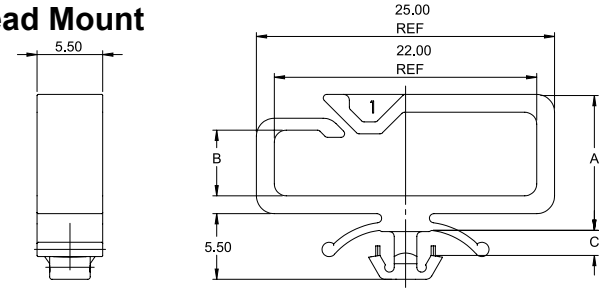



| Part Number | Std Pack Qty |
|---|---|
| WSB-2-01A-RT | 1000 |

WS-L-A

## Wire Saddle, Arrowhead Mount

**Natural, UL94V2 Nylon 6/6, RMS-104**





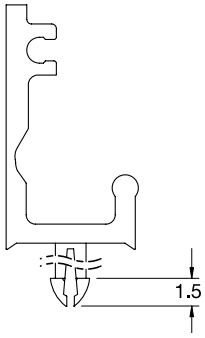

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" REF. | "B" REF. | "C" REF. | Hole Ø | PanelThickness | |
| WS-L-A-1 | 11.30 | 5.50 | 2.10 | 4.8 | 0.80-1.6 | 1000 |

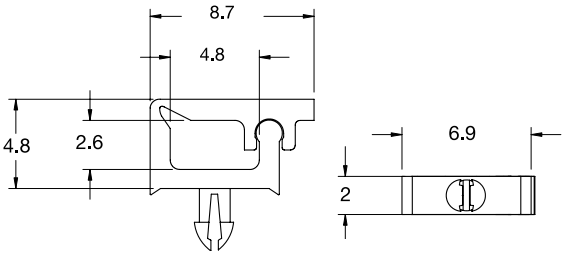
MWSLT

## Micro Wire Saddle, Locking Top

**Natural**





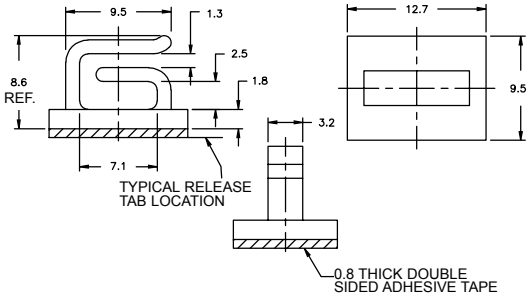




| Part Number | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | Panel Hole Ø | Panel Thickness | |
| MWSLT-1-01 | MWSLT-1-19 | 1.7 | 1.6 | 1000 |
| MWSLT1-1-01 | MWSLT1-1-19 | 1.7 | 2.4 | 1000 |

MOFNSB

## Mini Optical Fiber Network Saddle on Adhesive Base

**Natural**
**Adhesive,RMS-15**




| Part Number | Part Number | Std Pack Qty |
|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | |
| MOFNSB-2-01A-RT | MOFNSB-2-19A-RT | 1000 |

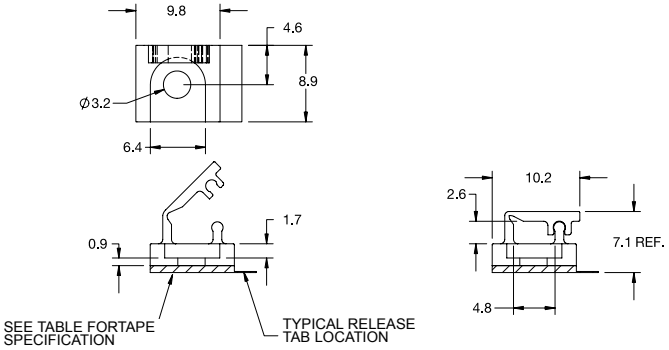
All dimensions in mm

MWSLTB

## Micro Wire Saddle Locking Top on Base

**Natural UL94 V0 Nylon, 6/6, RMS-19**





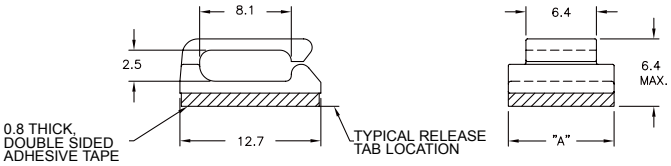

| Part Number | Mounting Method | Std Pack Qty |
|---|---|---|
| MWSLTB-1-19A-RT | Acrylic Adhesive, RMS-15, 0.8 thick | 1000 |
| MWSLTB-1-19 | Any *SR-30XX rivet or #4 or M3 screw | 1000 |

MWSSEB/MWSSEBE

## Side Entry Micro Wire Saddle on Adhesive Base

**Natural Adhesive Back: RMS-24**






| Part Number | | "A" (mm) | Std Pack Qty |
|---|---|---|---|
| Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | |
| MWSSEB-1-01A-RT | MWSSEB-1-19A-RT | 9.5 | 1000 |
| MWSSEBE-1-01A | MWSSEBE-1-19A | 12.7 | 1000 |

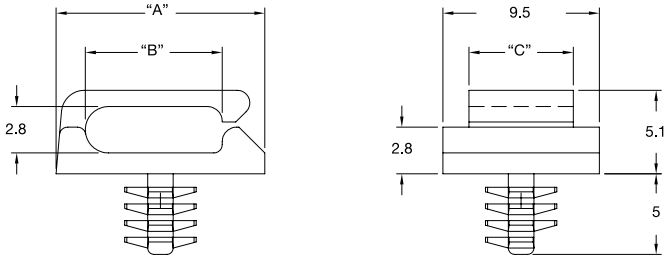
MBHWSSE

## Micro Blind Hole Mount Wire Saddle

**Natural UL94 V2 Nylon 6/6, RMS-01**

LINE EXTENSION



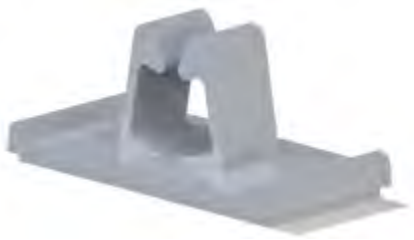


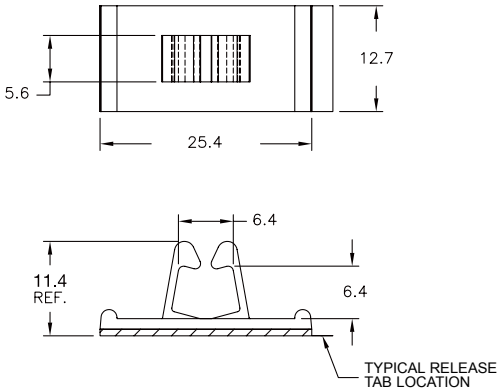

| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| UL94 V2 | UL94 V0 | "A" | "B" | "C" | Mounting Hole Ø | Panel Thickness | |
| MBHWSSE-1-01 | MBHWSSE-1-19 | 12.7 | 8.3 | 6.4 | 4 | 1 - 4.1 | 1000 |
| MBHWSSE1-1-01 | MBHWSSE1-1-19 | 17.0 | 12.5 | 8.0 | 4 | 1 - 4.1 | 1000 |

WCB

## Cord Clip on Base

**Natural Nylon6/6, RMS-01**



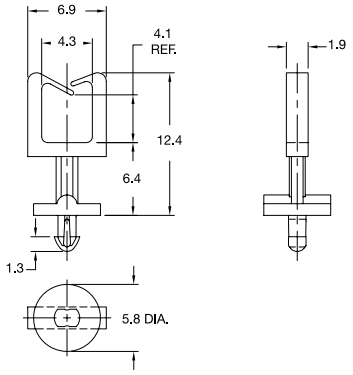



| Part Number | Adhesive Material | Std Pack Qty |
|---|---|---|
| WCB-250-01A-RT | RMS-324 | 1000 |

SMWS

## Standoff Micro Wire Saddle





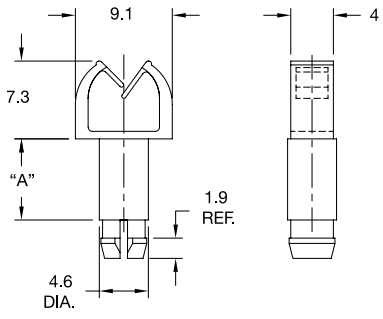

| Part Number | | Hole Ø (mm) | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|
| Natural Nylon 6/6, RMS-01 | Natural UL94 V0 Nylon, 6/6 RMS-19 | | | |
| SMWS-1-01 | SMWS-1-19 | 1.78 ± 0.05 | 1.57 | 1000 |
| SMWS1-1-01 | SMWS1-1-19 | 1.78 ± 0.05 | 2.36 | 1000 |

MWSELF

## Stand-Off Micro Wire Saddle

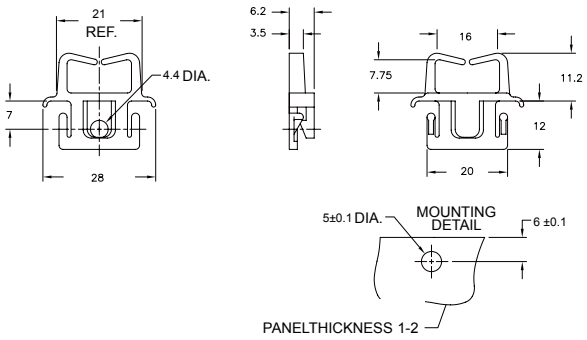
**Natural**






| Part Number | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | "A" | Hole Ø | Panel Thickness | |
| MWSELF-1-4.1-01 | MWSELF-1-4.1-19 | 4.1 | 3.80 | 1.6 | 1000 |
| MWSELF-1-7.7-01 | MWSELF-1-7.7-19 | 7.7 | 3.80 | 1.6 | 1000 |
| MWSELF-2-4.1-01 | MWSELF-2-4.1-19 | 4.1 | 3.80 | 2.0 | 1000 |
| MWSELF-2-7.7-01 | MWSELF-2-7.7-19 | 7.7 | 3.80 | 2.0 | 1000 |

## EHWSE
# Edge Holding Wire Saddle
**Natural Nylon 6/6, RMS-01**

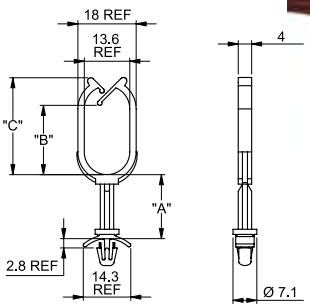





| Part Number | Std Pack Qty |
|---|---|
| EHWSE-1-01 | 500 |

## SHK/SHKE
# Stand-Off Harness Clip

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| Natural UL 94 V-2 Nylon 6/6, RMS-01 | "A" ±0.4 | "B" | "C" | |
| SHK-6-01 | 9.5 | 13.6 | 19.5 | 1000 |
| SHK-8-01 | 12.7 | 13.6 | 19.5 | 1000 |
| SHK-16-01 | 25.4 | 13.6 | 19.5 | 1000 |
| SHK-20-01 | 31.8 | 13.6 | 19.5 | 1000 |
| SHKE-6-01 | 9.5 | 20.6 | 29.0 | 1000 |
| SHKE-8-01 | 12.7 | 20.6 | 29.0 | 1000 |
| SHKE-12-01 | 19.1 | 20.6 | 29.0 | 1000 |
| SHKE-16-01 | 25.4 | 20.6 | 29.0 | 1000 |
| SHKE-20-01 | 31.8 | 20.6 | 29.0 | 1000 |




Bottom Hole Snap-lock: Ø 4.8 ± 0.08
Panel Thickness: 0.76 - 2.0



## SHHK
# Slot Hole Harness Clip
**Natural**







T SHAPE HOLE
MOUNTING HOLE STYLE A

SLOT HOLE
MOUNTING HOLE STYLE B

Mounting Panel Thickness:
0.8-2.0mm



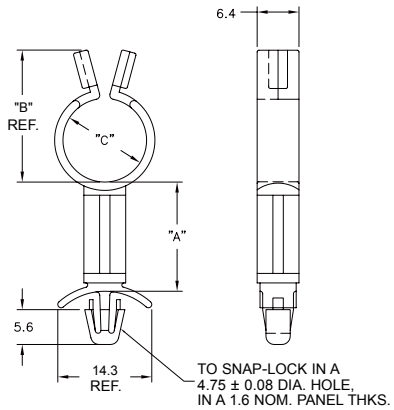
| Part Number | | Std Pack Qty |
|---|---|---|
| Nylon 6/6 UL94 V2, RMS-01 | Nylon 6/6 UL94 V0, RMS-19 | |
| SHHK-1-01 | SHHK-1-19 | 1000 |
| SHHK-2-01 | SHHK-2-19 | 1000 |
| SHHK-3-01 | SHHK-3-19 | 1000 |

SLCS

## Stand-Off Locking Clip

**Natural UL94 V2 Nylon6/6, RMS-01**






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | A | B | Max Bundle Ø | |
| SLCS-250-3-01 | 4.8 | 13.5 | 4.8 | 1000 |
| SLCS-250-4-01 | 6.4 | 13.5 | 4.8 | 1000 |
| SLCS-250-6-01 | 9.5 | 13.5 | 4.8 | 1000 |
| SLCS-250-8-01 | 12.7 | 13.5 | 4.8 | 1000 |
| SLCS-250-16-01 | 25.4 | 13.5 | 4.8 | 1000 |
| SLCS-370-3-01 | 4.8 | 16.8 | 7.9 | 1000 |
| SLCS-370-4-01 | 6.4 | 16.8 | 7.9 | 1000 |
| SLCS-370-6-01 | 9.5 | 16.8 | 7.9 | 1000 |
| SLCS-370-8-01 | 12.7 | 16.8 | 7.9 | 1000 |
| SLCS-370-16-01 | 25.4 | 16.8 | 7.9 | 1000 |
| SLCS-500-3-01 | 4.8 | 21.1 | 11.1 | 1000 |
| SLCS-500-3-19* | 4.8 | 21.1 | 11.1 | 1000 |
| SLCS-500-4-01 | 6.4 | 21.1 | 11.1 | 1000 |
| SLCS-500-6-01 | 9.5 | 21.1 | 11.1 | 1000 |
| SLCS-500-8-01 | 12.7 | 21.1 | 11.1 | 1000 |
| SLCS-500-16-01 | 25.4 | 21.1 | 11.1 | 1000 |
| SLCS-750-3-01 | 4.8 | 26.4 | 17.5 | 1000 |
| SLCS-750-3-19* | 4.8 | 26.4 | 17.5 | 1000 |
| SLCS-750-4-01 | 6.4 | 26.4 | 17.5 | 1000 |
| SLCS-750-6-01 | 9.5 | 26.4 | 17.5 | 1000 |
| SLCS-750-16-01 | 25.4 | 26.4 | 17.5 | 1000 |

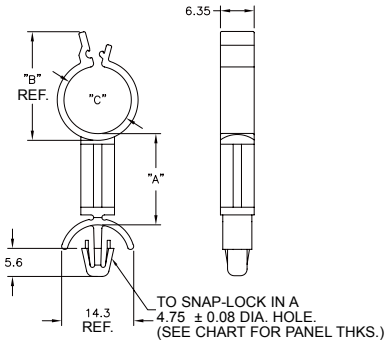
*UL94 V0 Nylon 6/6, RMS-19

SLCSE

## Stand-Off Lock Clip

**Natural UL94 V2 Nylon6/6, RMS-01**

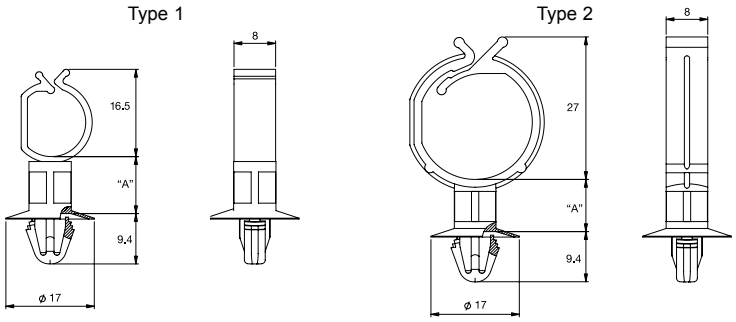





| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | Panel Thickness | Max Bundle Dia. | |
| SLCSE-250-3-01 | 4.8 | 14.5 | 0.8-2 | 5.6 | 1000 |
| SLCSE-370-3-01 | 4.8 | 18 | 0.8-2 | 8.9 | 1000 |
| SLCSE-500-3-01 | 4.8 | 21 | 0.8-2 | 12 | 1000 |
| SLCSE-750-3-01 | 4.8 | 27.5 | 0.8-2 | 18.4 | 1000 |
| SLCSE2-250-3-01 | 4.8 | 14.5 | 2-4 | 5.6 | 1000 |
| SLCSE2-370-3-01 | 4.8 | 18 | 2-4 | 8.9 | 1000 |
| SLCSE2-500-3-01 | 4.8 | 21 | 2-4 | 12 | 1000 |
| SLCSE2-750-3-01 | 4.8 | 27.5 | 2-4 | 18.4 | 1000 |

SCCA/SCCB

## Standoff Cable Clamps



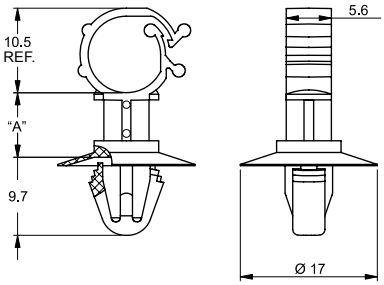



| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Natural UL94 V-2 Nylon 6/6, RMS-01 | Natural UL94 V-0 Nylon 6/6, RMS-19 | Type | "A" | Max. Cable Bundle Ø | Hole Ø | Panel Thickness | |
| SCCA-1-01 | SCCA-1-19 | 1 | 4 | 11 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCA-2-01 | SCCA-2-19 | 1 | 6 | 11 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCA-3-01 | SCCA-3-19 | 1 | 8 | 11 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCA-4-01 | - | 1 | 10 | 11 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCA-5-01 | SCCA-5-19 | 1 | 12 | 11 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCB-1-01 | SCCB-1-19 | 2 | 4 | 22 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCB-2-01 | - | 2 | 6 | 22 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCB-3-01 | SCCB-3-19 | 2 | 8 | 22 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCB-4-01 | - | 2 | 10 | 22 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCB-5-01 | SCCB-5-19 | 2 | 12 | 22 | 6.5 - 7 | 0.6 - 2 | 1000 |
| SCCB-6-01 | SCCB-6-19 | 2 | 30 | 22 | 6.5 - 7 | 0.6 - 2 | 1000 |

SCC-SE

## Standoff Cable Clip Side Entry

**Natural UL94 V0 Nylon 6/6, RMS-19**




Bottom Hole: Snap-lock 6.5-7
Panel Thickness: 0.8-1.25

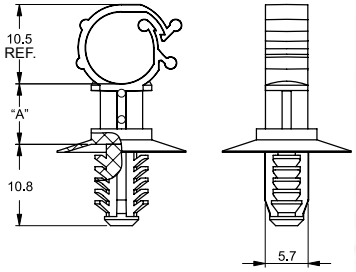


| Part Number | "A" (mm) | Cable Bundle Max (mm) | Std Pack Qty |
|---|---|---|---|
| SCC-SE-4-19 | 4 | 9 | 1000 |
| SCC-SE-8-19 | 8 | 9 | 1000 |
| SCC-SE-10-19 | 10 | 9 | 1000 |
| SCC-SE-12-19 | 12 | 9 | 1000 |

SCCBH-SE

## Standoff Cable Clip Side Entry

**Natural UL94 V0 Nylon 6/6, RMS-19**




Bottom Hole: Push fit Ø6.5
Panel Thickness: Min 0.7



| Part Number | "A" (mm) | Cable Bundle Max (mm) | Std Pack Qty |
|---|---|---|---|
| SCCBH-SE-4-19 | 4 | 9 | 1000 |
| SCCBH-SE-8-19 | 8 | 9 | 1000 |
| SCCBH-SE-10-19 | 10 | 9 | 1000 |
| SCCBH-SE-12-19 | 12 | 9 | 1000 |

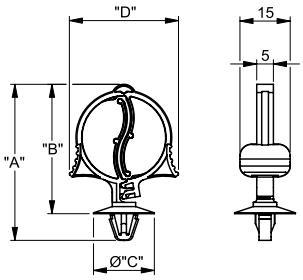
WCC

## Webbing Centre Clip

**Natural UL94 V-2 Nylon 6/6, RMS-01**



Type 1



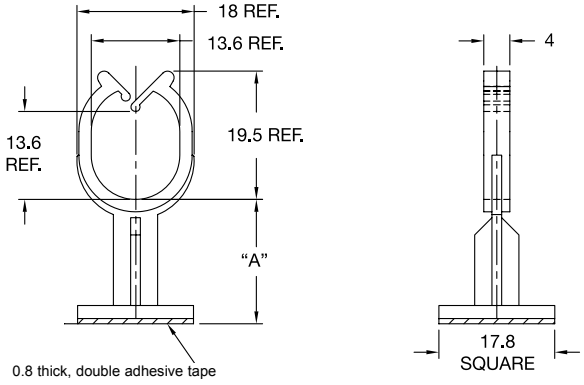

| Part Number | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | Type | "A" | "B" | "C" | "D" | Mounting Method | Cable Bundle Ø | |
| WCC1-1-01 | 1 | 35 | 28 | 18.4 | 23 | To Snap-Lock In A 4 - 4.8, Panel Thickness0.5 - 1.6 | 3 - 7.9 | 500 |
| WCC1-2-01 | 1 | 40 | 31 | 18.4 | 27 | To Snap-Lock In A 4 - 4.8, Panel Thickness0.5 - 1.6 | 3 - 9.5 | 500 |
| WCC1-3-01 | 1 | 45 | 37 | 18.4 | 33 | To Snap-Lock In A 4 - 4.8, Panel Thickness0.5 - 1.6 | 3 - 12.7 | 500 |
| WCC2-1-01 | 1 | 32 | 28 | 16.0 | 23 | To Snap-Lock In A 6 - 6.8, Panel Thickness0.5 - 2.5 | 3 - 7.9 | 500 |
| WCC2-2-01 | 1 | 37 | 31 | 16.0 | 27 | To Snap-Lock In A 6 - 6.8, Panel Thickness0.5 - 2.5 | 3 - 9.5 | 500 |
| WCC2-3-01 | 1 | 42 | 37 | 16.0 | 33 | To Snap-Lock In A 6 - 6.8, Panel Thickness0.5 - 2.5 | 3 - 12.7 | 500 |

SHKBS

## Stand-Off Harness Clip on Adhesive

**Natural UL94 V2 Nylon 6/6, RMS-01**
**Adhesive Back: RMS-15**






| Part Number | "A" (mm) | Std Pack Qty |
|---|---|---|
| SHKBS-4-01A-RT | 6.4 | 1000 |
| SHKBS-8-01A-RT | 12.7 | 1000 |

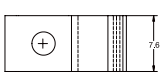
**HURCS/DHURCS**

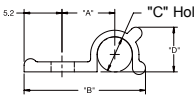
## Screw Mount U Clamp

**Natural Nylon 6/6, RMS-01**

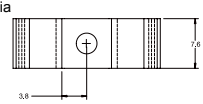


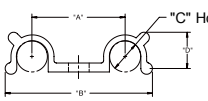
Type 1 - HURCS






Type 2 - DHURCS




Mounting Notes - 3.2 ±0.5 mounting hole Ø for #4 or M3 screw or SR-30XX series rivet

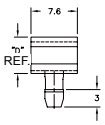
| Part Number | Dimensions (mm) | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" | "B" | "C" Holding Ø | "D" | | |
| HURCS-2-01 | 6.2 | 15.0 | 3.2 | 4.3 | 1 | 1000 |
| HURCS-3-01 | 7.1 | 15.6 | 4.8 | 6.1 | 1 | 1000 |
| HURCS-4-01 | 8.1 | 18.3 | 6.4 | 7.6 | 1 | 1000 |
| DHURCS-2-01 | 12.4 | 19.0 | 3.2 | 4.3 | 2 | 1000 |
| DHURCS-3-01 | 14.2 | 22.6 | 4.8 | 6.1 | 2 | 1000 |
| DHURCS-4-01 | 16.2 | 25.9 | 6.4 | 7.6 | 2 | 1000 |

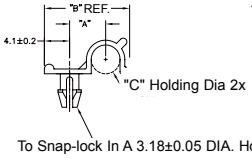
**HURC/DHURC**

## Plug In Routing Clips

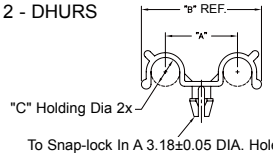
**Natural UL94 V2 Nylon 6/6, RMS-01**

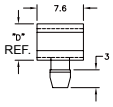
Type 1 - HURC




Type 2 - DHURS




Type 1 - HURC



Type 2 - DHURS



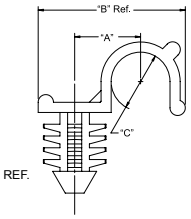
| Part Number | Dimensions (mm) | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "C" Holding Ø | "A" | "B" | "D" | Panel Thickness | | |
| HURC-2-01 | 3.2 | 5.1 | 12.4 | 4.3 | 1.6 | 1 | 1000 |
| HURC-3-01 | 4.8 | 6.1 | 14.2 | 6.1 | 1.6 | 1 | 1000 |
| HURC-4-01 | 6.4 | 6.9 | 15.7 | 7.6 | 1.6 | 1 | 1000 |
| HURC1-2-01 | 3.2 | 5.1 | 12.4 | 4.3 | 2.4 | 1 | 1000 |
| HURC1-3-01 | 4.8 | 6.1 | 14.2 | 6.1 | 2.4 | 1 | 1000 |
| HURC1-4-01 | 6.4 | 6.9 | 15.7 | 7.6 | 2.4 | 1 | 1000 |
| DHURC-2-01 | 3.2 | 10.4 | 16.8 | 4.3 | 1.6 | 2 | 1000 |
| DHURC-3-01 | 4.8 | 12.2 | 20.1 | 6.1 | 1.6 | 2 | 1000 |
| DHURC-4-01 | 6.4 | 14.0 | 23.9 | 7.6 | 1.6 | 2 | 1000 |

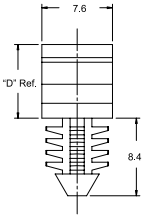
**HURCBH**

## Routing Clips Blind Hole Mount

**Natural UL94 V2 Nylon 6/6, RMS-01**

REF.





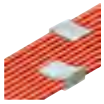

| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | "A" | "B" | "C" Holding Ø | "D" | Panel Hole Ø | Panel Thickness | |
| HURCBH-3-01 | 6.1 | 14.2 | 4.8 | 6.1 | 6.35 ± .076 | 6.35 Min. | 1000 |
| HURCBH-4-01 | 6.9 | 15.7 | 6.4 | 7.6 | 6.35 ± .076 | 6.35 Min. | 1000 |

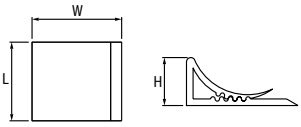
SR 1789

## Adhesive Ribbon Cable Clip

**Grey PVC**

- Designed to clamp ribbon cable
- Backed with high-quality adhesive tape






Grey PVC

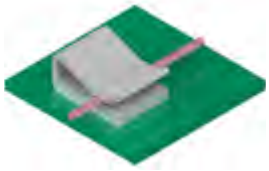
| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L | W | H | |
| 460293 | 15 | 24 | 9 | 100 |
| 460294 | 20 | 24 | 9 | 100 |
| 460296 | 28 | 24 | 9 | 100 |

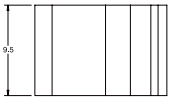
SWC

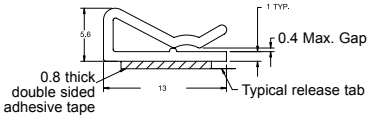
## Single Wire Clip on Adhesive Base

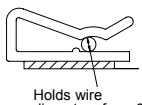
**White, UL94 V0 PPE/PS, RMS-05; Adhesive back, RMS-15 Color**

| Part Number | Std Pack Qty |
|---|---|
| SWC-0 | 1000 |





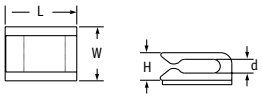

SR 1788

## Self-Adhesive Cable Clips

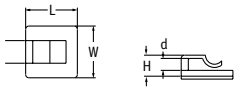
**Natural Nylon 6.6**

- Strong adhesion for quick and easy installation
- Ideal for lightweight wire bundles
- Flammability rating UL94 V2

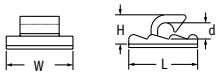




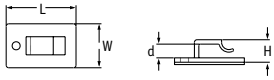

Type 1




Type 3




Type 2




Type 4

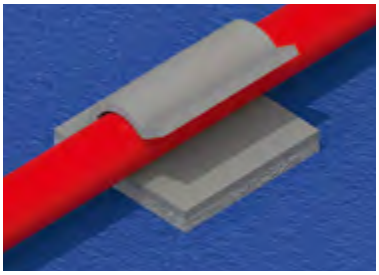
| Part Number | Max Cable Dia (mm) d | Type | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | L | W | $w_1$ | $l_1$ | H | |
| 460300 | 2.8 | 1 | 13.0 | 9.5 | - | - | 5.2 | 100 |
| 460302 | 3.7 | 3 | 16.0 | 16.0 | - | - | 8.7 | 100 |
| 460303* | 5.5 | 4 | 27.0 | 17.0 | - | - | 8.7 | 100 |
| 460304 | 5.8 | 1 | 16.0 | 15.8 | - | - | 9.0 | 100 |

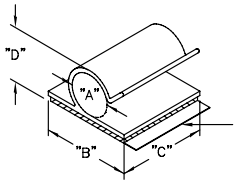
* All sizes fit 4.8mm panel hole.

KKC

## C Style Clamp on Adhesive Base

**Grey PVC, RMS-04**
**Adhesive Base Back - 1.6mm thick, RMS-15**






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Holding Capacity "A" | "B" ± 0.4 | "C" ± 0.5 | "D" At Max Capacity Ref. | |
| KKC-2-RT | 3.2 | 19.1 | 19.1 | 7.9 | 500 |
| KKC-3-RT | 4.8 | 19.1 | 19.1 | 8.4 | 500 |
| KKC-4-RT | 6.4 | 19.1 | 19.1 | 10.7 | 500 |
| KKC-5-RT | 7.9 | 19.1 | 19.1 | 12.2 | 500 |
| KKC-6-RT | 9.5 | 19.1 | 19.1 | 15.2 | 500 |
| KKC-8-RT | 12.7 | 25.4 | 25.4 | 17.5 | 100 |
| KKC-12-RT | 19.1 | 25.4 | 25.4 | 23.9 | 100 |

**WCK/MWCK**

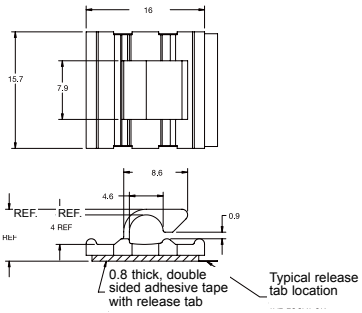
# Wire Cord Klip

**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | Type | Adhesive Material | Std Pack Qty |
|---|---|---|---|
| WCK-180-01A-RT | 1 | RMS-15 | 1000 |
| WCK-180-01A4-RT | 1 | RMS-324 | 1000 |
| WCK-720-01A-RT | 2 | RMS-15 | 1000 |
| WCK-720-01A4-RT | 2 | RMS-324 | 1000 |
| WCK-460-01A-RT | 3 | RMS-15 | 1000 |
| WCK-460-01A4-RT | 3 | RMS-324 | 1000 |
| MWCK-460-01A-RT | 4 | RMS-15 | 1000 |
| MWCK-460-01A4 | 4 | RMS-324 | 1000 |
| WCK-280-01A4-RT | 5 | RMS-324 | 1000 |

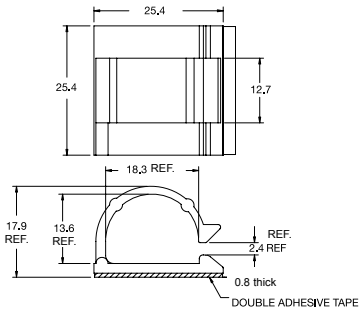
WCK-180

Type 1




WCK-720

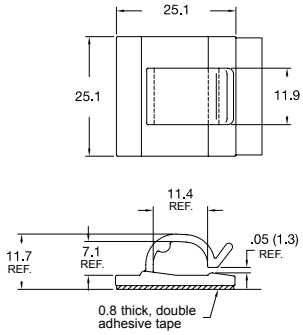
Type 2





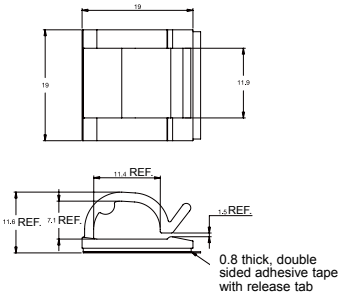

WCK-460

Type 3



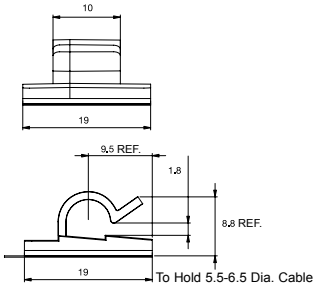

MWCK-460

Type 4




WCK-280

Type 5

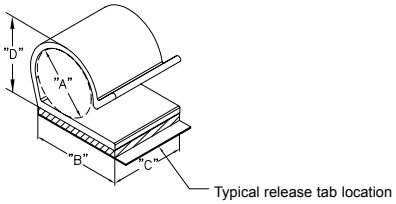



**KKR**

# R Style Clamp on Adhesive Base

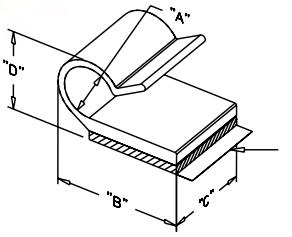
**Grey, PVC, RMS-04**

| Part Number | Dimensions (mm) | | | | Double Sided Adhesive Tape 1.6 | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Holding Capacity "A" | "B" ± 0.5 | "C" ± 0.5 | "D" At Max Capacity Ref. | | |
| KKR-5A1-RT | 13.2 | 19.1 | 15.9 | 17.3 | Rubber, RMS-102 | 500 |







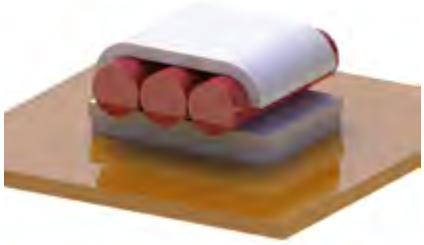

TYPICAL RELEASE TAB LOCATION

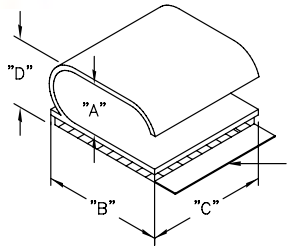
**MKKJ**

## Mini J Style Clamp on Adhesive Base

**Clear, Rigid PVC, RMS-32**
**Adhesive Back, 0.8 thick, RMS-15**

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Holding Capacity "A" | "B" ± 0.4 | "C" ± 0.5 | "D" at Max. Capacity Ref. | |
| MKKJ-2-RT | 3.2 | 11.1 | 9.5 | 6.0 | 1000 |
| MKKJ-3-RT | 4.8 | 15.9 | 11.1 | 8.3 | 1000 |
| MKKJ-4-RT | 6.4 | 16.7 | 12.7 | 10.3 | 1000 |
| MKKJ-5-RT | 7.9 | 20.6 | 14.3 | 12.3 | 1000 |
| MKKJ-6-RT | 9.5 | 22.2 | 15.9 | 14.3 | 1000 |





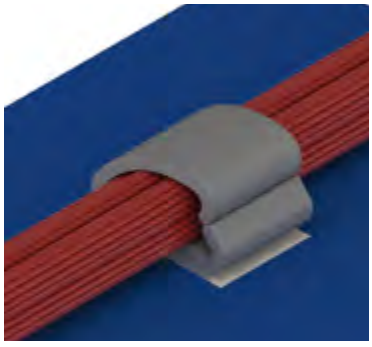

TYPICAL RELEASE TAB LOCATION

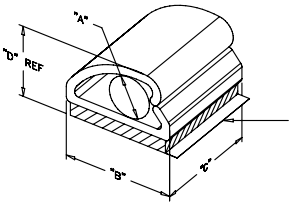
**KKF**

## F Style Clamp on Adhesive Base

**Grey, PVC, RMS-04**
**Adhesive Back, 1.6 thick, RMS-15**

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Holding Capacity "A" | "B" ± 0.8 | "C" ± 0.5 | "D" at Max. Capacity Ref. | |
| KKF-10X4-RT | 14.3 x 5.2 | 19.1 | 19.1 | 9.1 | 100 |






TYPICAL RELEASE TAB LOCATION

**KKD**

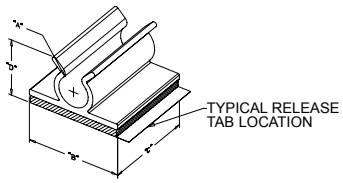
## D Style Clamp on Adhesive Base

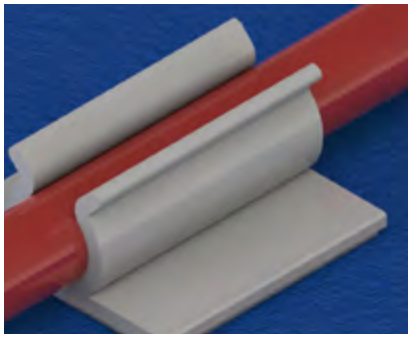
**Grey UL94 V0 PVC, RMS-04**
**Adhesive 1.6 thick**

| Part Number | Dimensions (mm) | | | | Adhesive Material | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Holding Capacity "A" | "B" | "C" | "D" at Max. Capacity Ref. | | |
| KKD-4-RT | 6.4 | 12.7 | 12.7 | 10.2 | RMS-15 | 500 |
| KKD-8-RT | 12.7 | 19.1 | 19.1 | 18.5 | RMS-359 | 100 |
| KKD-12-RT | 19.1 | 28.6 | 25.4 | 25.9 | RMS-359 | 100 |
| KKD-16-RT | 25.4 | 38.1 | 31.8 | 33.0 | RMS-15 | 100 |

## KKU
# U Style Clamp on Adhesive Base
**Grey, Adhesive: 1.6 thick**

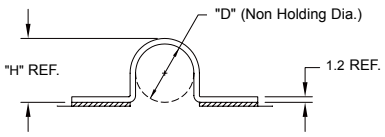
LINE EXTENSION

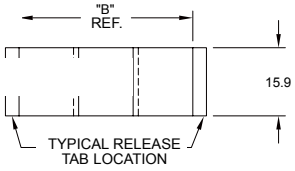


| Part Number | Material | Adhesive | Part Number | Material | Adhesive | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Holding Capacity "A" | "B" | "C" | "D" at Max. Capacity Ref. | |
| KKU-2-RT | PVC,RMS-04 | RMS-15 | KKU-2A4-RT | PVC,RMS-193 | RMS-324 | 3.2 | 19.1 | 19.1 | 7.1 | 500 |
| KKU-4-RT | PVC,RMS-04 | RMS-15 | KKU-4A4-RT | PVC,RMS-448 | RMS-324 | 6.4 | 19.1 | 19.1 | 11.9 | 500 |
| KKU-6-RT | PVC,RMS-04 | RMS-15 | KKU-6A4-RT | PVC,RMS-448 | RMS-324 | 9.5 | 19.1 | 19.1 | 15.1 | 500 |
| KKU-8-RT | PVC,RMS-04 | RMS-15 | KKU-8A4-RT | PVC,RMS-448 | RMS-324 | 12.7 | 25.4 | 25.4 | 17.5 | 100 |
| KKU-9-RT | PVC,RMS-04 | RMS-15 | KKU-9A5-RT | PVC,RMS-448 | RMS-359 | 14.3 | 25.4 | 25.4 | 19.1 | 100 |
| KKU-12-RT | PVC,RMS-04 | RMS-15 | KKU-12A4-RT | PVC,RMS-448 | RMS-324 | 19.1 | 25.4 | 25.4 | 23.0 | 100 |

## UC
# U-Clip with Adhesive Base

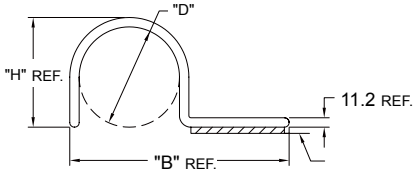


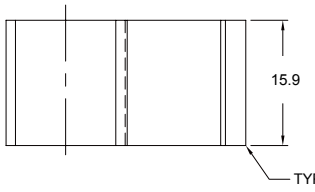






| Part Number | Dimensions (mm) | | | Material | Adhesive | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "D" Bundle Ø | "B" | "H" | | | |
| UC-2-RT | 3.2 | 30.9 | 4.4 | UL94 V0 PVC, RMS-04 | RMS-15 | 1000 |
| UC-4-RT | 6.4 | 34.1 | 7.5 | UL94 V0 PVC, RMS-04 | RMS-15 | 1000 |
| UC-6-RT | 9.5 | 37.3 | 10.7 | UL94 V0 PVC, RMS-04 | RMS-15 | 1000 |

## HUC
# Half U-Clip with Adhesive Base
**Black, UL94 V0 PVC, RMS-04**
**Adhesive Back 0.8 thick, RMS-15**





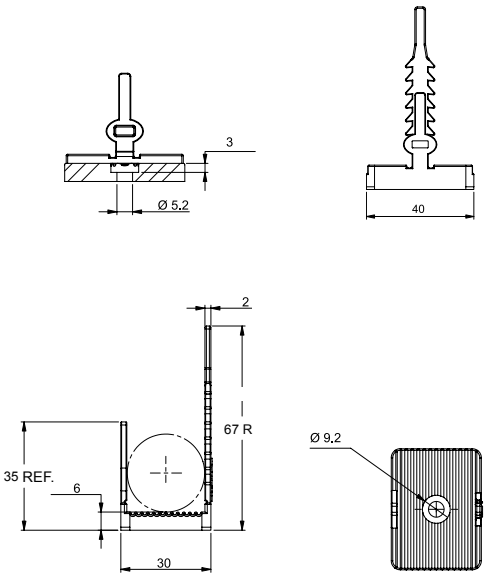

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "D" Bundle Ø | "B" | "H" | |
| HUC-2-RT | 3.2 | 18.3 | 4.4 | 1000 |
| HUC-4-RT | 6.4 | 21.4 | 7.5 | 1000 |
| HUC-6-RT | 9.5 | 24.6 | 10.7 | 1000 |
| HUC-4-RT | 9.5 | 37.3 | 10.7 | 1000 |

UMB

## Universal Mounting Block

**Black, Neoprene Rubber 50 Shore A, RMS-190**
**Double-coated PSA tape 0.2mm thick, RMS-139**





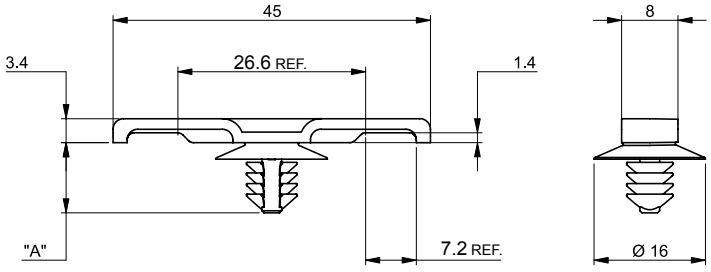

| Part Number | Mounting Method | Max. Cable (mm) Bundle Ø Approx. | Std Pack Qty |
|---|---|---|---|
| UMB-1 | M5 screw or SR-50XX rivet (not supplied) | 20 | 200 |
| UMB-1A-RT | Adhesive | 20 | 200 |

TCHBH

## Tape on Cable Holder

**Natural UL94 V0 Nylon 6/6, RMS-19**



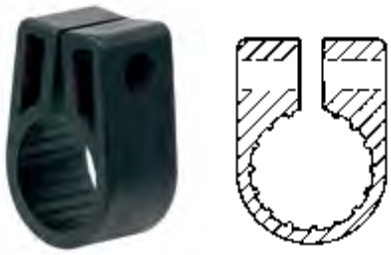



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | Hole Ø / Threaded Hole | Min Panel Thickness | |
| TCHBH1-1-19 | 8.1 | 4.8 | 0.8 | 500 |
| TCHBH2-1-19 | 9.8 | 6.4 | 0.8 | 500 |

SR 1780

## Standard Cleats

**Black LDPE**



| Part Number | Size Number | Cable Size (mm) | Fixing (mm) | Std Pack Qty | Carton Quantity |
|---|---|---|---|---|---|
| 12875 | 3 | 7.6 | 6.0 (1/4") | 100 | 3000 |
| 12876 | 4 | 10.1 | 6.0 (1/4") | 100 | 2500 |
| 12877 | 5 | 12.7 | 6.0 (1/4") | 100 | 2500 |
| 12848 | 6 | 15.2 | 6.0 (1/4") | 100 | 2000 |
| 12878 | 7 | 17.8 | 6.0 (1/4") | 100 | 2000 |
| 12879 | 8 | 20.3 | 6.0 (1/4") | 100 | 1000 |
| 12880 | 9 | 22.8 | 6.0 (1/4") | 100 | 1000 |
| 12881 | 10 | 25.4 | 6.0 (1/4") | 100 | 800 |
| 12092 | 11 | 27.9 | 9.6 (1/4") | 100 | 800 |
| 12882 | 12 | 30.0 | 10.0 (1/4") | 50 | 600 |
| 12883 | 14 | 35.6 | 10.0 (1/4") | 50 | 500 |

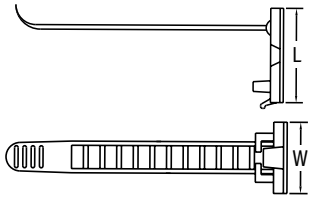
SR 1787

## Adjustable Cable Clamps

**Natural Nylon 6.6**

- Strong adhesion for quick and easy installation
- Flammability rating UL94 V2






| Part Number | Max Cable Diameter (mm) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | L | W | |
| 460297 | 17.0 | 25.0 | 18.0 | 100 |
| 460299 | 26.0 | 30.5 | 21.0 | 100 |

SR 1789

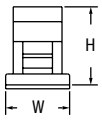
## Adhesive/Screw Fixing Cable Clamps

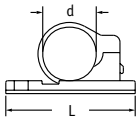
**Black Nylon 6.6**

- Flammability rating UL94 V2
- Adhesive and/or screw fixing (dia 4.4mm)
- Backed with high-quality adhesive tape



Black Nylon 6.6



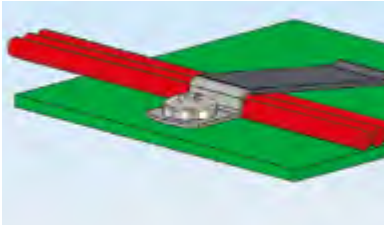

| Part Number | Cable Diameter (mm) d | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | L | W | H | |
| 460287 | 6.0 | 25.8 | 13.4 | 9.1 | 100 |
| 460288 | 9.0 | 29.4 | 13.4 | 14.0 | 100 |
| 460289 | 12.0 | 35.5 | 16.4 | 16.5 | 100 |
| 460290 | 14.0 | 36.5 | 16.4 | 18.5 | 100 |
| 460291 | 16.0 | 38.5 | 16.4 | 20.5 | 100 |
| 460292 | 18.0 | 42.0 | 16.4 | 22.5 | 100 |

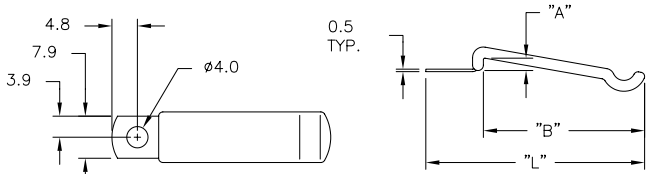
STCV-1

## Vinyl Coated Steel Tension Clamp

**Stainless Steel SAE 30301, RMS-197 Color:Black**
**Coating: Plastic Vinyl, RMS-196,0.79 Nom. Thk.**

- Installed with a #6 or M3 screw or rivet






| Part Number | "L" | "A" | "B" | Std Pack Qty |
|---|---|---|---|---|
| STCV-1 | 40.9 | 2.3 | 30.2 | 1000 |

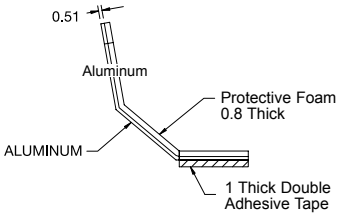
All dimensions in mm

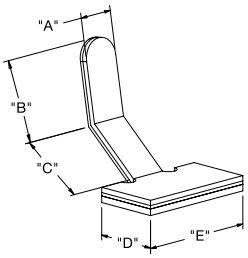
PFC

## Plastic Coated Aluminum Clamp, Foam Coated, Adhesive Base

**Grey Coated, Aluminum, RMS-194; Protective Foam, RMS-314; Adhesive Back, RMS-93**





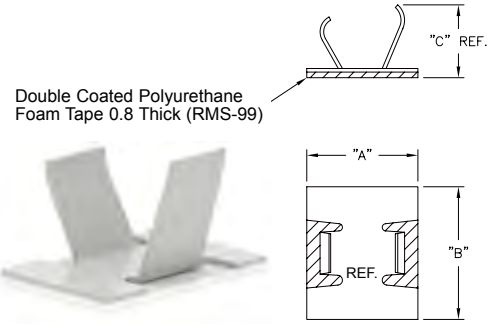




| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | "E" | |
| PFC-25M | 4.8 | 12.55 | 11.1 | 10.1 | 19.1 | 1000 |
| PFC-50M | 5.2 | 14.55 | 14.1 | 14.05 | 24.95 | 1000 |

ASK

## Aluminum Clamp on Adhesive Base

**Bright Finish, Aluminum, RMS-194**

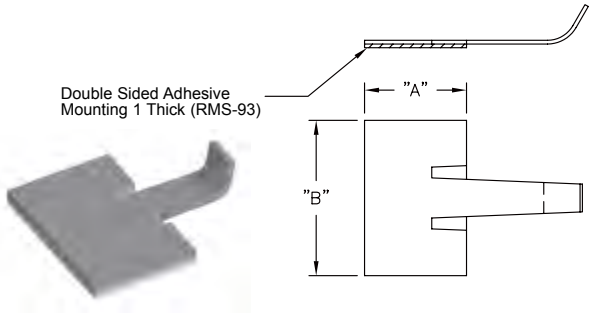



| Part Number | Dimensions (mm) | | | Max. Bundle Ø | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | "C" | | |
| ASK-3 | 11.3 | 16.8 | 9.5 | 6.0 | 250 |
| ASK-6 | 15.7 | 18.8 | 14.3 | 9.5 | 250 |

RAK

## Aluminum Clamp on Adhesive Base

**Bright Finish, Aluminum, RMS-194**




| Part Number | Dimensions (mm) | | Max. Bundle Ø | Std Pack Qty |
|---|---|---|---|---|
| | "A" | "B" | | |
| RAK-1 | 11.3 | 17.1 | 6.0 | 250 |
| RAK-2 | 16.3 | 19.3 | 9.5 | 250 |

VCC

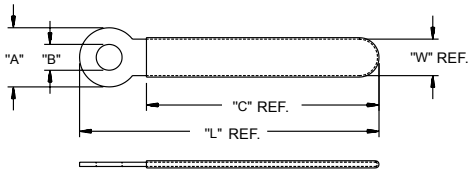
## Adjustable Steel Clamp with Vinyl Coating

**Body: Soft Steel, RMS-243, 0.5 thick**
**Coating: Soft Black PVC, RMS-118, 0.8 thick**



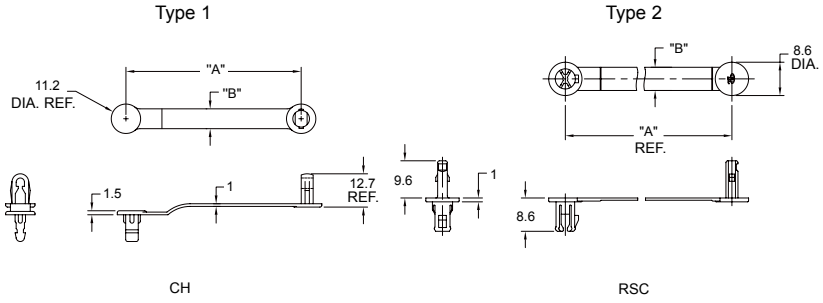
| Part Number | Dimensions (mm) | | | | | Approx. Bundle Ø | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "L" | "C" | "A" | "B" | "W" | | |
| VCC-83028 | 28 | 18 | 8 | 3.0 | 3.0 | 5.7 | 1000 |
| VCC-83535 | 35 | 25 | 8 | 3.5 | 5.0 | 7.9 | 1000 |
| VCC-83540 | 40 | 30 | 8 | 3.5 | 3.0 | 9.5 | 1000 |
| VCC-63048 | 48 | 40 | 6 | 3.0 | 2.0 | 12.7 | 1000 |
| VCC-84554 | 54 | 42 | 8 | 4.5 | 4.8 | 13.3 | 1000 |
| VCC-63254 | 54 | 46 | 6 | 3.2 | 3.6 | 14.6 | 1000 |
| VCC-83664 | 64 | 53 | 8 | 4.1 | 5.0 | 16.9 | 1000 |
| VCC-84576 | 76 | 65 | 8 | 4.5 | 4.5 | 20.7 | 1000 |
| VCC-84584 | 84 | 72 | 8 | 4.5 | 4.5 | 22.9 | 1000 |
| VCC-845126 | 126 | 117 | 8 | 4.5 | 6.0 | 35.6 | 100 |

* Minimum drip allowed at the tip of the part




CH/RSC

## Plug in Cable Hanger



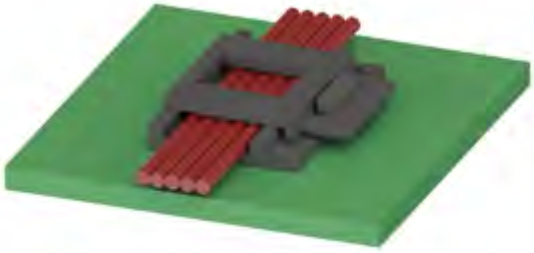


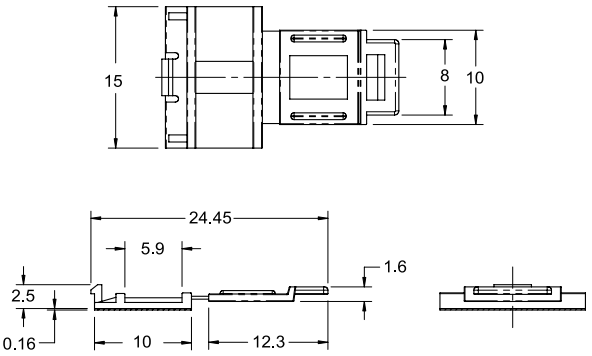

| Part Number | Type | Dimensions (mm) | | | | | Material | Colour | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | Max Holding Ø | Mounting Hole Ø | Panel Thickness | | | |
| CH-1-01 | 1 | 44.5 | 7.5 | 9.5 | 6.4 | 0.8-2.4 | UL94 V2 Nylon 6/6, RMS-01 | Natural | 1000 |
| CH-2-01 | 1 | 66.7 | 7.5 | 15.9 | 6.4 | 0.8-2.4 | UL94 V2 Nylon 6/6, RMS-01 | Natural | 1000 |
| CH-1-01BK | 1 | 44.5 | 7.5 | 9.5 | 6.4 | 0.8-2.4 | UL94 V2 Nylon 6/6, RMS-01 | Black | 1000 |
| CH-2-01BK | 1 | 66.7 | 7.5 | 15.9 | 6.4 | 0.8-2.4 | UL94 V2 Nylon 6/6, RMS-01 | Black | 1000 |
| CH-1-10 | 1 | 44.5 | 7.5 | 9.5 | 6.4 | 0.8-2.4 | UL94 HB Polypropylene, RMS-10 | Natural | 1000 |
| CH-2-10 | 1 | 66.7 | 7.5 | 15.9 | 6.4 | 0.8-2.4 | UL94 HB Polypropylene, RMS-10 | Natural | 1000 |
| CH-1-10BK | 1 | 44.5 | 7.5 | 9.5 | 6.4 | 0.8-2.4 | UL94 HB Polypropylene, RMS-10 | Black | 1000 |
| CH-2-10BK | 1 | 66.7 | 7.5 | 15.9 | 6.4 | 0.8-2.4 | UL94 HB Polypropylene, RMS-10 | Black | 1000 |
| RSC-3-01 | 2 | 28 | 4 | 5.6 | 4.8 | 0.8-3.2 | UL94 V2 Nylon 6/6, RMS-01 | Black | 1000 |
| RSC-4-01 | 2 | 33 | 6 | 6.4 | 4.8 | 0.8-3.2 | UL94 V2 Nylon 6/6, RMS-01 | Black | 1000 |
| RSC-6-01 | 2 | 43 | 6 | 9.5 | 4.8 | 0.8-3.2 | UL94 V2 Nylon 6/6, RMS-01 | Black | 1000 |
| RSC-9-01 | 2 | 63 | 6 | 15.9 | 4.8 | 0.8-3.2 | UL94 V2 Nylon 6/6, RMS-01 | Black | 1000 |

MCC

## Micro Cable Clamp

**Black, UL94 V-2 Nylon 6/6, RMS-01;**
**Adhesive: RMS-414**





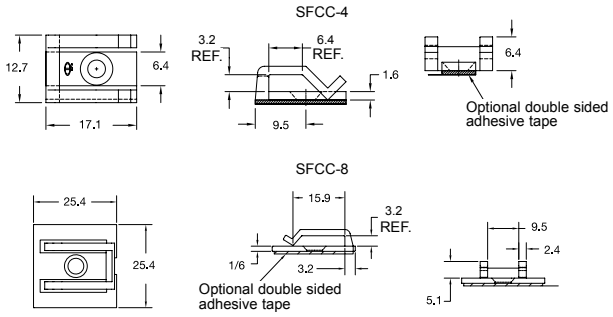

| Part Number | Max Cable Ø (mm) | Std Pack Qty |
|---|---|---|
| MCC-1-01A-BK | 1 | 1000 |

SFCC

## Split Flat Cable Clamp

**Natural, UL94 V2 Nylon 6/6, RMS-01**

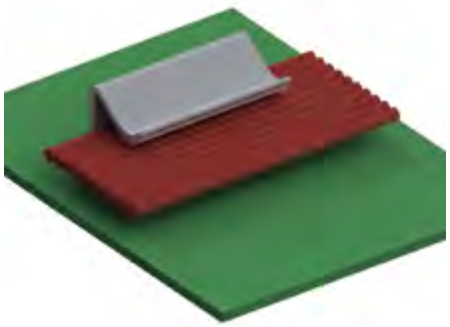


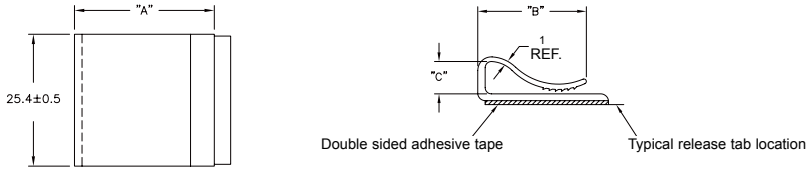



| Part Number | Mounting Method | Std Pack Qty |
|---|---|---|
| SFCC-4-01 | #4 or M2.5 Flat Head Screw 1000 | 1000 |
| SFCC-4-01A-RT | Adhesive, RMS-15 | 1000 |
| SFCC-8-01 | #6 or M3 Flat Head Screw | 1000 |
| SFCC-8-01A-RT | Adhesive, RMS-324 | 1000 |

CFCC

## Flat Cable Clamp on Adhesive Base





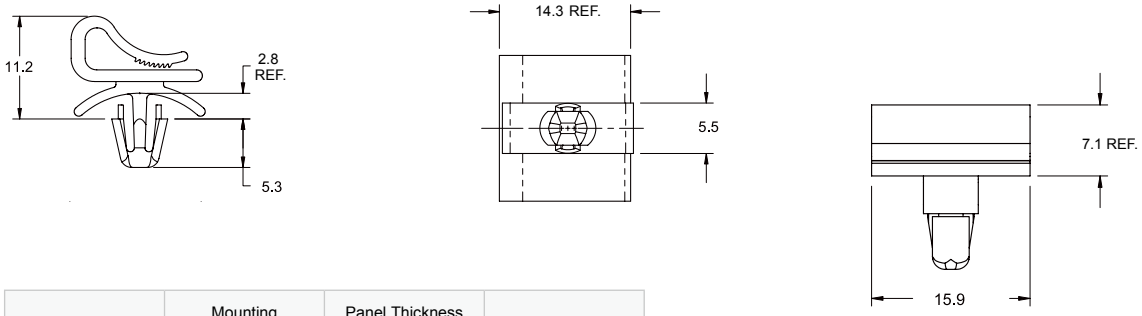

| Part Number | Dimensions (mm) | | | Adhesive Material | Material | Colour | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | | | | |
| CFCC-3-05A-RT | 14.29 | 12.45 | 4.6 | RMS-15 | UL94 V1 PPE/PS, RMS-05 | White | 1000 |
| CFCC-4-05A-RT | 14.29 | 10.67 | 6.4 | RMS-15 | UL94 V1 PPE/PS, RMS-05 | White | 1000 |
| CFCC-8-5A-RT-GY | 26.97 | 22.35 | 6.4 | RMS-04 | UL94 V1 PPE/PS, RMS-05 | White | 1000 |
| CFCC-8-04A4-RT | 26.97 | 22.35 | 6.4 | RMS-04 | UL94 V0 PVC, RMS-04 | Grey | 1000 |

CFCCA

# Flat Cable Clamp

**Natural Nylon 6/6,RMS-01**





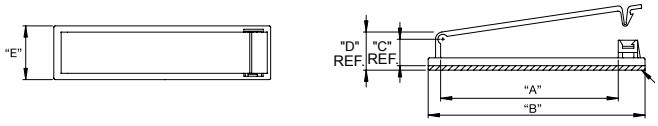

| Part Number | Mounting Hole±0.08 (mm) | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|
| CFCCA-1-01 | 4.75 | 0.79-1.98 | 1000 |

**FCW**

# Cable Clamp on Adhesive Base

**Natural, Double Adhesive Back, RMS-350**





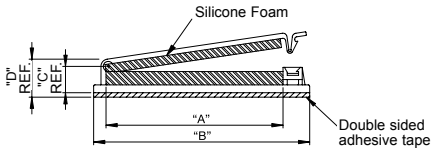

| Part Number | | Max. No. of Conductors | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | "A" | "B" | "C" | "D" | "E" | |
| FCW-29-01 | FCW-29-19 | 30 | 31.5 | 45.1 | 7.7 | 11.1 | 18.9 | 100 |
| FCW-30-01 | FCW-30-19 | 30 | 31.6 | 45.5 | 9.0 | 13.1 | 19.1 | 100 |
| FCW-40-01 | FCW-40-19 | 40 | 39.3 | 53.0 | 9.3 | 13.4 | 19.1 | 100 |
| FCW-50-01 | FCW-50-19 | 50 | 63.2 | 77.2 | 9.1 | 13.2 | 19.1 | 100 |
| FCW-50H-01 | FCW-50H-19 | 50 | 64.6 | 78.2 | 15.0 | 19.0 | 18.9 | 100 |

FCWSF

## Cable Clamp with Adhesive Base, Silicone Foam in Center

**Natural UL94 V0 Nylon 6/6, RMS-19**
**Cushion: Grey Adhesive backed UL94 V0 Silicone Foam, RMS-135**
**Adhesive Base: 1.6 mm thick, RMS-350**





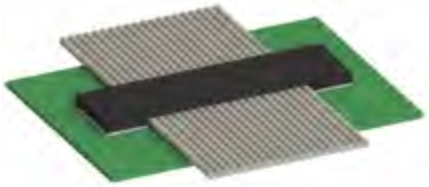

| Part Number | Dimensions (mm) | | | | | Cushion Thickness Latch Side | Cushion Thickness Base Side | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | "E" | | | |
| FCWSF-29-19 | 31.5 | 45.1 | 7.7 | 11.1 | 18.9 | 3.3 | 3.3 | 100 |
| FCWSF-30-19 | 31.6 | 45.5 | 9.0 | 13.1 | 19.1 | 3.3 | 4.8 | 100 |
| FCWSF-40-19 | 39.3 | 53 | 9.3 | 13.4 | 19.1 | 3.3 | 4.8 | 100 |
| FCWSF-50-19 | 63.2 | 77.2 | 9.1 | 13.2 | 19.1 | 3.3 | 4.8 | 100 |

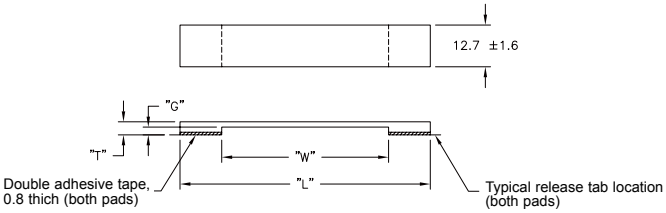
When clamp is closed, slight gap may exist between foam

FCC

## Flat Cable Clamp with Adhesive Base

**Black, UL94 V0 PVC, RMS-04**



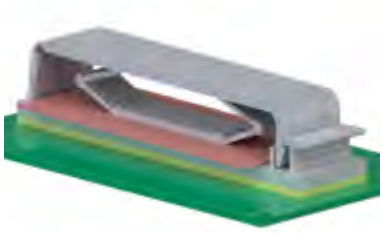


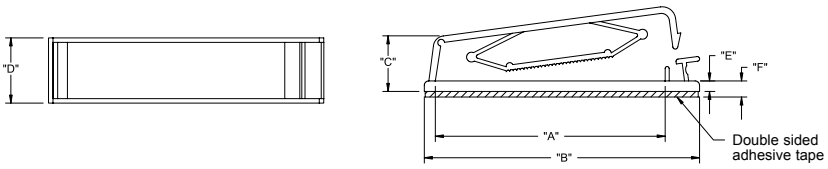

| Part Number | Dimensions (mm) | | | | Adhesive Material | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "L" | "W" | "T" | "G" | | |
| FCC-4-3-RT | 38.1 | 12.7 | 4 | 2.4 | RMS-15 | 100 |
| FCC-8-3-RT | 50.8 | 25.4 | 4 | 2.4 | RMS-15 | 100 |
| FCC-16-3-RT | 76.2 | 50.8 | 4 | 2.4 | RMS-15 | 100 |

TFCC

## Flat Cable Clamp with Tension on Adhesive Base

**Natural**






| Part Number | Dimensions (mm) | | | | | | Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | "E" | "F" | | |
| TFCC-30-01 | 32.0 | 45.0 | 15.8 | 18.6 | 3.0 | 4.6 | UL94 V2 Nylon 6/6, RMS-01; Adhesive back, RMS-92 | 100 |
| TFCC-40-01 | 54.0 | 67.0 | 15.8 | 15.8 | 3.1 | 4.7 | UL94 V2 Nylon 6/6, RMS-01; Adhesive back, RMS-92 | 100 |
| TFCC-50-01 | 65.2 | 78.4 | 15.8 | 18.8 | 3.1 | 4.7 | UL94 V2 Nylon 6/6, RMS-01; Adhesive back, RMS-92 | 100 |

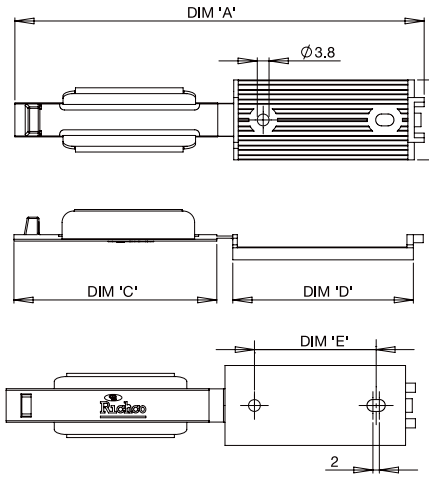
RDAFCC

# Flat Cable Clamps

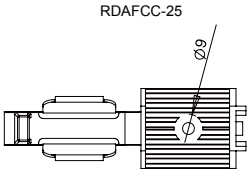
**Grey, UL94 V2 Nylon 6/6, RMS-01;**
**Optional Double Adhesive Back, RMS-324**



RDAFCC-50 and -82




RDAFCC-25

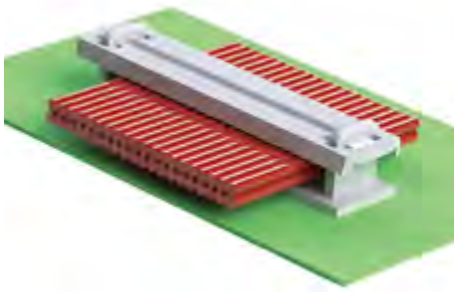



| Part Number | Maximum Cable Width | Recommended Maximum Cable Thickness | Mounting Method | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | | "A" | "B" | "C" | "D" | "E" | |
| RDAFCC-25 | 25.4 | 5 | #6 or M3 Screw | 75.8 | 25.0 | 37.9 | 29.7 | - | 100 |
| RDAFCC-25A | 25.4 | 5 | Adhesive | 75.8 | 25.0 | 37.9 | 29.7 | - | 100 |
| RDAFCC-50 | 50.8 | 5 | #6 or M3 Screw | 128.5 | 25.0 | 63.5 | 56.5 | 38 | 100 |
| RDAFCC-50A | 50.8 | 5 | Adhesive | 128.5 | 25.0 | 63.5 | 56.5 | 38 | 100 |
| RDAFCC-82 | 76.2 | 5 | #6 or M3 Screw | 179.4 | 25.4 | 88.5 | 82.8 | 38 | 100 |
| RDAFCC-82A | 76.2 | 5 | Adhesive | 179.4 | 25.4 | 88.5 | 82.8 | 38 | 100 |

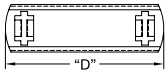
FCRC

# Flat Cable Clamps

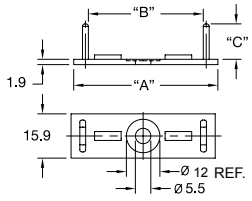
**Natural, UL94 V2 Nylon 6/6, RMS-01 ;**
**0.8 Thick Adhesive Back, RMS-15**



Flat Cable Clamp Base - FCRC




Flat Cable Clamp Cover - FCRC-C



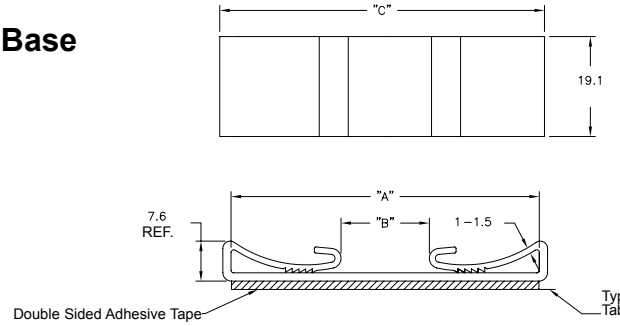

| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| W/Out Adhesive | With Adhesive | "A" | "B" | "C" | Use Cover Part No. | "D" | |
| FCRC-13B-4 | FCRC-13B-4A-RT | 51.7 | 41.2 | 12.7 | FCRC-13C | 56.8 | 100 |
| - | FCRC-19B-4A-RT | 69.1 | 58.7 | 12.7 | FCRC-19C | 74.2 | 100 |
| FCRC-21B-4 | FCRC-21B-4A-RT | 75.7 | 64.8 | 12.7 | FCRC-21C | 80.5 | 100 |
| FCRC-26B-4 | FCRC-26B-4A-RT | 93.0 | 82.3 | 12.7 | FCRC-26C | 98.0 | 100 |
| FCRC-13B-6 | - | 51.7 | 41.2 | 19.1 | FCRC-13C | 56.8 | 100 |
| FCRC-19B-6 | FCRC-19B-6A-RT | 69.1 | 58.7 | 19.1 | FCRC-19C | 74.2 | 100 |
| FCRC-21B-6 | FCRC-21B-6A-RT | 75.7 | 64.8 | 19.1 | FCRC-21C | 80.5 | 100 |
| FCRC-26B-6 | FCRC-26B-6A-RT | 93.0 | 82.3 | 19.1 | FCRC-26C | 98.0 | 100 |

DFCC

## Dual Flat Cable Clamp with Adhesive Base

**Black, UL94 V0 PVC, RMS-04**





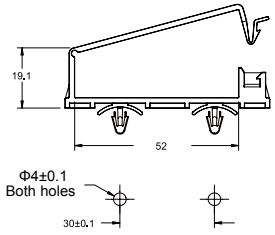

| Part Number | Dimensions (mm) | | | Adhesive Material | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | "C" | | |
| DFCC-2-RT | 58.7 | 16.8 | 61.9 | RMS-15 | 100 |
| DFCC-3-RT | 82.6 | 40.6 | 85.7 | RMS-15 | 100 |

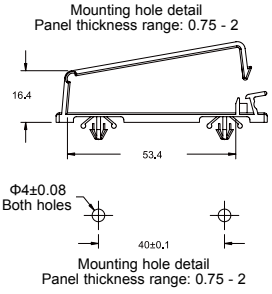
FCCA

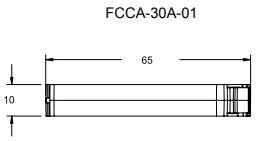
## Flat Cable Clamp Arrowhead Mounted

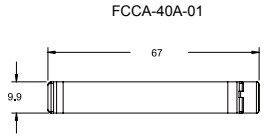
**Natural, Nylon 6/6, RMS-01**





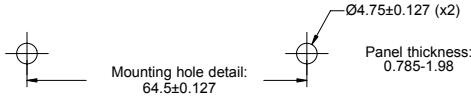

| Part Number | Std Pack Qty |
|---|---|
| FCCA-30A-01 | 100 |
| FCCA-40A-01 | 100 |

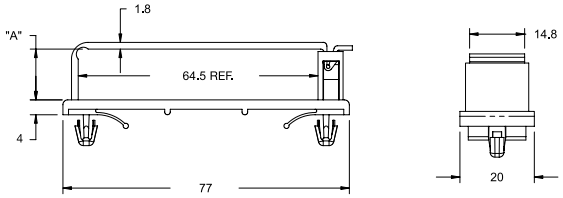
FCCB

## Cable Clamp Arrowhead Mounted

**Natural, UL94 V2 Nylon 6/6, RMS-01**





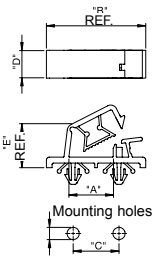



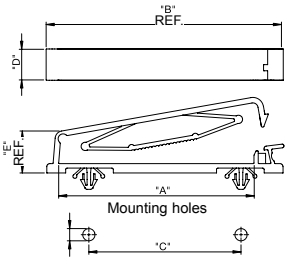

| Part Number | "A" (mm) | Std Pack Qty |
|---|---|---|
| FCCB-1 | 7.2 | 100 |
| FCCB-2 | 13.7 | 100 |

## TFCCA

# Arrowhead Mounted Flat Cable Clamp with Tension

**Natural**



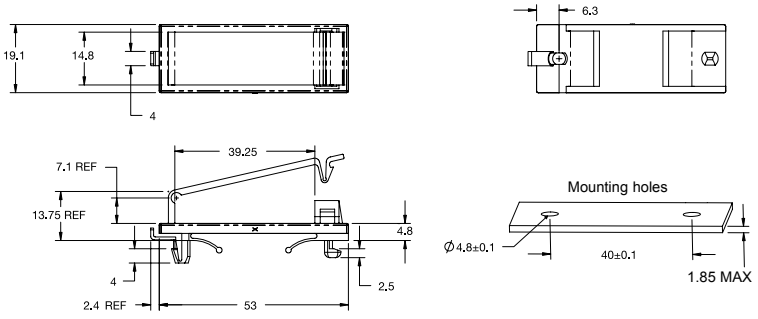



| Part Number | Type | Dimensions (mm) | | | | | Mounting Hole Ø | Panel Thickness | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "D" | "E" | | | |
| TFCCA-15-01 | 1 | 15.5 | 32.5 | 15.0 | 9.1 | 14.1 | 4 | 1 - 2 | 100 |
| TFCCA-25-01 | 2 | 24.7 | 39.3 | 20.0 | 13.2 | 12.7 | 4 | 1 - 2 | 100 |
| TFCCA-40-01 | 2 | 54.1 | 67.0 | 40.0 | 10.0 | 16.3 | 4 | 1 - 2 | 100 |
| TFCCA-50-01 | 2 | 63.8 | 77.2 | 10.2 | 10.2 | 13.7 | 4 | 1 - 2 | 100 |

## FCSE

# Slide Entry Cable Clamp

**Natural UL94 V2 Nylon 6/6, RMS-01**



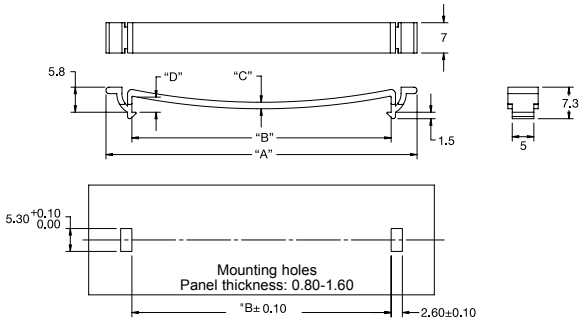



| Part Number | Std Pack Qty |
|---|---|
| FCSE-1 | 100 |

## FCCS

# Snap In Flat Cable Clamp

**Natural Nylon 6/6, RMS-19**





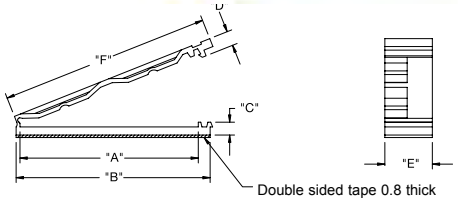

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | |
| FCCS-1 | 27 | 15 | 0.8 | 3.4 | 500 |
| FCCS-2 | 42 | 30 | 1.0 | 3.7 | 500 |
| FCCS-3 | 47 | 35 | 1.0 | 3.7 | 500 |
| FCCS-4 | 57 | 45 | 1.2 | 3.7 | 500 |
| FCCS-5 | 72 | 60 | 1.5 | 3.7 | 500 |

TFCM

## Flat Cable Clamp with Adhesive Base

**Natural Nylon 6/6, RMS-01;**
**Adhesive Back: RMS-92**





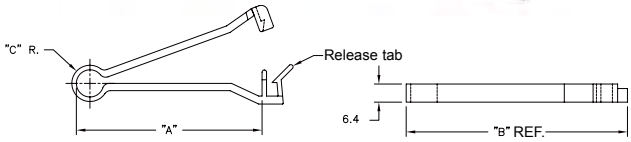

| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | "E" | "F" | |
| TFCM-25S | 22.0 | 27.0 | 3 | 4.7 | 10 | 32 | 200 |
| TFCM-25 | 29.3 | 36.5 | 3 | 4.7 | 10 | 40 | 200 |
| TFCM-25M | 55.8 | 61.2 | 4 | 4.7 | 15 | 66 | 100 |

FCLC/FCLCS

## Flat Cable Loop Clip

**Natural, Nylon 6/6, RMS-01**





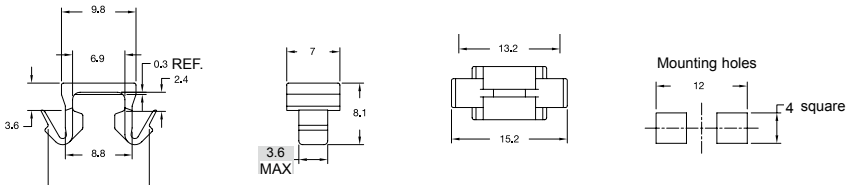

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | "A" Max. Cable Width | "B" | "C" | |
| FCLCS | 38.1 | 50.8 | 5.8 | 500 |

FCCE

## Flat Cable Loop Camp

**Natural, UL94V2 Nylon 6/6, RMS-01**



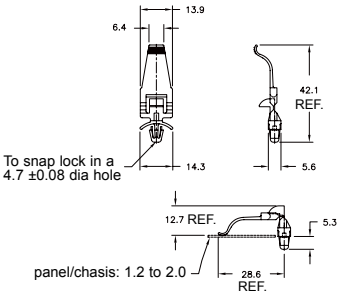



| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Max Cable Width | Panel Thickness | |
| FCCE-9-01 | 6.35 | 1 - 1.2 | 1000 |

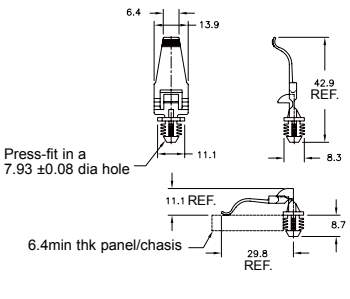
HFCC

## Hinged Cable Clamp - Self Mounting

**Natural, Nylon 6/6 RMS-01**




HFCC-A-8-01




HFCC-BH-8-01

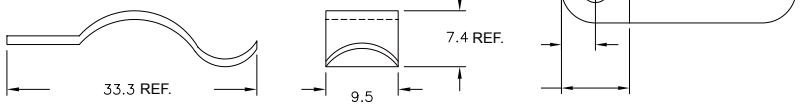


| Part Number | Std Pack Qty |
|---|---|
| HFCC-A-8-01 | 1000 |
| HFCC-BH-8-01 | 1000 |

TC

## Tension Clamp

**Acetal, RMS-14**





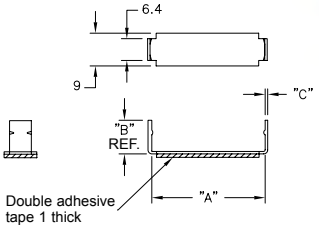

| Part Number | Colour | Max Hold Ø (mm) | Mounting Method | Std Pack Qty |
|---|---|---|---|---|
| TC-30-1 | Natural | 9.5 | M3 or #6 Screw or Rivet Acetal, RMS-14 | 1000 |
| TC-30-1BK | Black | 9.5 | M3 or #6 Screw or Rivet Acetal, RMS-14 | 1000 |

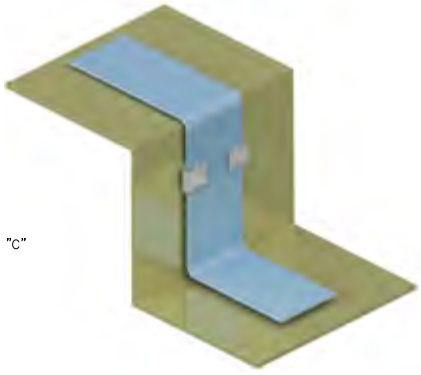
AFCC

## Aluminium Flat Cable Clamp with Adhesive Base

**Bright Finish Aluminum, RMS-194**
**Adhesive Back, RMS-34**

| Part Number | Cable Width | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | "A" | "B" | "C" | |
| AFCC-08 | 12.7 | 6.4 | 0.5 | 250 |
| AFCC-12 | 19.1 | 6.4 | 0.5 | 250 |
| AFCC-16 | 25.4 | 7.9 | 0.5 | 250 |
| AFCC-21 | 33.3 | 9.8 | 0.5 | 250 |
| AFCC-32 | 50.8 | 14.3 | 0.7 | 250 |



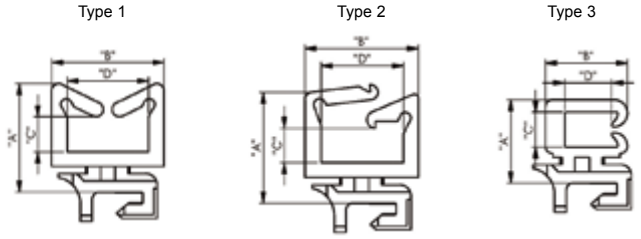



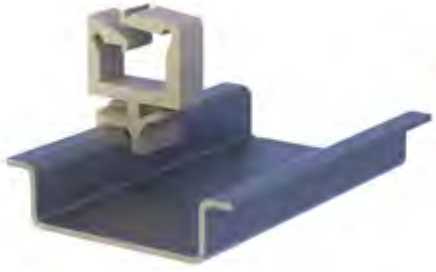
SR 6280

## DIN Rail Mounting Cable Clip

**Natural Nylon 6/6 UL-94 V-2**

- For use in all common DIN rail profiles
- No installation tools required
- Lightweight
- Long term cable management solution
- Can be retrofitted to current installations
- Different cable clip styles



| Part Number | Dimensions (mm) | | | | Type | DIN Rail Style | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | | | |
| DRCC-WS01 | 14.8 | 15.4 | 4.8 | 11.1 | 1 | C-Profile | 1000 |
| DRCC-LWS01 | 15.1 | 15.5 | 3.6 | 11.3 | 2 | C-Profile | 1000 |
| DRCT-WS01 | 14.8 | 15.4 | 4.8 | 11.1 | 1 | Top Hat-Profile | 1000 |
| DRCT-LWS01 | 15.1 | 15.5 | 3.6 | 11.3 | 2 | Top Hat-Profile | 1000 |
| DRCG-WS01 | 14.8 | 15.4 | 4.8 | 11.1 | 1 | G-Profile | 1000 |
| DRCG-LWS01 | 15.1 | 15.5 | 3.6 | 11.3 | 2 | G-Profile | 1000 |
| DRCG-SEC01 | 11.4 | 11.2 | 4.8 | 6.4 | 3 | G-Profile | 1000 |

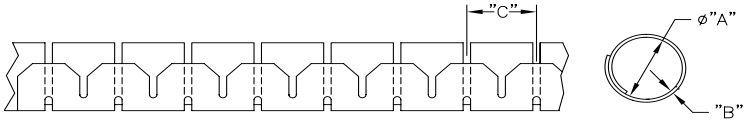
SR 1723

# Rapid Cable Wrap

**Polyethylene**

- Crush resistant
- Tough durable protection for cable looms
- Protects against damage and wear without restricting flexibility
- Easy to install with special tool






| Part Number | Dimensions (mm) | | | | Material | Colour | Installation Tool Part Number | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" | Max Bundle Ø | "B" | "C" | | | | |
| SHR-05-6NB | 5 | 6 | 0.8 | 10.0 | Nylon, RMS-85 | Black | CAT-05-PP | 100m |
| SHR-08-6NB | 8 | 10 | 0.8 | 10.0 | Nylon, RMS-85 | Black | CAT-08-PP | 100m |
| SHR-15-6NB | 15 | 16 | 0.8 | 14.0 | Nylon, RMS-85 | Black | CAT-15-PP | 50m |
| SHR-20-6NB | 20 | 23 | 0.9 | 17.0 | Nylon, RMS-85 | Black | CAT-20-PP | 30m |
| SHR-25-6NB | 25 | 25 | 1.0 | 20.0 | Nylon, RMS-85 | Black | CAT-25-PP | 20m |
| SHR-32-6NB | 32 | 32 | 1.3 | 24.9 | Nylon, RMS-85 | Black | CAT-32-PP | 15m |
| SHR-05-6V0B | 5 | 6 | 0.8 | 10.0 | UL94 V0 Nylon, RMS-95 | Black | CAT-05-PP | 100m |
| SHR-08-6V0B | 8 | 10 | 0.8 | 10.0 | UL94 V0 Nylon, RMS-95 | Black | CAT-08-PP | 100m |
| SHR-15-6V0B | 15 | 16 | 0.8 | 14.0 | UL94 V0 Nylon, RMS-95 | Black | CAT-15-PP | 50m |
| SHR-20-6V0B | 20 | 23 | 0.9 | 17.0 | UL94 V0 Nylon, RMS-95 | Black | CAT-20-PP | 30m |
| SHR-25-6V0B | 25 | 25 | 1.0 | 20.0 | UL94 V0 Nylon, RMS-95 | Black | CAT-25-PP | 20m |
| SHR-32-6V0B | 32 | 32 | 1.3 | 24.9 | UL94 V0 Nylon, RMS-95 | Black | CAT-32-PP | 15m |
| SHR-05-PPB | 5 | 6 | 0.8 | 10.0 | Polypropylene, RMS-94 | Black | CAT-05-PP | 100m |
| SHR-08-PPB | 8 | 10 | 0.8 | 10.0 | Polypropylene, RMS-94 | Black | CAT-08-PP | 100m |
| SHR-15-PPB | 15 | 16 | 0.8 | 14.0 | Polypropylene, RMS-94 | Black | CAT-15-PP | 50m |
| SHR-20-PPB | 20 | 23 | 0.9 | 17.0 | Polypropylene, RMS-94 | Black | CAT-20-PP | 30m |
| SHR-25-PPB | 25 | 25 | 1.0 | 20.0 | Polypropylene, RMS-94 | Black | CAT-25-PP | 20m |
| SHR-32-PPB | 32 | 32 | 1.3 | 24.9 | Polypropylene, RMS-94 | Black | CAT-32-PP | 15m |

## Installation Tool

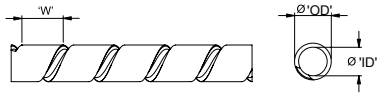
| Part Number | "A" (mm) | "B" Max Bundle Ø (mm) | To Be Used With | Colour | Material | Std Pack Qty |
|---|---|---|---|---|---|---|
| CAT-05-PP-BL | 53 | 6.0 | SHR-05-YYY* | Blue | Polypropylene, RMS-150 | 1 |
| CAT-08-PP | 71 | 9.5 | SHR-08-YYY* | Orange/White | Polypropylene, RMS-268 & Polyacetal, RMS-267 | 1 |
| CAT-15-PP | 81 | 16.0 | SHR-15-YYY* | Orange/White | Polypropylene, RMS-268 & Polyacetal, RMS-267 | 1 |
| CAT-20-PP | 100 | 20.0 | SHR-20-YYY* | Orange/White | Polypropylene, RMS-268 & Polyacetal, RMS-267 | 1 |
| CAT-25-PP | 113 | 24.5 | SHR-25-YYY* | Orange/White | Polypropylene, RMS-268 & Polyacetal, RMS-267 | 1 |
| CAT-32-PP | 144 | 31.0 | SHR-32-YYY* | Orange/White | Polypropylene, RMS-268 & Polyacetal, RMS-267 | 1 |

Tool available in bulk packages of 100/box. To order add -BU to the end of the part no.
* YYY = SHR Material

HW

## Harness Wrap

**Natural/Black PE, RMS-409**





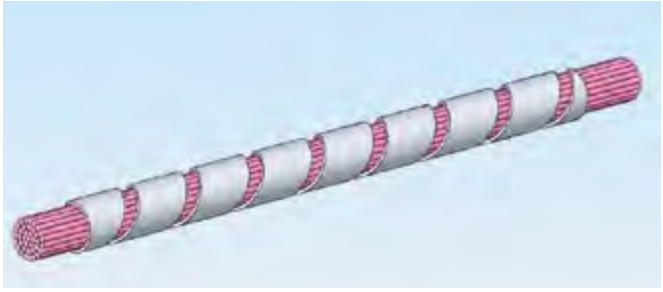

| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Natural | Black | 'OD' Ø | 'ID' Ø | Wall Thickness | Bundle Capacity | 'W' | |
| HW-3.5-5-PE | HW-3.5-5-PE-BK | 3.5 | 2.3 | 0.6 | 2 - 15 | 5 | 50m |
| HW-5-7-PE | HW-5-7-PE-BK | 5.0 | 3.7 | 0.65 | 4 - 20 | 7 | 25m |
| HW-8-10-PE | HW-8-10-PE-BK | 8.0 | 6.5 | 0.75 | 7 - 40 | 10 | 25m |
| HW-10-12-PE | HW-10-12-PE-BK | 10.0 | 8.2 | 0.9 | 12 - 50 | 12 | 25m |
| HW-12-14-PE | HW-12-14-PE-BK | 12.0 | 10.0 | 1.0 | 13 - 70 | 14 | 25m |
| HW-14-16-PE | HW-14-16-PE-BK | 14.0 | 12.0 | 1.0 | 15 - 80 | 16 | 20m |
| HW-20-22-PE | HW-20-22-PE-BK | 20.0 | 17.6 | 1.2 | 20 - 120 | 22 | 25m |
| HW-25-27-PE | HW-25-27-PE-BK | 25.0 | 22.2 | 1.4 | 25 - 150 | 27 | 20m |

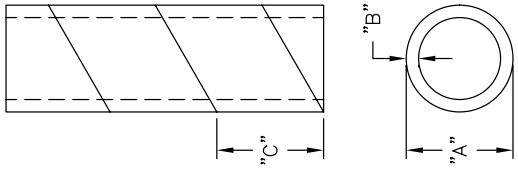
All dimensions apply to extruded tubing before cutting.

HR

## Spiral Wrap

- Free assembly tool (HRT-1) with every 100 foot (30 meter) roll
- HR is RIGHT-handed wrap.LEFT-handed wrap is available by special order.



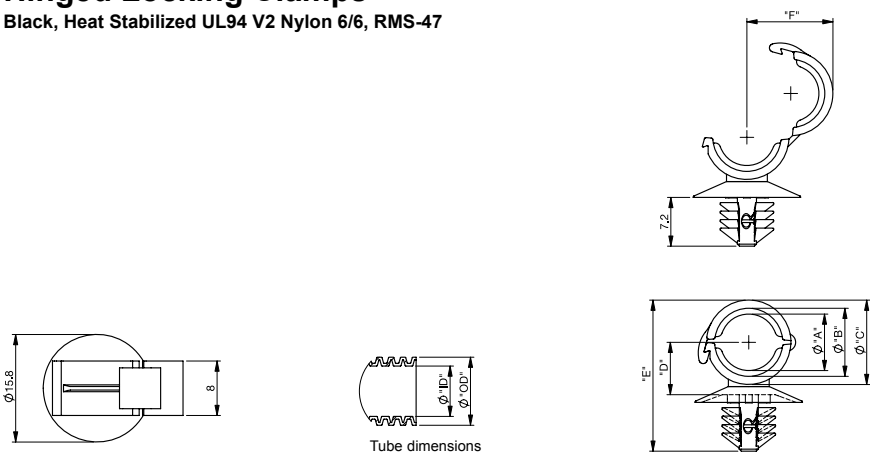



| Part Number | Material/Color | Dimensions (mm) | | | Bundle Range | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "A" REF. | "B" REF. | "C" REF. | | |
| HR2N-1/8 | Nylon (RMS-88) Natural | 3.2 | 0.5 | 4.3 | 1.6 - 12.7 | 30m |
| HR3N-3/16 | Nylon (RMS-88) Natural | 4.8 | 0.5 | 6.4 | 3.2 - 25.4 | 30m |
| HR4N-1/4 | Nylon (RMS-88) Natural | 6.4 | 0.6 | 7.6 | 4.8 - 38.7 | 30m |
| HR6N-3/8 | Nylon (RMS-88) Natural | 9.5 | 0.9 | 9.5 | 7.9 - 50.8 | 30m |
| HR8N-1/2 | Nylon (RMS-88) Natural | 12.7 | 1 | 12.7 | 19.1 - 76.2 | 30m |
| HR3P-3/16 | Polyethylence (RMS-06) Natural | 4.8 | 0.8 | 6.4 | 3.2 - 25.4 | 30m |
| HR4P-1/4 | Polyethylence (RMS-06) Natural | 6.4 | 1.3 | 7.6 | 4.8 - 25.4 | 30m |
| HR6P-3/8 | Polyethylence (RMS-06) Natural | 9.5 | 1.3 | 9.5 | 7.9 - 50.8 | 30m |
| HR8P-1/2 | Polyethylence (RMS-06) Natural | 12.7 | 1.5 | 12.7 | 19.1 - 76.2 | 30m |
| HR4U-1/4 | U.V. Stabilized Polyethylence (RMS-06) Black | 6.4 | 1.3 | 7.6 | 4.8 - 19.1 | 30m |
| HR6U-3/8 | U.V. Stabilized Polyethylence (RMS-06) Black | 9.5 | 1.3 | 9.5 | 7.9 - 50.8 | 30m |
| HR8U-1/2 | U.V. Stabilized Polyethylence (RMS-06) Black | 12.7 | 1.5 | 12.7 | 19.1 - 88.9 | 30m |
| HR4V-1/4 | Polycarbonate(RMS-23) Clear | 6.4 | 0.6 | 7.6 | 4.8 - 25.4 | 30m |

HLCC

# Hinged Locking Clamps

**Black, Heat Stabilized UL94 V2 Nylon 6/6, RMS-47**



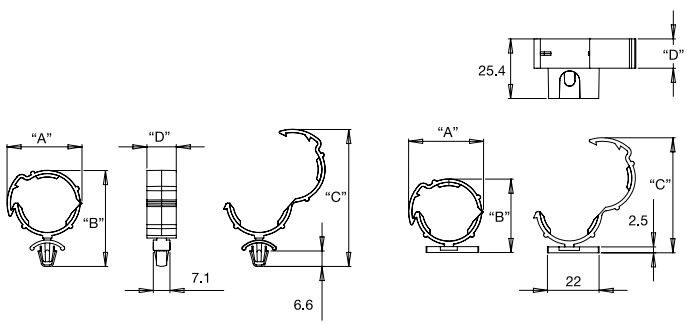



| Part Number | Recommended Corrugated Tube Size | | Panel Hole Ø | Panel Thickness | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | ID | OD | | | "A" | "B" | "C" | "D" | "E" | "F" | |
| HLCC-1BK | 5 | 7.1 | 6.5 - 7.0 | 0.8 - 3 | 5.8 | 7.2 | 9.6 | 6.3 | 19.7 | 9.8 | 1000 |
| HLCC-2BK | 6.9 | 9.9 | 6.5 - 7.0 | 0.8 - 3 | 8.3 | 10 | 12.4 | 7.7 | 22.2 | 12.6 | 1000 |

SHR-C

# SHR Clips

**Black UL94 V2 Nylon 6/6, RMS-01**




Type 1 Type 2 Type 3



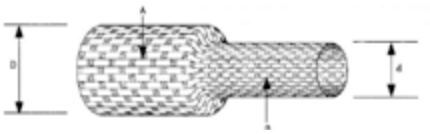
| Part Number | Type | Dimensions (mm) | | | | Accepts SHR Size | Mounting Method | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "D" | | | |
| SHR-C1 | 1 | 29 | 42.5 | 58 | 12.5 | To hold Richco Harness Wrap SHR-20 and SHR-25 sizes | Snap Lock into a 6.4 Hole in a 0.8-2 Panel | 500 |
| SHR-C2 | 2 | 30 | 32.5 | 47 | 12.5 | | #8 or M4 Screw 500 | 500 |
| SHR-C3 | 2 | 30 | 32.5 | 47 | 12.5 | | 0.8 Thick Double Sided Adhesive Tape, RMS-375 | 500 |
| SHR-C4 | 3 | 30 | 40.5 | 56 | 12.5 | | Snap Lock into a 9.5 Square Hole in a 0.8-2 Panel | 500 |

EHSS

## Heat Shrinkable Braided Sleeving

**Black, Polyolefin and Polyester**

- Working temperature: -40ºC~+125ºC
- Shrink temperature: 110ºC~185ºC
- Store temperature: ≤60ºC
- Shrink ratio: 2:1
- Widely used to protect rubber hoses, plastic pipes, wire harnesses from damage
- Provides excellent abrasion resistance and noise reduction
- Suitable for automotive and other industrial fields
- Tool: heat gun, oven





| Part Number | As supplied (D) | After recovery (d) | Packing (L) |
|---|---|---|---|
| 900317 | 10 | 5 | 30 m/spool |
| 900319 | 20 | 10 | 30 m/spool |
| 900320 | 25 | 12.5 | 30 m/spool |
| 900321 | 30 | 15 | 30 m/spool |
| 900322 | 34 | 17 | 30 m/spool |
| 900323 | 40 | 20 | 30 m/spool |
| 900324 | 50 | 25 | 30 m/spool |
| 900325 | 60 | 30 | 30 m/spool |
| 900326 | 70 | 35 | 30 m/spool |

ENM

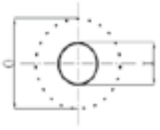
## Nomex Sleeving

**White Nomex Fiber**

- Working temperature: -196ºC ~ +350ºC
- No melting point
- Used for a wide range of applications such as military, aerospace, race car, fire department to protect the cable and wire from the dangers that come with working in and around intense flame and heat
- Cutting tool: scissors
- Resistant to most alkalis and acids

| Part Number | Nominal size (W) | Expandable Range | | Packing (L) |
|---|---|---|---|---|
| | | Min.(I) | Max.(O) | Standard spool |
| 900366 | 6 | 5 | 8 | 30m |
| 900367 | 8 | 6 | 10 | 30m |
| 900368 | 10 | 7 | 13 | 30m |
| 900369 | 12 | 8 | 16 | 30m |
| 900370 | 15 | 10 | 20 | 30m |
| 900371 | 20 | 14 | 26 | 30m |
| 900372 | 25 | 18 | 33 | 30m |
| 900373 | 30 | 20 | 39 | 30m |
| 900374 | 40 | 30 | 52 | 30m |
| 900375 | 50 | 40 | 65 | 30m |







ECAFR

## Aluminium Heat Reflect Fiberglass Sleeving

**Silvery White, Aluminium Foil (Outer Layer), Fiberglass Sleeving (Inner Layer)**

- Melting point: 600+20ºC
- Working temperature: -50ºC ~ +200ºC
- It offers perfect protection for industrial wire, cable, hose, pipes, tubing and equipment that is in close to intense radiant sources such as super-hot metal slabs, liquid and molten metals or glass, open flame or engine exhaust manifolds.

| Part Number | I.D (D) | Flat width (W) | Wall thickness (T) | Max. bundle dia. | Packing (L) |
|---|---|---|---|---|---|
| 900404 | 10 | 19 | 1 | 11 | 30 m/spool |
| 900405 | 16 | 29 | 1 | 17 | 30 m/spool |
| 900406 | 20 | 35 | 1 | 21 | 30 m/spool |
| 900407 | 25 | 43 | 1 | 26 | 30 m/spool |
| 900408 | 30 | 51 | 1 | 31 | 30 m/spool |





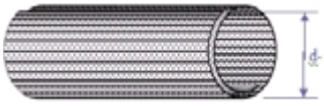
ESCP

## Polyester Self-Closing Wrap

**Black Polyester**

- Working temperature: -50ºC ~+150ºC
- Melting point: 240±10ºC
- Flammability: DIN5510, VW-1
- Overlap: 75%
- Most commonly used in railways and automotive where the wire harness and hoses need high flame retardant, heat dispersion and durable protection
- Cutting tool: Hot Knife

| Part Number | I.D.(d) | Max. bundle Dia | Packing (L) |
|---|---|---|---|
| 900412 | 5 | 6 | 30m/roll |
| 900413 | 8 | 9 | 30m/roll |
| 900414 | 13 | 14 | 30m/roll |
| 900415 | 19 | 20 | 15m/roll |
| 900416 | 25 | 26 | 15m/roll |
| 900417 | 38 | 40 | 15m/roll |





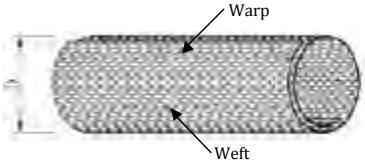
ESCS

## Self-closing Braided Wrap

**Black, Polyester**

- Working temperature: -50ºC ~ +150ºC
- Melting point: 240±10ºC
- Flammability: DIN5510, BS6853
- Most commonly used on wire harnesses, cable assemblies, flat ribbon cables, tubes and hoses to provide a tough, durable protection in automotive, automatic equipment, railways and panel boards.
- Cutting tool: Hot Knife

| Part Number | Size (D) | Max. bundle Dia | Packing (L) |
|---|---|---|---|
| 900418 | 5 | 6 | 30m |
| 900419 | 8 | 9 | 30m |
| 900420 | 10 | 11 | 30m |
| 900421 | 13 | 14 | 30m |
| 900422 | 16 | 17 | 30m |
| 900423 | 19 | 20 | 30m |
| 900424 | 25 | 27 | 30m |
| 900425 | 38 | 40 | 15m |





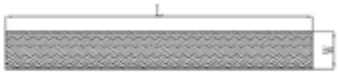

EPA

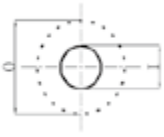
## Nylon Expandable Sleeving

**Black and Grey Polyamide 6.6**

- Working temperature: -60ºC ~ +160ºC
- Melting point: 256±5ºC
- Most commonly used to protect wire harnesses, cable assemblies, air conditioned pipes, fluid pipes in automotive, aerospace and military applications.
- Cutting tool: Hot Knife

| Part Number | Nominal Size (W) | | Expandable Range | | Packing (L) Standard spool |
|---|---|---|---|---|---|
| | Inch | mm | Min (I) | Max.(O) | |
| 900426 | 1/8" | 3 | 1 | 6 | 60m |
| 900427 | 1/4" | 6 | 3 | 9 | 60m |
| 900428 | 5/16" | 8 | 5 | 14 | 30m |
| 900429 | 3/8" | 10 | 7 | 17 | 30m |
| 900430 | 1/2" | 12 | 8 | 24 | 30m |
| 900431 | 5/8" | 16 | 10 | 27 | 30m |
| 900432 | 3/4" | 19 | 14 | 30 | 15m |
| 900433 | 1" | 25 | 18 | 35 | 15m |
| 900434 | 1 1/4" | 32 | 20 | 50 | 15m |
| 900435 | 1 1/2" | 38 | 30 | 60 | 15m |
| 900436 | 1 3/4" | 45 | 35 | 75 | 15m |







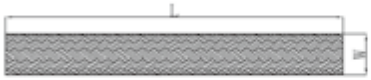
EPPS

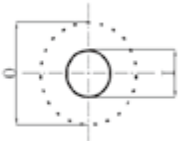
## PPS Expandable Sleeving

**Black, Natural PPS**

- Working temperature: -70ºC ~ +200ºC
- Melting point: 285±10ºC
- Flammability: UL94 V-0
- It is mainly used in automotive, railways, aerospace, telecom and military where high characteristics for flame-retardancy and high temperature resistance are required
- Cutting tool: Hot Knife
- Acids, solvents and fuels resistant

| Part Number | Nominal Size (W) | | Expandable Range | | Packing (L) Standard spool |
|---|---|---|---|---|---|
| | Inch | mm | Min (I) | Max.(O) | |
| 900437 | 1/8" | 3 | 1 | 6 | 60m |
| 900438 | 1/4" | 6 | 3 | 9 | 60m |
| 900439 | 5/16" | 8 | 5 | 14 | 30m |
| 900440 | 3/8" | 10 | 7 | 17 | 30m |
| 900441 | 1/2" | 12 | 8 | 24 | 30m |
| 900442 | 5/8" | 16 | 10 | 27 | 30m |
| 900443 | 3/4" | 19 | 14 | 30 | 15m |
| 900444 | 1" | 25 | 18 | 35 | 15m |
| 900445 | 1 1/4" | 32 | 20 | 50 | 15m |
| 900446 | 1 1/2" | 38 | 30 | 60 | 15m |







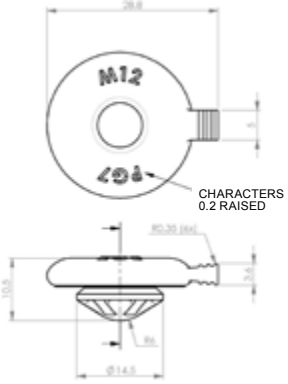
SR 6275

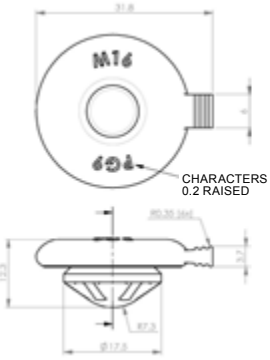
# Push In Cable Blanking Plug

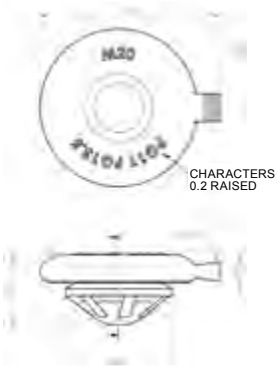
**Silicone Rubber**

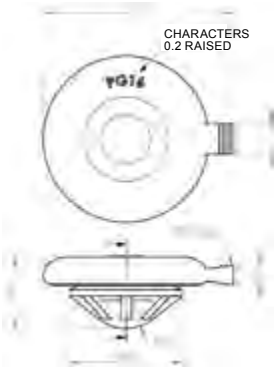
- Protective cover for cable gland mounting holes
- Can be pushed into place on the end of a tool
- Range of panel depths
- Fits standard Metric and PG sizes
- Pull tab for easy release
- Complies with IP67

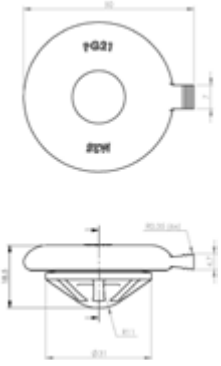


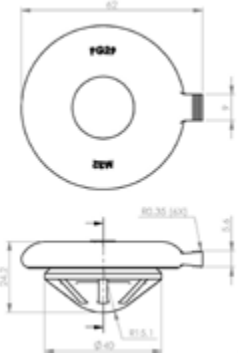




| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Hole Diameter | Panel Thickness Range | Cable Gland Sizes Metric/PG | |
| 551846 | 12.2 -12.5 | 1- 2 | M12 / PG7 | 100 |
| 551847 | 15.4 -16.2 | 1- 2 | M16 / PG9 | 100 |
| 551848 | 18.8 -20.7 | 1- 2 | M20 / PG11 + PG13.5 | 100 |
| 551849 | 22.8 | 1- 2 | PG16 | 100 |
| 551850 | 25.2 -28.6 | 1- 2 | M25 / PG21 | 100 |
| 551851 | 32.2 -35.4 | 1- 2 | M32 | 100 |

SR1700/1701

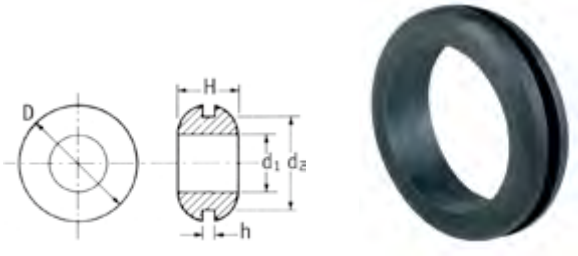
# Standard Grommets - Imperial

**SR 1700 Black PVC**

- Protects wires and cables passing through panels

**SR 1701 Black Thermoplastic Rubber**

- Resistant to most oils and greases
- Withstands temperatures from -40°C to +135°C




| Part Number | | Mounting | Panel Hole | Dimensions (mm) | | | Std Pack |
|---|---|---|---|---|---|---|---|
| PVC | TPR | Hole (mm) | Thickness (mm) | d1 | D | H | Qty |
| 11177 | 15057 | 4.8 | 0.8 | 2.8 | 8.0 | 4.8 | 10000 |
| 11026 | 15058 | 4.8 | 1.6 | 3.2 | 8.0 | 6.4 | 10000 |
| 15515 | - | 6.0 | 1.2 | 3.2 | 8.8 | 4.0 | 10000 |
| 10629* | 15060 | 6.4 | 0.8 | 4.0 | 9.5 | 4.0 | 10000 |
| 11333 | 15059 | 6.4 | 1.6 | 4.0 | 9.5 | 6.3 | 10000 |
| 10280 | 15061 | 6.4 | 1.6 | 4.8 | 9.5 | 7.0 | 10000 |
| 12603 | 15061 | 6.4 | 1.6 | 4.8 | 9.5 | 7.0 | 10000 |
| 11402 | 15062 | 6.4 | 3.0 | 4.0 | 9.5 | 8.0 | 10000 |
| 498069 | | 7.0 | 1.5 | 4.8 | 11.1 | 6.4 | 10000 |
| 10518 | - | 9.5 | 1.6 | 4.8 | 12.5 | 6.8 | 10000 |
| 15501 | - | 7.9 | 1.2 | 5.6 | 11.1 | 6.4 | 10000 |
| 10117 | - | 7.9 | 3.0 | 3.0 | 11.0 | 8.0 | 10000 |
| - | 15064 | 8.0 | 0.8 | 4.8 | 11.0 | 4.8 | 10000 |
| 11105 | - | 8.0 | 0.8 | 5.5 | 11.0 | 5.5 | 10000 |
| 10597* | - | 8.0 | 1.6 | 5.5 | 11.0 | 5.5 | 10000 |
| - | 15065 | 8.0 | 1.6 | 5.5 | 11.0 | 5.5 | 10000 |
| 10489 | - | 8.0 | 0.8 | 4.8 | 11.0 | 4.8 | 10000 |
| 11318 | 15072 | 9.5 | 1.2 | 7.0 | 13.8 | 4.0 | 10000 |
| - | 15067 | 9.5 | 1.6 | 4.8 | 12.5 | 6.8 | 10000 |
| 10885* | 15069 | 9.5 | 1.6 | 6.4 | 14.2 | 6.4 | 10000 |
| 11178 | - | 9.5 | 1.6 | 6.4 | 14.2 | 7.0 | 10000 |
| 11303 | - | 9.5 | 1.6 | 6.4 | 14.2 | 5.0 | 10000 |
| 10428 | 15073 | 9.5 | 1.6 | 8.0 | 14.2 | 4.8 | 10000 |
| 11107 | 15074 | 9.5 | 1.6 | 8.0 | 14.2 | 8.0 | 10000 |
| 15505 | - | 9.5 | 2.4 | 5.6 | 11.1 | 4.0 | 10000 |
| - | 15068 | 9.5 | 2.4 | 6.4 | 14.2 | 7.0 | 10000 |
| 15523 | - | 9.6 | 3.2 | 4.0 | 15.9 | 6.4 | 10000 |
| 11272 | 15071 | 10.2 | 1.2 | 7.0 | 13.8 | 4.5 | 10000 |
| 40045 | - | 10.3 | 1.6 | 7.2 | 14.3 | 4.0 | 10000 |
| 1347529 | - | 10.3 | 1.6 | 7.9 | 15.9 | 7.9 | 10000 |
| 11146 | 15075 | 11.0 | 1.6 | 8.0 | 14.2 | 4.8 | 10000 |
| 11151 | 15076 | 11.0 | 1.6 | 8.0 | 14.2 | 8.0 | 10000 |
| 10744 | 15078 | 11.0 | 1.6 | 8.0 | 16.0 | 6.4 | 10000 |
| 15524 | - | 11.9 | 1.6 | 6.4 | 15.9 | 7.9 | 5000 |
| 15506 | - | 11.9 | 2.0 | 9.6 | 17.5 | 6.8 | 5000 |
| 10605 | 15079 | 12.5 | 1.6 | 6.4 | 16.0 | 8.0 | 10000 |
| 10646 | 15080 | 12.5 | 1.6 | 8.0 | 16.0 | 6.4 | 10000 |
| 10644 | 15084 | 12.5 | 1.6 | 9.5 | 17.0 | 7.0 | 10000 |
| 11019 | - | 12.5 | 1.6 | 9.5 | 19.0 | 6.4 | 5000 |
| 10881 | 15086 | 12.5 | 1.6 | 11.0 | 19.0 | 6.4 | 5000 |
| 10770 | 15081 | 12.5 | 3.0 | 8.0 | 16.0 | 8.0 | 10000 |
| 10911 | 15083 | 12.5 | 3.0 | 9.5 | 17.0 | 8.8 | 10000 |

| Part Number | | Mounting | Panel Hole | Dimensions (mm) | | | Std Pack |
|---|---|---|---|---|---|---|---|
| PVC | TPR | Hole (mm) | Thickness (mm) | d1 | D | H | Qty |
| 15508 | - | 13.5 | 3.2 | 9.6 | 19.0 | 9.6 | 5000 |
| 40042 | - | 13.5 | 4.0 | 9.6 | 23.0 | 8.8 | 5000 |
| 10592 | - | 14.2 | 1.6 | 9.5 | 19.0 | 6.4 | 5000 |
| 10281 | 15087 | 14.2 | 1.6 | 11.0 | 19.0 | 6.4 | 5000 |
| 1347531** | - | 15.9 | 1.2 | 12.7 | 20.6 | 5.0 | 10000 |
| 10738 | 15089 | 16.0 | 1.2 | 12.5 | 20.5 | 7.0 | 5000 |
| 10512 | - | 17.5 | 1.6 | 14.2 | 22.0 | 4.8 | 10000 |
| 15500 | - | 19.0 | 1.6 | 12.0 | 25.4 | 7.9 | 2000 |
| 11029 | 15096 | 19.0 | 1.6 | 12.5 | 25.5 | 6.4 | 2500 |
| 11326 | - | 19.0 | 1.6 | 16.0 | 22.0 | 5.5 | 10000 |
| 10293 | 15093 | 19.0 | 1.6 | 16.0 | 24.0 | 6.0 | 7000 |
| 10215 | - | 19.0 | 1.6 | 17.5 | 24.0 | 4.8 | 10000 |
| 40047 | - | 19.0 | 4.8 | 11.1 | 25.4 | 9.5 | 8000 |
| 11181 | - | 20.0 | 1.6 | 12.5 | 25.5 | 6.4 | 2500 |
| 30007 | 15095 | 20.0 | 1.6 | 16.0 | 24.0 | 6.5 | 7000 |
| 11025 | - | 20.5 | 1.2 | 16.0 | 27.0 | 8.0 | 4000 |
| - | 15098 | 20.5 | 1.2 | 16.0 | 27.0 | 8.0 | 10000 |
| 11213 | - | 25.2 | 1.2 | 18.5 | 31.4 | 7.5 | 2000 |
| 10487 | 15099 | 25.2 | 1.6 | 18.5 | 31.4 | 8.0 | 2000 |
| 10419 | - | 25.2 | 1.6 | 22.0 | 30.0 | 8.0 | 4000 |
| - | 15101 | 25.5 | 1.6 | 22.0 | 30.0 | 8.0 | 10000 |
| 15514** | - | 30.6 | 3.2 | 25.4 | 44.4 | 9.9 | 1000 |
| 11214 | 15102 | 31.0 | 1.6 | 24.9 | 38.0 | 7.8 | 2000 |
| 11208 | - | 32.0 | 0.8 | 25.5 | 44.5 | 6.4 | 1000 |
| 10446 | 15105 | 37.0 | 1.6 | 31.2 | 45.5 | 9.5 | 1000 |
| 10261 | 15104 | 38.0 | 3.0 | 32.0 | 46.0 | 11.0 | 1000 |
| 11072 | 15106 | 50.0 | 1.6 | 45.0 | 60.0 | 10.0 | 500 |

* Grade VX321 Shore A 43
** Curved internal shoulders

## TPE

| Part Number | Mounting | Panel Hole | Dimensions (mm) | | | Std Pack |
|---|---|---|---|---|---|---|
| UL94 HB TPE | Hole (mm) | Thickness (mm) | d1 | D | H | Qty |
| HG-2 | 4.8 | 1.6 | 3.2 | 8.0 | 6.4 | 1000 |
| HG-2.5 | 6.4 | 1.6 | 4.0 | 9.5 | 6.3 | 1000 |
| HG-3 | 7.7 | 0.8 | 4.8 | 10.9 | 4.8 | 1000 |
| HG-3.5 | 8.0 | 1.6 | 5.5 | 11.0 | 5.5 | 1000 |
| HG-4 | 9.5 | 2.4 | 6.4 | 14.2 | 7.0 | 1000 |
| HG-5 | 10.9 | 1.6 | 8.0 | 14.3 | 4.8 | 1000 |
| HG-17 | 11.0 | 2.0 | 8.0 | 16.0 | 7.0 | 1000 |
| HG-6 | 12.5 | 1.6 | 9.5 | 17.0 | 7.0 | 1000 |
| HG-8 | 16.8 | 1.6 | 12.6 | 21.5 | 6.4 | 1000 |
| HG-9 | 17.1 | 1.6 | 14.2 | 22.2 | 4.8 | 1000 |
| HG-11 | 18.7 | 1.6 | 17.1 | 23.7 | 4.8 | 1000 |
| HG-10 | 18.8 | 1.6 | 15.5 | 22.2 | 5.6 | 1000 |
| HG-18 | 19.0 | 2.4 | 12.7 | 24.0 | 7.1 | 1000 |
| HG-12 | 24.8 | 1.6 | 18.6 | 31.3 | 8.0 | 1000 |
| HG-14 | 25.1 | 1.6 | 21.8 | 30.2 | 8.0 | 1000 |
| HG-16 | 31.5 | 1.6 | 24.6 | 38.1 | 8.0 | 1000 |

HG has V0 product supply, add -V0 at the end of the number

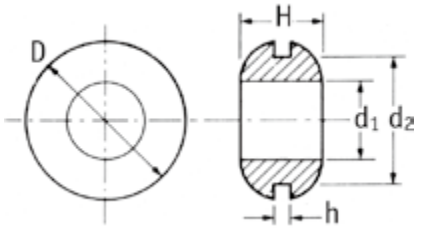
SR 1700/SR 1713

# Standard Grommets - Metric

**SR 1700 Black PVC / SR 1713 Black EPDM**

- Protect wires and cables passing through panels
- EPDM - heat resistant material for use in extreme temperature environments –40˚C to 125˚C






| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| PVC | EPDM | Mounting Hole (d2) | Panel Hole Thickness | d1 | D | H | |
| 498021 | 498062 | 5.0 | 1.0 | 2.0 | 8.0 | 4.0 | 1000 |
| 498022 | 498063 | 5.0 | 1.5 | 2.0 | 8.0 | 4.5 | 1000 |
| 498023 | 498064 | 5.0 | 2.0 | 2.0 | 8.0 | 5.0 | 1000 |
| 498024 | 498065 | 5.0 | 1.0 | 3.0 | 8.0 | 4.0 | 1000 |
| 498025 | 498066 | 5.0 | 1.5 | 3.0 | 8.0 | 4.5 | 1000 |
| 498026 | 498067 | 5.0 | 2.0 | 3.0 | 8.0 | 5.0 | 1000 |
| 498027 | 498068 | 7.0 | 1.5 | 3.0 | 10.0 | 6.0 | 500 |
| 498028 | 498070 | 8.0 | 1.0 | 4.0 | 11.0 | 8.0 | 500 |
| 498029 | 498071 | 8.0 | 2.0 | 4.0 | 11.0 | 6.0 | 500 |
| 498030 | 498072 | 8.0 | 3.0 | 4.0 | 11.0 | 7.0 | 500 |
| 498031 | 498073 | 8.0 | 1.0 | 6.0 | 11.0 | 5.0 | 500 |
| 498032 | 498074 | 8.0 | 2.0 | 6.0 | 11.0 | 6.0 | 500 |
| - | 498075 | 9.0 | 1.0 | 6.0 | 12.0 | 5.0 | 500 |
| - | 498076 | 9.0 | 1.5 | 6.0 | 12.0 | 5.5 | 500 |
| - | 498077 | 9.0 | 2.0 | 6.0 | 12.0 | 6.0 | 500 |
| - | 498078 | 9.0 | 3.0 | 6.0 | 12.0 | 7.0 | 500 |
| - | 498079 | 9.0 | 4.0 | 6.0 | 12.0 | 8.0 | 500 |
| 498033 | 498080 | 10.0 | 1.0 | 6.0 | 14.0 | 6.0 | 500 |
| 498034 | 498081 | 10.0 | 1.5 | 6.0 | 14.0 | 6.5 | 500 |
| 498035 | 498082 | 10.0 | 2.0 | 6.0 | 14.0 | 7.0 | 500 |
| 498036 | 498083 | 10.0 | 3.0 | 6.0 | 14.0 | 8.0 | 500 |
| 498037 | 498084 | 10.0 | 1.0 | 8.0 | 14.0 | 6.0 | 500 |
| 498038 | 498085 | 10.0 | 1.5 | 8.0 | 14.0 | 6.5 | 500 |
| 498039 | 498086 | 10.0 | 2.0 | 8.0 | 14.0 | 7.0 | 500 |
| 498040 | 498087 | 10.0 | 3.0 | 8.0 | 14.0 | 8.0 | 500 |
| - | 498088 | 11.0 | 1.0 | 8.0 | 16.0 | 6.0 | 250 |
| - | 498089 | 11.0 | 2.0 | 8.0 | 16.0 | 7.0 | 250 |
| - | 498090 | 11.0 | 3.0 | 8.0 | 16.0 | 8.0 | 250 |
| - | 498091 | 11.0 | 4.0 | 8.0 | 16.0 | 9.0 | 250 |
| 498041 | 498092 | 12.0 | 1.0 | 8.0 | 16.0 | 6.0 | 250 |
| 498042 | 498093 | 12.0 | 2.0 | 8.0 | 16.0 | 7.0 | 250 |
| 498043 | 498094 | 12.0 | 3.0 | 8.0 | 16.0 | 8.0 | 250 |
| 498044 | 498095 | 12.0 | 4.0 | 8.0 | 16.0 | 9.0 | 250 |

| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| PVC | EPDM | Mounting Hole (d2) | Panel Hole Thickness | d1 | D | H | |
| 498045 | 498096 | 12.0 | 1.0 | 10.0 | 16.0 | 6.0 | 250 |
| 498046 | 498097 | 12.0 | 1.5 | 10.0 | 16.0 | 6.5 | 250 |
| 498047 | 498098 | 12.0 | 2.0 | 10.0 | 16.0 | 7.0 | 250 |
| 498048 | 498099 | 12.0 | 3.0 | 10.0 | 16.0 | 8.0 | 250 |
| - | 498100 | 14.0 | 1.0 | 11.0 | 18.0 | 6.0 | 250 |
| - | 498101 | 14.0 | 2.0 | 11.0 | 18.0 | 7.0 | 250 |
| - | 498102 | 14.0 | 3.0 | 11.0 | 18.0 | 8.0 | 250 |
| 498049 | 498103 | 15.0 | 1.0 | 11.0 | 20.0 | 6.0 | 250 |
| 498050 | 498104 | 15.0 | 2.0 | 11.0 | 20.0 | 7.0 | 250 |
| 498051 | 498105 | 15.0 | 3.0 | 11.0 | 20.0 | 8.0 | 250 |
| 498052 | 498106 | 15.0 | 4.0 | 11.0 | 20.0 | 9.0 | 250 |
| 498053 | 498107 | 18.0 | 1.0 | 12.0 | 22.0 | 6.0 | 250 |
| 498054 | 498108 | 18.0 | 2.0 | 12.0 | 22.0 | 7.0 | 250 |
| 498055 | 498109 | 18.0 | 3.0 | 12.0 | 22.0 | 8.0 | 250 |
| 498056 | 498110 | 18.0 | 4.0 | 12.0 | 22.0 | 9.0 | 250 |
| 498057 | 498111 | 22.0 | 1.0 | 16.0 | 27.0 | 7.0 | 100 |
| 498058 | 498112 | 22.0 | 1.5 | 16.0 | 27.0 | 7.5 | 100 |
| 498059 | 498113 | 22.0 | 2.0 | 16.0 | 27.0 | 8.0 | 100 |
| 498060 | 498114 | 22.0 | 3.0 | 16.0 | 27.0 | 9.0 | 100 |
| 498061 | 498115 | 22.0 | 4.0 | 16.0 | 27.0 | 10.0 | 100 |
| - | 498116 | 27.0 | 1.0 | 21.0 | 34.0 | 9.0 | 50 |
| - | 498117 | 27.0 | 2.0 | 21.0 | 34.0 | 10.0 | 50 |
| - | 498118 | 27.0 | 3.0 | 21.0 | 34.0 | 11.0 | 50 |
| - | 498119 | 27.0 | 4.0 | 21.0 | 34.0 | 12.0 | 50 |
| - | 498120 | 40.0 | 1.0 | 31.0 | 48.0 | 12.0 | 25 |
| - | 498121 | 40.0 | 2.0 | 31.0 | 48.0 | 13.0 | 25 |
| - | 498122 | 40.0 | 3.0 | 31.0 | 48.0 | 14.0 | 25 |
| - | 498123 | 40.0 | 4.0 | 31.0 | 48.0 | 15.0 | 25 |
| - | 498124 | 52.0 | 1.0 | 41.0 | 60.0 | 13.0 | 10 |
| - | 498125 | 52.0 | 2.0 | 41.0 | 60.0 | 14.0 | 10 |
| - | 498126 | 52.0 | 3.0 | 41.0 | 60.0 | 15.0 | 10 |
| - | 498127 | 52.0 | 4.0 | 41.0 | 60.0 | 16.0 | 10 |

SR 1702

## Quick-Fit Grommets

**Black PVC/TPE, RMS-262/Silicone Rubber, RMS-368**

• Snap neatly and quickly into position




PVC

| Part Number | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Panel Thickness h (mm) | | | | | |
| 1.5mm | 2.0mm | 3.0mm | d1 | d2 | |
| 16200 | 16210 | 16220 | 6.0 | 10.0 | 5000 |
| 16201 | 16211 | 16221 | 7.0 | 11.0 | 10000 |
| 16202 | 16212 | 16222 | 8.0 | 12.0 | 10000 |
| 16203 | 16213 | 16223 | 10.0 | 14.0 | 10000 |
| 16204 | 16214 | 16224 | 12.0 | 16.0 | 10000 |
| 16205 | 16215 | 16225 | 14.0 | 18.0 | 10000 |
| 16206 | 16216 | 16226 | 16.0 | 20.0 | 4000 |
| 16207 | 16217 | 16227 | 18.0 | 22.0 | 4000 |
| 16208 | 16218 | 16228 | 22.0 | 26.0 | 4000 |
| 16209 | 16219 | 16229 | 24.0 | 28.0 | 2000 |

TPE/Silicone

| Part Number | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Panel Thickness h (mm) | | | | | |
| 1.5mm | 3.0mm | 3.0mm | d1 | d2 | |
| TPE | TPE | Silicone | | | |
| QFG-16200 | QFG-16220 | - | 6.0 | 10.0 | 1000 |
| QFG-16201 | - | - | 7.0 | 11.0 | 1000 |
| - | QFG-16222 | - | 8.0 | 12.0 | 1000 |
| QFG-16203 | - | - | 10.0 | 14.0 | 1000 |
| QFG-16204 | QFG-16224 | - | 12.0 | 16.0 | 1000 |
| - | - | QFG-1 | 13.0 | 18.5~20.0 | 1000 |
| QFG-16207 | - | - | 18.0 | 22.0 | 1000 |
| - | - | QFG-2 | 18.0 | 25.0~26.0 | 1000 |
| - | QFG-16228 | - | 22.0 | 26.0 | 1000 |

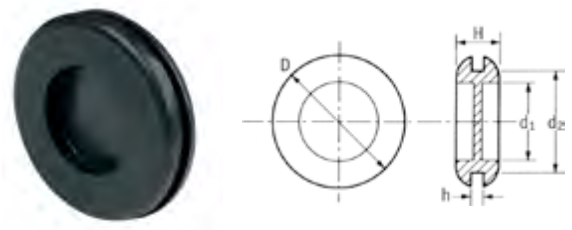
*The product with a thickness of 1.5 has a total height of 8.0, and a product with a thickness of 3.0 has a total height of 9.5. The QFG-1 has an overall height of 11.4 and the QFG-2 has an overall height of 10.4.

SR 1705

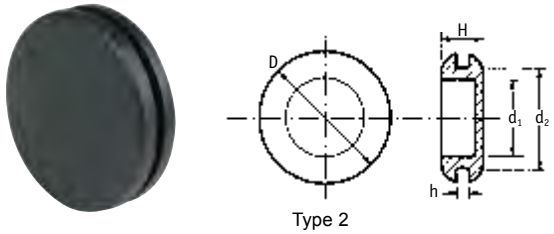
## Diaphragm Grommets

**Black PVC/TPE, RMS-262**

• Thin central film can be pierced to allow a range of different-sized wires to pass through




Type 1




Type 2

| Part Number | Type | Material | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | D | $d_1$ | $d_2$ | h | H | |
| 19426 | 1 | PVC | 19.0 | 11.0 | 16.0 | 1.5 | 5.8 | 5000 |
| 19427 | 1 | PVC | 22.0 | 12.5 | 16.0 | 2.4 | 8.0 | 5000 |
| 19428 | 1 | PVC | 25.5 | 15.5 | 19.0 | 1.6 | 8.0 | 2500 |
| 15512 | 1 | PVC | 25.4 | 15.9 | 19.0 | 2.0 | 7.9 | 2500 |
| 10134 | 1 | PVC | 25.5 | 15.5 | 19.0 | 2.4 | 8.8 | 2500 |
| 19429 | 1 | PVC | 25.5 | 15.5 | 19.0 | 3.2 | 9.6 | 2500 |
| 10187 | 1 | PVC | 25.5 | 15.5 | 20.0 | 1.6 | 8.0 | 2500 |
| 10806 | 1 | PVC | 36.5 | 19.0 | 25.5 | 2.4 | 8.4 | 2000 |
| 19430 | 1 | PVC | 39.0 | 25.5 | 32.0 | 2.4 | 8.0 | 1000 |
| 19431 | 1 | PVC | 39.0 | 25.5 | 32.0 | 4.0 | 9.5 | 1000 |
| 19432 | 2 | PVC | 12.7 | 6.4 | 9.9 | 1.6 | 6.7 | 10000 |
| 19433 | 2 | PVC | 15.7 | 9.5 | 12.5 | 1.5 | 6.4 | 10000 |
| 19434 | 2 | PVC | 17.5 | 8.0 | 11.0 | 1.6 | 8.0 | 10000 |
| 19435 | 2 | PVC | 19.0 | 11.0 | 16.0 | 1.6 | 8.0 | 5000 |
| 19436 | 2 | PVC | 25.5 | 18.8 | 22.0 | 1.6 | 8.0 | 4000 |
| 19437 | 2 | PVC | 25.5 | 16.0 | 19.0 | 1.5 | 7.0 | 4000 |
| 19438 | 2 | PVC | 25.5 | 16.0 | 20.0 | 1.5 | 7.0 | 4000 |
| 19439 | 2 | PVC | 30.0 | 20.5 | 25.5 | 1.5 | 8.0 | 2000 |
| 19442 | 2 | TPE | 49.0 | 31.0 | 42.0 | 2.4 | 10.1 | 1000 |
| DGB-2.5 | 2 | TPE | 9.4 | 4.1 | 6.4 | 0.8 | 3.6 | 1000 |
| DGB-4 | 2 | TPE | 12.7 | 6.4 | 9.9 | 1.5 | 6.6 | 1000 |
| DGB-5 | 2 | TPE | 15.7 | 9.5 | 12.5 | 1.5 | 6.4 | 1000 |
| DGB-6 | 2 | TPE | 17.5 | 8.0 | 11.0 | 1.5 | 8.0 | 1000 |
| DGB-7 | 2 | TPE | 19.0 | 11.0 | 16.0 | 1.5 | 8.0 | 1000 |
| DGB-10 | 2 | TPE | 25.5 | 18.4 | 22.0 | 1.5 | 8.0 | 1000 |
| DGB-11 | 2 | TPE | 25.5 | 16.0 | 16.0 | 1.5 | 7.0 | 1000 |
| DGB-13 | 2 | TPE | 30.0 | 20.5 | 25.5 | 1.5 | 8.0 | 1000 |

SR 1703

# Grommets IP67

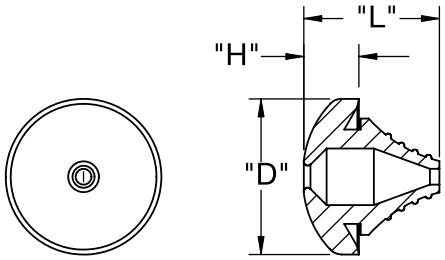
**Grey EPDM**

- Provide dust and watertight seal
- Suitable for external applications
- Act as a blanking plug until cable is installed
- Withstand vibration
- Quick and easy to install:

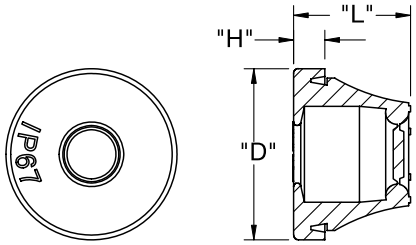
1. Press into hole
2. Puncture diaphragm by inserting wire
3. Gently pull cable back to secure



Type 1




Type 2




| Part Number | Type | Color | Mounting Hole (mm) | | Panel Hole Thickness (mm) | Cable Size (mm) | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | "D"ø REF. | "L" REF. | "H" REF. | |
| 464121 | 2 | Grey | PG-7 | 12.5 | 0.5 - 2.0 | 3.5 - 5.0 | 20.0 | 17.0 | 6.0 | 1000 |
| 464122 | 2 | Grey | PG-29 | 38.0 | 1.0 - 4.0 | 20.0 - 26.0 | 46.0 | 30.0 | 8.0 | 250 |
| 464123 | 2 | Grey | PG-36 | 48.0 | 1.0 - 4.0 | 26.0 - 35.0 | 57.0 | 35.0 | 10.0 | 250 |
| 464124 | 2 | Grey | M16 | 16.5 | 1.0 - 4.0 | 5.0 - 9.0 | 21.0 | 19.0 | 6.0 | 1000 |
| 464125 | 2 | Grey | M20 | 20.5 | 1.0 - 4.0 | 7.0 - 13.0 | 25.5 | 20.0 | 6.0 | 1000 |
| 464126 | 2 | Grey | M25 | 25.5 | 1.5 - 4.0 | 10.0 - 17.0 | 31.0 | 22.0 | 6.5 | 1000 |
| 464127 | 2 | Grey | M32 | 32.5 | 1.0 - 4.0 | 14.0 - 20.0 | 39.0 | 25.0 | 7.0 | 500 |
| 464128 | 2 | Grey | M40 | 40.5 | 1.5 - 4.0 | 19.0 - 26.0 | 48.0 | 30.0 | 8.0 | 250 |
| 464129 | 2 | Grey | M50 | 50.5 | 1.0 - 4.0 | 26.0 - 34.0 | 59.0 | 35.0 | 10.0 | 250 |

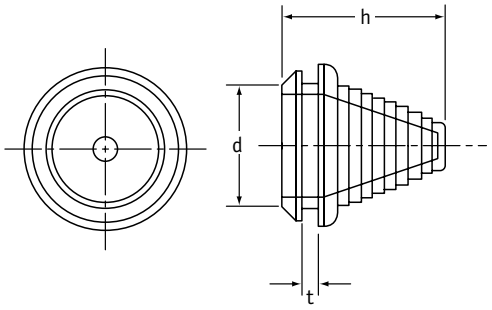
| Part Number | Type | Color | Mounting Hole (mm) | Panel Hole Thickness (mm) | Cable Size (mm) | "D"ø REF. | "L"REF. | "H"REF. | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| 1342663 | 1 | Black | 12.5 | 0.5-2 | 3-5 | 20 | 17.5 | 7.1 | 1000 |
| LTG-1 | 2 | Grey | 12.7 | 0.5-2 | 3-5 | 20 | 12.8 | 6.8 | 1000 |
| LTG-39897 | 2 | Grey | 16 | 1-4 | 5-7 | 21 | 18.5 | 6.2 | 1000 |
| LTG-34715 | 2 | Grey | 19 | 1-4 | 7-10 | 24 | 19 | 6 | 1000 |
| LTG-34716 | 2 | Grey | 23 | 1-4 | 10-14 | 28 | 22.2 | 6.1 | 500 |
| LTG-43021 | 2 | Grey | 29 | 1-4 | 14-20 | 33.8 | 24.4 | 6.1 | 250 |
| LTG-2 | 2 | Grey | 38 | 1-4 | 20-24 | 46 | 29 | 6.5 | 100 |
| LTG-3 | 2 | Grey | 48 | 1-4 | 25-32 | 57.5 | 32 | 8 | 100 |

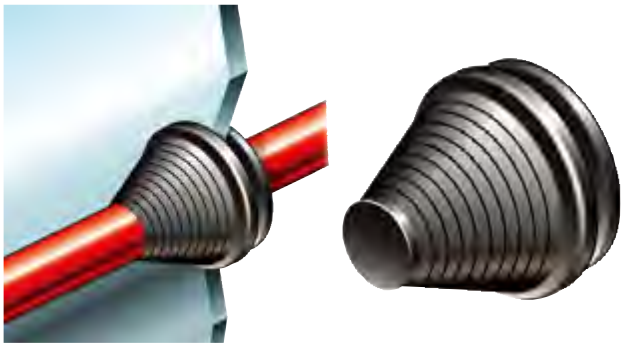
SR 1709

## Stepped Grommets

**Black PVC**

- Stepped sleeve can be cut to requirements
- Suit a range of cable diameters
- Protect cables passing through panels
- Act as blanking plug until cut  SR 1709



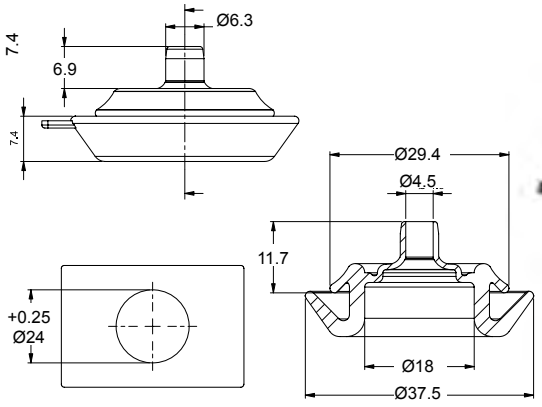
| Part Number | Dimensions (mm) | | | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| | d | t | h | | |
| 1251347 | 12.7 | 3 | 32.5 | 5-9 | 1000 |
| 1251348 | 21.0 | 3 | 27.5 | 5-17 | 1000 |
| 1251349 | 26.0 | 3 | 29.5 | 10-22 | 1000 |

AHG

## Angular Hole Grommet

**Black EPDM, 60Shore, RMS-420**

- Max Angle 45°



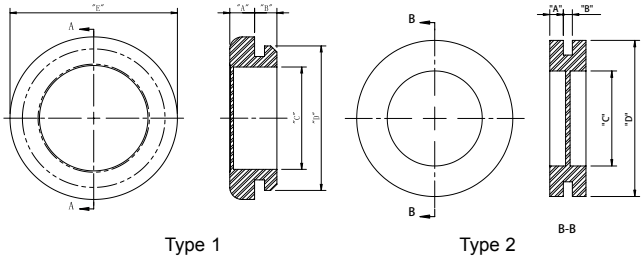



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Ø Cabel Size | Panel Hole Thickness | Mounting Hole | |
| AHG-1 | 5-7 | 1 - 2.5 | 24 | 500 |

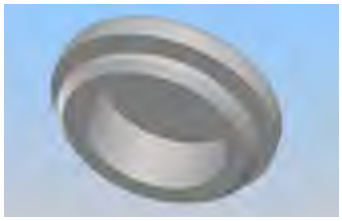
RHP

## Round Hole Plug

**Black Silicone,55 Shore,RMS-417**




Type 1 Type 2

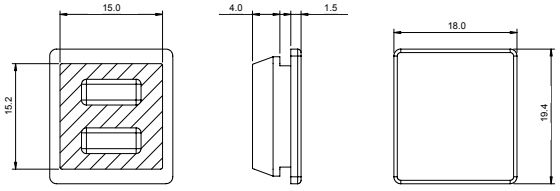


| Part Number | Dimensions (mm) | | | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | "E" | Accepts Hole Dia. | Accepts Panel Thickness | | |
| RHP-1 | 4.0 | 3.6 | 17.0 | 24.0 | 27.0 | 21.5 | 1.45 | 1 | 1000 |
| RHP-2 | 3 | 5 | 21 | 34.0 | 34.5 | 34.5 | 2.0 | 2 | 1000 |

HP

## Hole Plug

**Black Silicone,70 Shore**






| Part Number | Hole Dia. | "D" Panel Thickness | Std Pack Qty |
|---|---|---|---|
| HP-1 | 15.2x15.4 | 1.5 | 1000 |

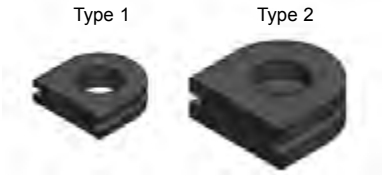
All Dimensions in mm

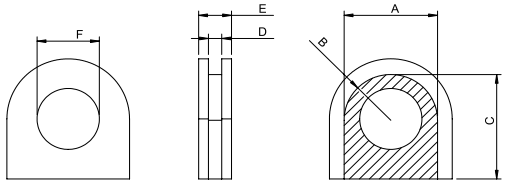
HGU

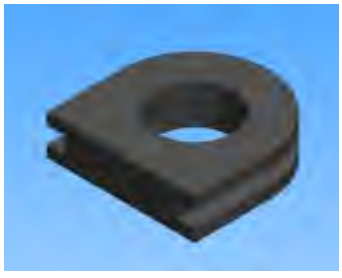
## Hole Plug, Type "U"

**Black EPDM,RMS-420**

Type 1 Type 2





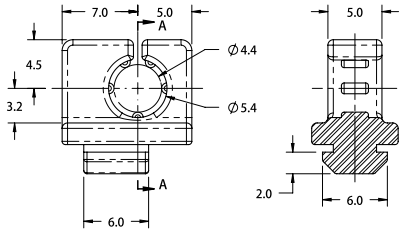



| Part Number | Hole Dia. | | | "D" Panel Thickness | "E" | "F" | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | | | | | |
| HGU-1 | 10.5 | 10.5 | 12.0 | 1.5 | 3.7 | 7.0 | 1 | 1000 |
| HGU-2 | 15.0 | 15.0 | 17.0 | 3.0 | 7.0 | 6.0 | 1 | 1000 |
| HGU-3 | 13.8 | 13.8 | 16.3 | 2.0 | 7.0 | 9.0 | 2 | 1000 |

RC

## Rubber Cushion

**Black Silicone,55 Shore,RMS-417**



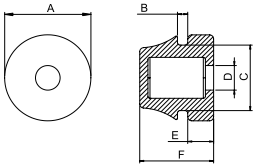



| Part Number | Accepts Hole Dia. (mm) | Accepts Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|
| RC-1 | 6.1 x 4.8 | 0.6 | 1000 |

SG

## Seal Grommet

**Black UL94V0 Silicone, RMS-398**



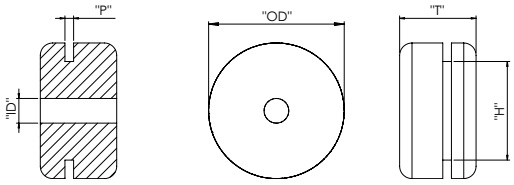



| Part Number | A | B Panel Thickness | C Hole Dia. | "D" Cable Size | E | F | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| SG-1 | 21 | 2.5 | 16 | 6-8 | 6.3 | 18 | 100 |
| SG-2 | 28 | 2.5 | 23 | 12-14 | 6.2 | 20 | 100 |
| SG-3 | 46 | 2.5 | 38 | 23-26 | 8.2 | 30 | 100 |

HGSR

## Hole Grommet, Silicon Rubber

**UL94 V0 Silicone;Color: Black**





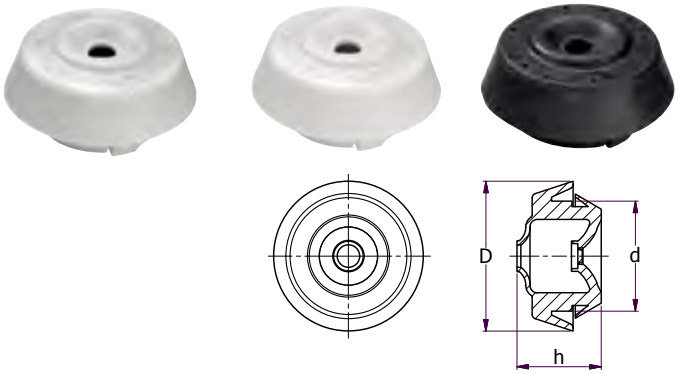

| Part Number | "H" Hole Dia. | "P" Panel Thickness | "ID" Inside Dia. | "OD" Outside Dia. | "T" | Std Pack Qty |
|---|---|---|---|---|---|---|
| HGSR-1 | 8.0 | 0.7 | 2 | 11 | 6.2 | 1000 |
| HGSR-2 | 8.0 | 0.7 | 3 | 11 | 6.2 | 1000 |
| HGSR-3 | 8.0 | 0.7 | 4 | 11 | 6.2 | 1000 |
| HGSR-4 | 8.0 | 0.7 | 1.5 | 11 | 6.2 | 1000 |
| HGSR-5 | 8.0 | 1.0 | 2 | 11 | 6.5 | 1000 |
| HGSR-6 | 8.0 | 1.0 | 3 | 11 | 6.5 | 1000 |
| HGSR-7 | 8.0 | 1.0 | 4 | 11 | 6.5 | 1000 |
| HGSR-8 | 8.0 | 1.0 | 5 | 11 | 6.5 | 1000 |

SR 1754

## Membrane Entry

**Nylon / Thermoplastic Elastomere**

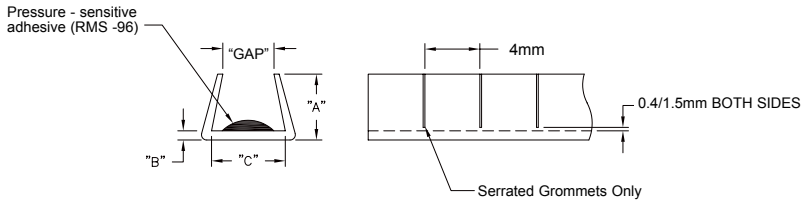
- IP 67
- Temperature range: -20°C to 125°C
- Suitable for unthreaded holes
- Quick and easy installation without tools




| Part Number | Dimensions (mm) | | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| | d | D | | |
| 1664669 | **20.5** | **34.5** | **4.0 - 11.0** | **50** |
| 1664672 | 25.5 | 40 | 4.0 - 14.0 | 50 |
| 284200122545 | **20.5** | **29.7** | **7.0 - 11.0** | **100** |
| 284250122545 | 25.5 | 34.7 | 7.0 - 13.0 | 50 |

NGSG/SNGSG/PGSG/SPGSG

## Continuous Grommet Strip with Adhesive






| Part Number | | Colour | Material | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Solid Lengths | Serrated Lengths | | | Panel Thickness | Range "GAP" | "A" | "B" | "C" | |
| NGSG-2 | SNGSG-2 | Natural | UL94 HB Nylon, RMS-88 | 0.9 - 1.8 | 0.9 | 4.4 | 0.8 | 2.8 | 30M Roll |
| - | SNGSG-2B | Black | UL94 HB Nylon, RMS-88 | 0.9 - 1.8 | 0.9 | 4.4 | 0.8 | 2.8 | 30M Roll |
| NGSG-2.5 | SNGSG-2.5 | Natural | UL94 HB Nylon, RMS-88 | 1.8 - 2.7 | 1.5 | 4.4 | 0.8 | 2.8 | 30M Roll |
| NGSG-3 | SNGSG-3 | Natural | UL94 HB Nylon, RMS-88 | 2.7 - 4.2 | 2.7 | 4.8 | 1.2 | 4 | 30M Roll |
| PGSG-2 | SPGSG-2 | Natural | Polyethylene, RMS-418 | 0.9 - 1.8 | 0.9 | 4.4 | 0.8 | 2.8 | 30M Roll |
| PGSG-2B | SPGSG-2B | Black | Polyethylene, RMS-418 | 0.9 - 1.8 | 0.9 | 4.4 | 0.8 | 2.8 | 30M Roll |
| PGSG-6* | SPGSG-6* | Natural | Polyethylene, RMS-418 | 0.9 - 1.8 | 0.9 | 4.1 | 0.6 | 1.5 | 30M Roll |
| PGSG-6B* | - | Black | Polyethylene, RMS-418 | 0.9 - 1.8 | 0.9 | 4.1 | 0.6 | 1.5 | 30M Roll |
| PGSG-2.5 | SPGSG-2.5 | Natural | Polyethylene, RMS-418 | 1.8 - 2.7 | 1.5 | 4.4 | 0.8 | 2.8 | 30M Roll |
| PGSG-2.5B | SPGSG-2.5B | Black | Polyethylene, RMS-418 | 1.8 - 2.7 | 1.5 | 4.4 | 0.8 | 2.8 | 30M Roll |
| - | SPGSG-7* | Natural | Polyethylene, RMS-418 | 1.8 - 2.7 | 1.5 | 4.8 | 0.9 | 2.5 | 30M Roll |
| PGSG-3 | SPGSG-3 | Natural | Polyethylene, RMS-418 | 2.6 - 4.2 | 2.7 | 4.8 | 1.2 | 4 | 30M Roll |
| PGSG-3B | SPGSG-3B | Black | Polyethylene, RMS-418 | 2.6 - 4.2 | 2.7 | 4.8 | 1.2 | 4 | 30M Roll |
| - | SPGSG-8* | Natural | Polyethylene, RMS-418 | 2.6 - 4.2 | 2.7 | 4.8 | 0.9 | 4 | 30M Roll |

* Parts are extra flexible

SR 1712

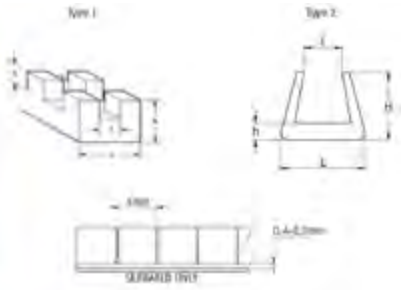
## Grommet Strips

**Natural Polythene/Nylon, RMS-413**

NEW

- Protect against damage from sharp panel edges
- Ideal for tight radii in panel cut-outs and holes





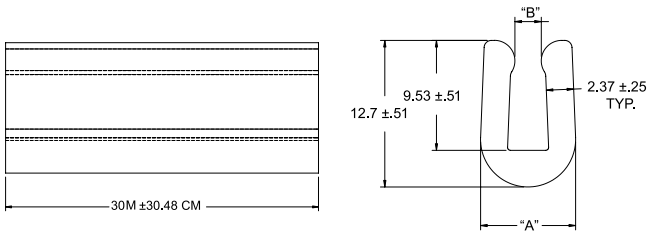
| Part Number | | Type | Material | Dimensions (mm) | | | | Standard Pack Quantity |
|---|---|---|---|---|---|---|---|---|
| Solid Lengths | Serrated | | | L | l | H | h | |
| – | 49087 | 1 | Polythene | 2.20 | 0.9 | 2.4 | 1.8 | 25m |
| – | 49088 | 1 | Polythene | 3.80 | 1.4 | 4.0 | 2.5 | 25m |
| – | 49089 | 1 | Polythene | 4.50 | 2.3 | 4.0 | 2.5 | 25m |
| – | 49090 | 1 | Polythene | 5.60 | 3.3 | 4.0 | 2.5 | 25m |
| – | 49091 | 1 | Polythene | 8.30 | 5.0 | 5.8 | 4.0 | 25m |
| – | 49092 | 1 | Polythene | 9.80 | 6.6 | 6.1 | 4.3 | 25m |
| NGSE-1 | SNGSE-1 | 2 | Nylon | 2.40 | 0.5 | 3.2 | 0.8 | 30m |
| NGSE-2 | SNGSE-2 | 2 | Nylon | 4.40 | 0.9 | 4.4 | 0.8 | 30m |
| NGSE-2.5 | SNGSE-2.5 | 2 | Nylon | 4.40 | 1.5 | 4.4 | 0.8 | 30m |
| - | SNGSE-3 | 2 | Nylon | 6.40 | 2.7 | 4.8 | 1.2 | 30m |
| NGSE-4 | SNGSE-4 | 2 | Nylon | 6.10 | 4.2 | 4.8 | 1.2 | 30m |
| NGSE-5 | SNGSE-5 | 2 | Nylon | 8.00 | 4.8 | 4.8 | 1.2 | 30m |
| – | SPGSE-1 | 2 | Polythene (RMS-412) | 2.53 | 0.5 | 3.2 | 0.8 | 30m |
| – | SPGSE-1.5 | 2 | Polythene (RMS-412) | 3.20 | 0.9 | 4.4 | 0.8 | 30m |
| PGSE-2 | SPGSE-2 | 2 | Polythene (RMS-412) | 5.00 | 0.6 | 4.4 | 0.8 | 30m |
| PGSE-2.5 | SPGSE-2.5 | 2 | Polythene (RMS-412) | 4.40 | 1.5 | 4.4 | 0.8 | 30m |
| PGSE-3 | SPGSE-3 | 2 | Polythene (RMS-412) | 6.40 | 2.7 | 4.8 | 1.2 | 30m |
| – | SPGSE-4 | 2 | Polythene (RMS-412) | 7.20 | 4.2 | 4.8 | 1.2 | 30m |
| PGSE-5 | SPGSE-5 | 2 | Polythene (RMS-412) | 7.20 | 4.8 | 4.8 | 1.2 | 30m |

RG

## Rubber Edge Grommet

**Black, TPE, RMS-214**





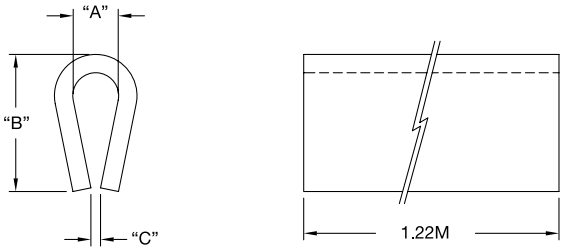

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Panel Thickness | "A" | "B" | |
| RG-1 | 1.6 | 6.74 | 0.76 | 30M Roll |
| RG-2 | 2.36 | 7.44 | 1.52 | 30M Roll |
| RG-3 | 3.18 | 8.23 | 2.29 | 30M Roll |

DSC

## Duro-Strip Channel

**Black, TPE, RMS-214**






| Part Number | Dimensions (mm) | | | | Material | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" ± 0.4 | "B" ± 0.8 | "C" | Panel Thickness | | |
| DSC-.5-48 | 1.6 | 7.6 | 0.8 | 0.8 | MDS Filled Nylon, RMS-21 | 30M: 1.22M lengths x 25 |
| DSC-1-48 | 3.2 | 9.5 | 0.5 | 1.2 | RMS-413 | 30M: 1.22M lengths x 25 |
| DSC-2-48 | 4.8 | 12.7 | 0.8 | 1.2 | RMS-413 | 30M: 1.22M lengths x 25 |
| DSC-3-48 | 6.4 | 15.9 | 1.1 | 1.6 | MDS Filled Nylon, RMS-21 | 30M: 1.22M lengths x 25 |

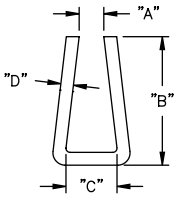
CH

## Channel

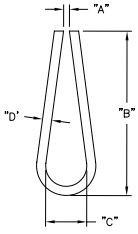
**White, Polystyrene, RMS-16**



Type 1




Type 2



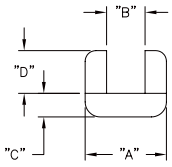

| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" Min. | "D" | |
| CH200X250-48 | 1 | 5.1 | 9.5 | 6.4 | 0.8 | 30M: 1.22M lengths x 25 |
| CH15X50-48 | 1 | 0.4 | 11.1 | 1.3 | 0.8 | 30M: 1.22M lengths x 25 |
| CH20X141-48 | 2 | 0.5 | 14.3 | 3.6 | 0.8 | 30M: 1.22M lengths x 25 |

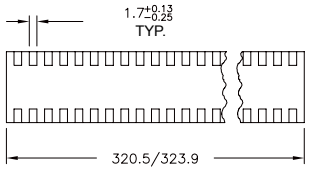
MGS

## Moulded Grommet Strip

**Natural, Nylon 6/6, RMS-01**

- Complies with NASM21266
- Minimum hole Ø 25.4mm






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Panel Thickness | "A" + 0.38/-0.13 | "B" + 0.38/-0.13 | "C" + 0.38/-0.13 | "D" + 0.38/-0.13 | |
| MGS-1-01 | 0.4 - 1.3 | 3.8 | 1.4 | 1.4 | 2.5 | 100 |
| MGS-2-01 | 1.3 - 2.2 | 4.4 | 2.3 | 1.4 | 2.5 | 100 |
| MGS-3-01 | 2.2 - 3.3 | 5.6 | 3.3 | 1.4 | 2.5 | 100 |
| MGS-4-01 | 3.3 - 4.9 | 8.3 | 5.0 | 1.8 | 4.1 | 100 |
| MGS-5-01 | 4.9 - 6.5 | 9.8 | 6.6 | 1.8 | 4.3 | 100 |
| MGS-6-01 | 6.5 - 8.1 | 11.3 | 8.1 | 1.9 | 4.6 | 100 |
| MGS-8-01 | 9.7 - 13 | 16.3 | 13.1 | 1.9 | 4.6 | 50 |

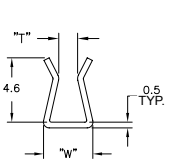
MCG

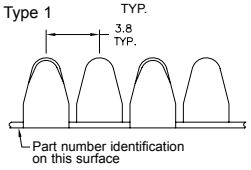
## Metal Continuous Grommet

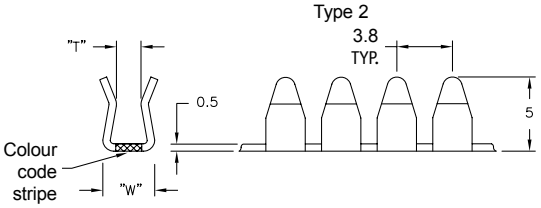
**Black, 304 Stainless Steel, RMS-283;**
**Coating: Nylon 11, RMS-192**

- Dielectric Strength: 1000 volts @ 50 Hz
- Operating Temperature Range: -40°C to 140°C
- UL94 V0 flammability rating
- MCGF Series is more flexible than the MCG series because of its design.






| Part Number | Type | "T" (mm) | "W" (mm) | Colour Code Strip RMS-346 | Std Pack Qty |
|---|---|---|---|---|---|
| MCG-1N | 1 | 0.7 - 1.1 | 3.6 | Not Applicable | 30M Roll |
| MCG-2N | 1 | 1.1 - 1.4 | 3.6 | Not Applicable | 30M Roll |
| MCG-3N | 1 | 1.4 - 1.7 | 3.6 | Not Applicable | 30M Roll |
| MCG-4N | 1 | 1.7 - 2.3 | 4.6 | Not Applicable | 30M Roll |
| MCG-6N | 1 | 2.9 - 3.3 | 4.6 | Not Applicable | 30M Roll |
| MCGF-1N | 2 | 0.7-1.1 | 3.3 | White | 30M Roll |
| MCGF-3N | 2 | 1.4-1.7 | 3.3 | Yellow | 30M Roll |

Hand held cutting tool needed, order part number MCGS-1

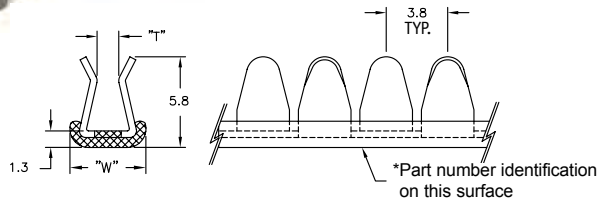
SR1803

## Metal Continuous Cushion Grommet

**Black, 304 Stainless Steel, RMS-283;**
**Coating: Nylon 11, RMS-192**
**Cushion: TPE, 60 Shore D, RMS-300**

- Dielectric Strength: 1000 volts @ 50 Hz
- Operating Temperature Range: -40°C to 140°C
- UL94 V0 flammability rating






| Part Number | Type | "T" (mm) | "W" (mm) | Std Pack Qty |
|---|---|---|---|---|
| MCCG-2N | 1 | 1.1 - 1.4 | 4.8 | 30M Tall |
| MCCG-3N | 1 | 1.4 - 1.7 | 4.8 | 30M Tall |
| MCCG-4N | 1 | 1.7 - 2.3 | 5.8 | 30M Tall |
| MCCG-6N | 1 | 2.9-3.3 | 5.8 | 30M Tall |

Hand held cutting tool needed, order part number MCGS-1

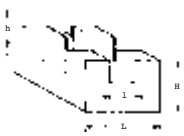
SR 1712

## Grommet Strips

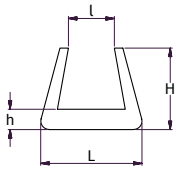
**Natural Polythene/Nylon, RMS-413**

- Protect against damage from sharp panel edges
- Ideal for light radii in panel cut-outs and holes

Type 1

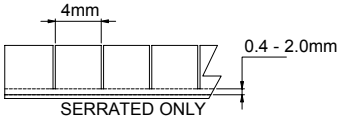


Type 2






| Part Number | | Type | Material | Dimensions (mm) | | | | Std Pack Qty (m) |
|---|---|---|---|---|---|---|---|---|
| Solid Lengths | Serrated | | | L | l | H | h | |
| - | 49087 | 1 | Polythene | 2.20 | 0.9 | 2.4 | 1.8 | 25 |
| - | 49088 | 1 | Polythene | 3.80 | 1.4 | 4.0 | 2.5 | 25 |
| - | 49089 | 1 | Polythene | 4.50 | 2.3 | 4.0 | 2.5 | 25 |
| - | 49090 | 1 | Polythene | 5.60 | 3.3 | 4.0 | 2.5 | 25 |
| - | 49091 | 1 | Polythene | 8.30 | 5.0 | 5.8 | 4.0 | 25 |
| - | 49092 | 1 | Polythene | 9.80 | 6.6 | 6.1 | 4.3 | 25 |
| NGSE-1 | SNGSE-1 | 2 | Nylon | 2.40 | 0.5 | 3.2 | 0.8 | 30 |
| NGSE-2 | SNGSE-2 | 2 | Nylon | 4.40 | 0.9 | 4.4 | 0.8 | 30 |
| NGSE-2.5 | SNGSE-2.5 | 2 | Nylon | 4.40 | 1.5 | 4.4 | 0.8 | 30 |
| - | SNGSE-3 | 2 | Nylon | 6.40 | 2.7 | 4.8 | 1.2 | 30 |
| NGSE-4 | SNGSE-4 | 2 | Nylon | 6.10 | 4.2 | 4.8 | 1.2 | 30 |
| NGSE-5 | SNGSE-5 | 2 | Nylon | 8.00 | 4.8 | 4.8 | 1.2 | 30 |
| - | SPGSE-1 | 2 | Polythene (RMS-412) | 2.53 | 0.5 | 3.2 | 0.8 | 30 |
| - | SPGSE-1.5 | 2 | Polythene (RMS-412) | 3.20 | 0.9 | 4.4 | 0.8 | 30 |
| PGSE-2 | SPGSE-2 | 2 | Polythene (RMS-412) | 5.00 | 0.6 | 4.4 | 0.8 | 30 |
| PGSE-2.5 | SPGSE-2.5 | 2 | Polythene (RMS-412) | 4.40 | 1.5 | 4.4 | 0.8 | 30 |
| PGSE-3 | SPGSE-3 | 2 | Polythene (RMS-412) | 6.40 | 2.7 | 4.8 | 1.2 | 30 |
| - | SPGSE-4 | 2 | Polythene (RMS-412) | 7.20 | 4.2 | 4.8 | 1.2 | 30 |
| PGSE-5 | SPGSE-5 | 2 | Polythene (RMS-412) | 7.20 | 4.8 | 4.8 | 1.2 | 30 |



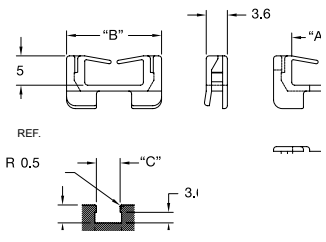

EWSE

## Edge Wire Saddle

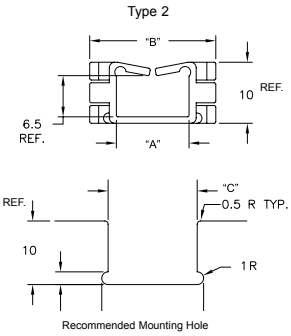
**Black Nylon,**
**UL94 V2 Nylon 6/6, RMS-01**



Type 1




Type 2

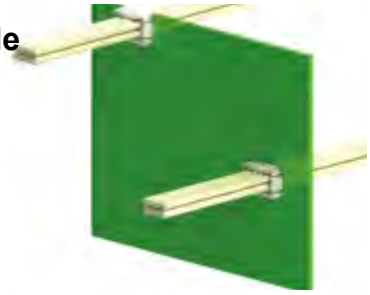


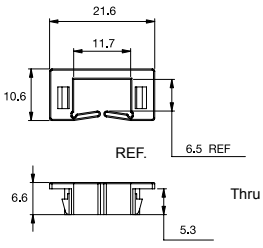

| Part Number | Dimensions (mm) | | | | | Colour | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | Panel Thickness | | | |
| EWSE-8.1-01 | 5.0 | 11.3 | 8.1 | 9.1 | 0.8 - 1.6 | Natural | 1 | 1000 |
| EWSE-12.8-01 | 10.0 | 16.2 | 12.8 | 13.8 | 0.8 - 1.6 | Natural | 1 | 1000 |
| EWSE-1-01 | 11.6 | 20.0 | 14.0 | 16.0 | 0.8 - 1.2 | Black | 2 | 1000 |
| EWSE-2-01 | 11.6 | 20.0 | 14.0 | 16.0 | 1.2 - 1.6 | Natural | 2 | 1000 |
| EWSE-3-01 | 11.6 | 20.0 | 14.0 | 16.0 | 1.6 - 2.0 | Grey | 2 | 1000 |

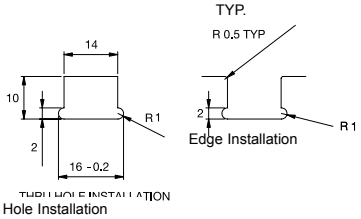
EWSE

## Edge Wire Saddle

**Natural, Nylon 6/6, RMS-01**









Recommended Installation
Panel thickness range: 0.8 to 2

| Part Number | Std Pack Qty |
|---|---|
| EWSJS-1-01 | 1000 |

## HEWSE

# Hinged Edge Wire Saddle

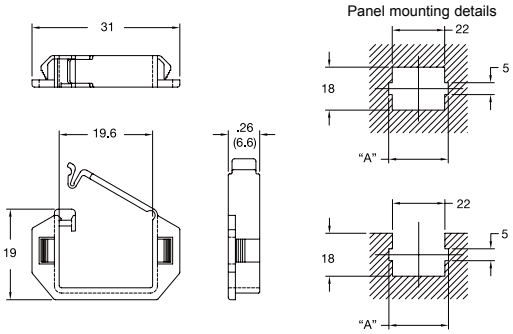
**Natural UL94 V2 Nylon 6/6, RMS-01**



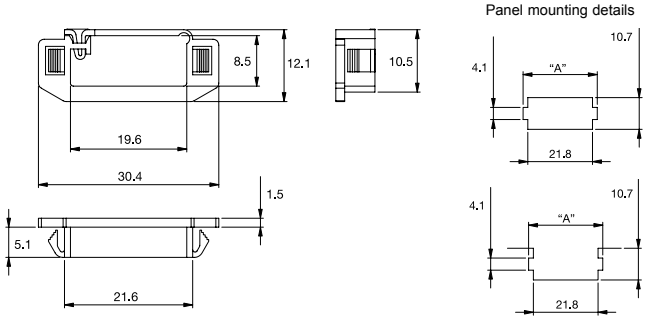
| Part Number | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Panel Thickness | "A" | |
| HEWSE-22-01 | 1 | 0.5 - 1.6 | 25 | 1000 |
| HEWSE-25-01 | 2 | 0.8 - 1.6 | 25 | 1000 |
| HEWSE-25-19* | 2 | 0.8 - 1.6 | 25 | 1000 |

*UL94-V0 Nylon F.R., 6/6, RMS-19

Type 1




Type 2




## LEWSE

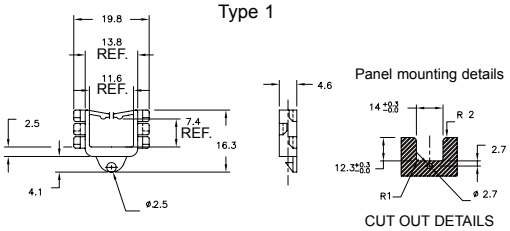
# Edge Wire Saddle

**Natural Nylon 6/6, RMS-01**

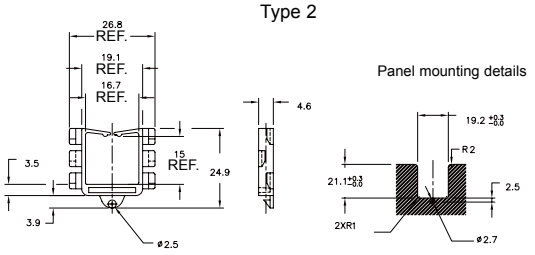


| Part Number | Type | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|
| LEWSE-14-01 | 1 | 0.8-1.6 | 1000 |
| LEWSE-19-01 | 2 | 0.8-1.6 | 1000 |
| LEWSE-21-01 | 3 | 0.8-1.6 | 1000 |
| LEWSE-27-01 | 4 | 0.8-1.6 | 1000 |

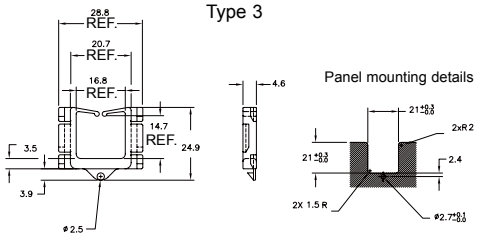
Type 1



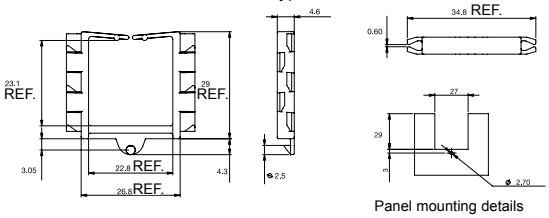

Type 2




Type 3




Type 4



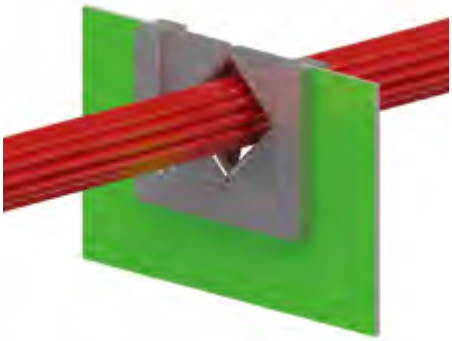
CGA

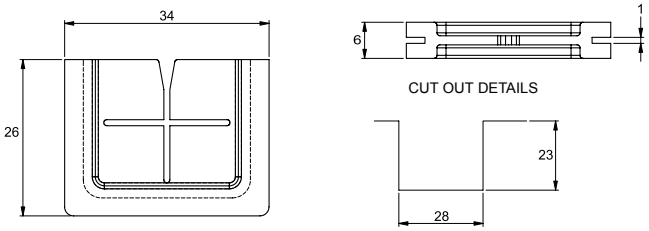
## Cable Grommet

**Black Silicone Rubber 70 Shore A, RMS-378**

- Wings flex to accept various diameters and shapes
- Continuous working temperature: 150 °C

| Part Number | Panel Thickness (mm) | Max Bundle Ø (mm) | Std Pack Qty |
|---|---|---|---|
| 1258288 | 1 | 15 | 1000 |





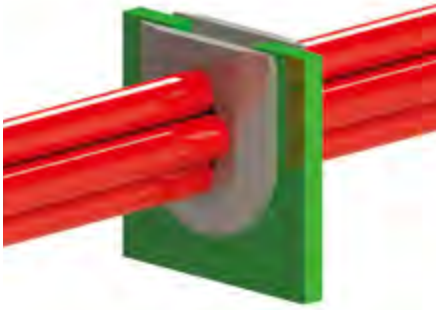

CGB

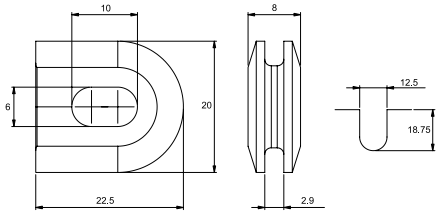
## Cable Grommet

**Black Silicone Rubber 65 Shore A, RMS-379**

- Continuous working temperature: 180 °C

| Part Number | Max Panel Thickness (mm) | Std Pack Qty |
|---|---|---|
| 1342664 | 2.8 | 1000 |





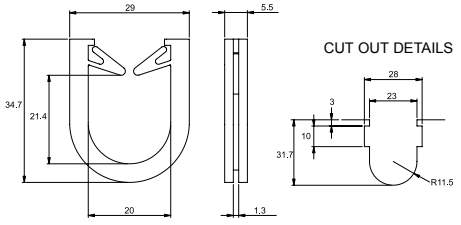

CGC

## Cable Grommet

**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|
| CGC-1-01 | 1.2 | 250 |



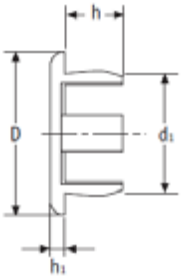


SR 2041

## Street Hole Plug

**Nylon, Beige colour**

• Other colors available





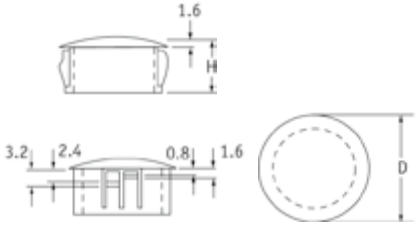

| Part Number | Dimensions (mm) | | | | Thickness | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | d1 | h | h1 | | |
| 161004015402 | 7 | 4 | 6 | 1.1 | 0.8-3.8 | 1000 |
| 161006015402 | 10.4 | 6 | 6 | 1.1 | 0.8-3.8 | 1000 |
| 161006415402 | 10.4 | 6.4 | 6 | 1.1 | 0.8-3.8 | 1000 |
| 161008015402 | 12 | 8 | 6 | 1.2 | 0.8-3.8 | 1000 |
| 161009515402 | 13.5 | 9.5 | 6 | 1.2 | 0.8-3.8 | 1000 |
| 161010015402 | 14 | 10 | 6 | 1.2 | 0.8-3.8 | 1000 |
| 161012015402 | 16 | 12 | 6 | 1.3 | 0.8-3.8 | 1000 |
| 161012715402 | 17.1 | 12.7 | 6 | 1.3 | 0.8-3.8 | 500 |
| 161014015402 | 18.7 | 14 | 6 | 1.4 | 0.8-3.8 | 500 |
| 161014315402 | 18.7 | 14.3 | 6 | 1.4 | 0.8-3.8 | 500 |
| 161015915402 | 20.4 | 15.9 | 6 | 1.4 | 0.8-3.8 | 500 |
| 161018015402 | 22.8 | 18 | 6 | 1.5 | 0.8-3.8 | 500 |
| 161019115402 | 24 | 19.1 | 6 | 1.5 | 0.8-3.8 | 250 |
| 161020015402 | 24.8 | 20 | 6 | 1.5 | 0.8-3.8 | 250 |
| 161022215402 | 27.4 | 22.2 | 6 | 1.6 | 0.8-3.8 | 250 |
| 161024015402 | 29.2 | 24 | 6 | 1.6 | 0.8-3.8 | 250 |
| 161025415402 | 30.6 | 25.4 | 6 | 1.6 | 0.8-3.8 | 250 |

SR 1708

## Vent Plugs

**Black Nylon**

• Provide ventilation access for cooling fans, moving parts and heat-emitting components






| Part Number | Panel Dimensions (mm) | | Part Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | Mounting Hole Dia. | Max.Panel Thickness | D | H | |
| 62MP0750V | 19.1 | 3.2 | 23.0 | 10.3 | 1000 |
| 62MP0875V | 22.2 | 3.2 | 25.8 | 10.3 | 1000 |
| 110491 | 25.4 | 3.2 | 30.5 | 11.5 | 1000 |

TFLH

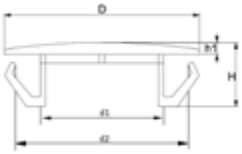
## Sheet Metal Plug

**ABS**

• Designed to seal apertures or fill holes in sheet material
• Provides a clean finish and helps prevents dirt, moisture, and contamination.

NEW





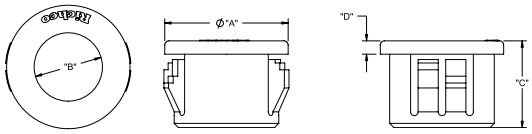

| Part Number | Dimensions (mm) | | | | Sheet Metal Thickness |
|---|---|---|---|---|---|
| | Hole Diameter | D | H | H1 | |
| 20571016 | 9.5-13 | 16 | 13.2 | 2 | 0.8-3.2 |
| 20571023 | 11.5-14.5 | 18.5 | 12.5 | 2 | 0.8-3.2 |
| 20571030 | 15-18 | 21.5 | 12 | 2 | 0.8-3.2 |
| 20571047 | 18.4-22 | 25.3 | 12.7 | 2 | 0.8-3.2 |
| 20571054 | 22-27 | 32.5 | 13.7 | 2 | 0.8-3.2 |
| 20571061 | 27-33 | 35 | 13.5 | 2 | 0.8-3.2 |
| 20571078 | 35-40 | 43.3 | 13.1 | 2 | 0.8-3.2 |
| 20571085 | 44.5-49 | 52.5 | 13.7 | 2 | 0.8-3.2 |

PGSB

# Closed Snap Bushing

**Black UL94 V2 Nylon 6.6**



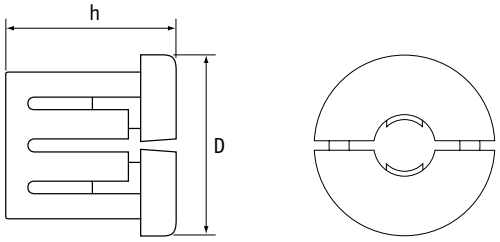



| Part Number | Part Dimensions (mm) | | Part Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | Mounting Hole Dia | Panel Thickness | A | B | C | D | |
| PGSB-1 | 6.35 | 1.57 Max. | 7.9 | 3.2 | 7.9 | 1.6 | 1000 |
| 110492 | 6.6 | 1.6 | 8.0 | 3.2 | 8.0 | 1.6 | 1000 |
| PGSB-2 | 7.9 | 1.57 Max. | 9.5 | 4.7 | 7.9 | 1.6 | 1000 |
| PGSB-3 | 7.9 | 1.57 Max. | 9.5 | 6.1 | 6 | 1.27 | 1000 |
| PGSB-4 | 9.5 | 0.8-3.2 | 11.9 | 4.7 | 10.3 | 1.4 | 1000 |
| 110494 | 9.5 | 3.2 | 11.9 | 4.8 | 10.3 | 1.6 | 1000 |
| PGSB-5 | 9.5 | 0.8-3.2 | 11.9 | 6.35 | 10.3 | 1.4 | 1000 |
| PGSB-0710 | 10 | 0.8-1.6 | 12 | 7.2 | 6.6 | 1.3 | 1000 |
| PGSB-6 | 11.1 | 0.8-3.2 | 13.5 | 6.85 | 10.3 | 1.4 | 1000 |
| PGSB-7 | 11.1 | 0.8-3.2 | 13.5 | 7.9 | 10.3 | 1.4 | 1000 |
| PGSB-8 | 11.1 | 0.8-3.2 | 13.5 | 6.35 | 10.3 | 1.4 | 1000 |
| PGSB-9 | 11.9 | 1.57 Max. | 13.5 | 8.7 | 6.35 | 1.27 | 1000 |
| PGSB-10 | 12.7 | 0.8-3.2 | 14.7 | 6.35 | 10.3 | 1.6 | 1000 |
| 22MP05004 | 12.7 | 3.2 | 14.7 | 6.4 | 10.3 | 1.6 | 1000 |
| PGSB-11 | 12.7 | 0.8-3.2 | 14.7 | 7.9 | 10.3 | 1.6 | 1000 |
| PGSB-12 | 12.7 | 1.57 Max. | 14.3 | 9.5 | 6.35 | 1.6 | 1000 |
| 110501 | 12.7 | 3.2 | 14.7 | 9.8 | 10.3 | 1.6 | 1000 |
| PGSB-1013 | 13 | 0.8-3 | 15 | 10.2 | 9 | 1.3 | 500 |
| PGSB-13 | 13.5 | 1.57 Max. | 15.1 | 10.3 | 6.35 | 1.6 | 1000 |
| PGSB-14 | 14.3 | 0.8-3.2 | 16.7 | 7.9 | 10.3 | 1.6 | 1000 |
| PGSB-15 | 14.3 | 0.8-3.2 | 16.7 | 9.9 | 10.3 | 1.6 | 1000 |
| 110504 | 14.3 | 3.2 | 16.7 | 11.0 | 10.3 | 1.6 | 1000 |
| PGSB-16 | 14.3 | 0.8-3.2 | 16.7 | 11.1 | 10.3 | 1.6 | 1000 |
| PGSB-17 | 15.9 | 0.8-3.2 | 18.2 | 6.35 | 10.3 | 1.6 | 1000 |
| PGSB-18 | 15.9 | 0.8-3.2 | 18.2 | 11.1 | 10.3 | 1.6 | 1000 |
| PGSB-19 | 15.9 | 1.57 Max. | 17.85 | 12.7 | 6.35 | 1.6 | 1000 |
| 110507 | 15.9 | 3.2 | 18.2 | 12.7 | 10.3 | 1.6 | 1000 |
| PGSB-20 | 17.5 | 0.8-3.2 | 19.8 | 12.7 | 10.3 | 1.6 | 1000 |
| PGSB-21 | 17.5 | 0.8-3.2 | 19.8 | 14.3 | 10.3 | 1.6 | 1000 |
| PGSB-1519 | 19 | 1.3-3 | 21.7 | 15.3 | 11 | 1.5 | 200 |
| 22MP07510 | 19.0 | 3.2 | 21.4 | 16.0 | 10.3 | 1.6 | 1000 |
| PGSB-22 | 19.1 | 0.8-3.2 | 21.4 | 12.7 | 10.3 | 1.6 | 200 |
| PGSB-23 | 19.1 | 0.8-3.2 | 21.4 | 14.3 | 10.3 | 1.6 | 200 |
| PGSB-24 | 19.1 | 1.57 Max. | 21 | 15.9 | 6.35 | 1.6 | 200 |
| PGSB-25 | 19.8 | 1.57 Max. | 21.8 | 15.9 | 6.35 | 1.6 | 200 |
| 22MP08109 | 20.6 | 3.2 | 22.6 | 14.3 | 10.3 | 1.6 | 1000 |
| 22MP08110 | 20.6 | 3.2 | 22.6 | 16.0 | 10.3 | 1.6 | 1000 |
| PGSB-1822 | 22 | 0.9-2.3 | 24.8 | 18.2 | 11.5 | 1.5 | 500 |
| PGSB-26 | 22.2 | 0.8-3.2 | 24.2 | 12.7 | 11.5 | 1.6 | 200 |
| PGSB-27 | 22.2 | 0.8-3.2 | 24.2 | 14.3 | 11.5 | 1.6 | 200 |
| PGSB-28 | 22.2 | 0.8-3.2 | 24.2 | 15.9 | 11.5 | 1.6 | 200 |
| PGSB-29 | 22.2 | 0.8-3.2 | 24.2 | 17.45 | 11.5 | 1.6 | 200 |
| PGSB-30 | 22.2 | 1.57 Max. | 23.8 | 19.1 | 6.35 | 1.6 | 200 |
| PGSB-31 | 25.4 | 0.8-3.2 | 28.6 | 19.45 | 11.5 | 1.6 | 200 |
| PGSB-32 | 27.86 | 0.8-3.2 | 31 | 20.6 | 11.5 | 1.6 | 100 |
| PGSB-33 | 27.86 | 0.8-3.2 | 31 | 22.2 | 11.5 | 1.6 | 100 |
| PGSB-34 | 27.86 | 0.8-3.2 | 31 | 23.8 | 11.5 | 1.6 | 100 |
| PGSB-2428 | 28 | 1-3.3 | 31.5 | 24 | 11.2 | 1.5 | 200 |
| PGSB-2530 | 30 | 1-3.1 | 33.5 | 25 | 11.5 | 1.8 | 100 |
| 22MP11815 | 30.2 | 3.2 | 33.3 | 24.0 | 11.5 | 1.6 | 250 |
| PGSB-35 | 31.75 | 0.8-3.2 | 33.3 | 23.8 | 11.5 | 1.6 | 100 |
| PGSB-2634 | 34.2 | 1-3.2 | 38 | 26.2 | 11.5 | 1.5 | 100 |
| PGSB-36 | 34.9 | 0.8-3.2 | 37.3 | 25.4 | 11.5 | 1.6 | 100 |
| PGSB-37 | 38.1 | 0.8-3.2 | 40.9 | 27 | 11.5 | 1.6 | 100 |
| PGSB-38 | 38.1 | 0.8-3.2 | 40.9 | 28.6 | 11.5 | 1.6 | 100 |
| PGSB-39 | 38.1 | 0.8-3.2 | 40.9 | 33.3 | 11.5 | 1.6 | 100 |
| PGSB-40 | 44.45 | 0.8-3.2 | 47.6 | 34.9 | 11.5 | 1.6 | 100 |
| PGSB-41 | 50.8 | 0.8-3.2 | 54 | 41.7 | 11.5 | 1.6 | 100 |
| PGSB-42 | 50.8 | 0.8-3.2 | 54 | 44.5 | 11.5 | 1.6 | 100 |
| PGSB-43 | 57.2 | 1.57 Max. | 63 | 47 | 18.2 | 1.6 | 100 |
| 22MP25031 | 63.5 | 3.2 | 68.8 | 49.9 | 18.4 | 1.6 | 100 |
| 22MP30039 | 76.2 | 6.3 | 80.2 | 62.7 | 18.2 | 1.6 | 100 |
| 22MP33745 | 85.7 | 6.3 | 92.9 | 71.4 | 18.2 | 1.6 | 100 |
| 22MP35047 | 88.9 | 6.3 | 92.9 | 74.6 | 18.2 | 1.6 | 100 |
| 22MP40055 | 101.6 | 6.3 | 105.9 | 87.8 | 18.2 | 1.6 | 50 |

SR 1724

## Snub Bushes

**Black Nylon 6.6 - (Heat Stabilised to UL94 V2)**





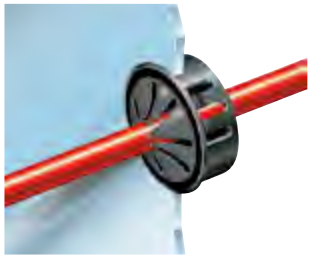

| Part Number | Panel Dimensions (mm) | | | Part Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Mounting Hole Dia | Max Panel Thickness | Cable Size (mm) | D | h | |
| SB-1 | 9.5 | 3.2 | 3.8 | 11.4 | 12.1 | 1000 |
| SB-2 | 11.1 | 3.2 | 5.6 | 14 | 12.1 | 1000 |
| SB-3 | 12.7 | 3.2 | 7.1 | 16 | 12.1 | 1000 |

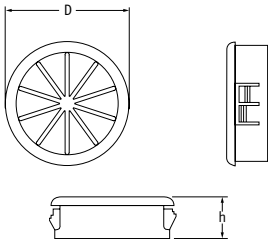
SR 1707

## Universal Bushes

**Black Nylon**

- Effortless snap-fit into panels
- Protect against rough hole edges
- Ideal for wire, cable and irregular-shaped items






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Mounting Hole Dia | D | Max. Cable Bundle | Cable Diameter | h | |
| PGSD-1* | 12.7 | 1.6 | 15.2 | 7.9 | 6.4 | 500 |
| PGSD-5* | 12.7 | 3.2 | 15.2 | 7.9 | 9.8 | 500 |
| PGSD-2* | 15.9 | 1.6 | 18.5 | 11.1 | 6.4 | 500 |
| PGSD-6* | 15.9 | 3.2 | 18.5 | 11.1 | 10.3 | 500 |
| PGSD-3* | 19.1 | 1.6 | 21.4 | 12.7 | 6.4 | 200 |
| PGSD-7* | 19.1 | 3.2 | 21.4 | 12.7 | 9.9 | 200 |
| 22AF0812 | 20.6 | 3.2 | 12.7 | 22.6 | 9.9 | 1000 |
| PGSD-4* | 22.2 | 1.6 | 23.8 | 14.2 | 6.4 | 200 |
| PGSD-8* | 22.2 | 3.2 | 23.8 | 14.2 | 11.5 | 200 |
| PGSD-9* | 25.4 | 3.2 | 27.0 | 19.1 | 11.5 | 200 |
| 22AF1093 | 27.8 | 3.2 | 20.6 | 29.3 | 11.5 | 1000 |
| PGSD-10* | 34.9 | 3.2 | 37.8 | 25.4 | 11.5 | 100 |
| PGSD-11* | 38.1 | 3.2 | 40.9 | 27.0 | 11.4 | 100 |

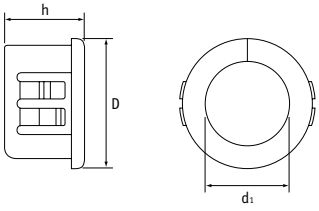
*UL #E320906

SR 1738

## Open/Closed Bushes

**Black Nylon 6.6 - (Heat Stabilised to UL94 V2)**





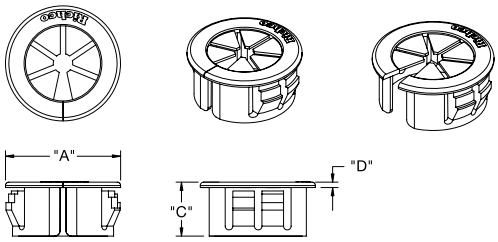

| Part Number | Part Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Mounting Hole Dia | Max Panel Thickness | D | d1 | h | |
| PGSA-0407A* | 7.0 | 1.0 | 10.4 | 4.8 | 5.0 | 1000 |
| PGSA-1013A* | 13.0 | 1.5 | 16.2 | 9.2 | 5.3 | 500 |
| PGSA-1316A* | 16.0 | 1.4 | 19.4 | 12.2 | 5.4 | 500 |
| PGSA-1519A* | 19.0 | 1.5 | 22.7 | 14.3 | 5.7 | 500 |
| PGSA-1822A* | 22.0 | 1.6 | 25.5 | 17.6 | 5.6 | 500 |
| PGSA-2024A* | 24.0 | 1.6 | 27.0 | 19.5 | 5.3 | 500 |
| PGSA-2327A* | 27.1 | 1.0 | 35.1 | 22.9 | 6.0 | 200 |
| PGSA-2529A* | 29.0 | 1.1 | 35.1 | 24.5 | 7.0 | 200 |
| PGSB-0609A* | 9.5 | 1.7 | 11.4 | 6.6 | 6.5 | 1000 |
| PGSB-1A* | 9.5 | 3.2 | 10.7 | 6.7 | 9.9 | 1000 |
| PGSB-2A* | 11.1 | 3.2 | 12.7 | 7.9 | 10.3 | 1000 |
| PGSB-1013A* | 13.0 | 3.5 | 14.9 | 9.0 | 10.5 | 500 |
| PGSB-3A* | 14.3 | 3.2 | 16.3 | 9.9 | 10.3 | 500 |
| PGSB-1316A* | 16.0 | 3.5 | 18.0 | 10.5 | 10.5 | 500 |
| PGSB-1216A* | 16.5 | 3.3 | 18.6 | 12.3 | 10.0 | 500 |
| PGSB-1519A* | 19.0 | 3.3 | 20.6 | 14.5 | 11.0 | 500 |
| PGSB-1822A* | 22.0 | 3.5 | 24.8 | 17.3 | 11.5 | 200 |
| PGSB-9A* | 25.0 | 3.0 | 26.4 | 20.4 | 10.3 | 200 |
| PGSB-5A* | 27.8 | 3.2 | 29.4 | 22.2 | 10.3 | 200 |
| PGSB-6A* | 31.8 | 3.2 | 34.1 | 26.6 | 10.3 | 200 |
| PGSB-7A* | 34.9 | 3.2 | 37.3 | 29.7 | 10.3 | 200 |
| PGSB-8A* | 38.1 | 3.2 | 40.1 | 31.7 | 10.7 | 200 |

* UL #E320906

PGSC

## Open Snap Bushing

**Black UL94 V2 Nylon 6/6, RMS-01**






| Part Number | Hole Dia. | Max. Panel Thickness | Head Dia. "A" | To Accommodate Bundle Dia. | "C" | "D" | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| PGSC-1319A | 19-19.1 | 0.8-3 | 21.8 | 12.7 | 9.9 | 1 | 500 |
| PGSC-1422A | 22.2-22.4 | 0.8-3 | 23.8 | 14.3 | 11.5 | 1 | 200 |
| PGSC-1926A | 25.4-25.5 | 0.8-3 | 27 | 19 | 11.5 | 1 | 200 |
| PGSC-2128A | 27.8-28 | 0.8-3 | 29.5 | 20.7 | 11.5 | 1 | 200 |

SR 1086

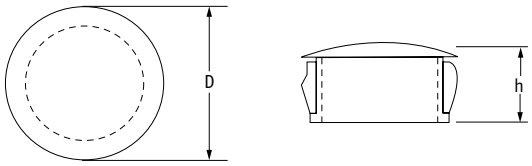
## Domed Blanking Plugs

LINE EXTENSION

**Black or White Nylon - (Heat Stabilised to UL94 V2)**

- Snap into panel thicknesses of 1.6 to 3.2mm
- Ideal for closing panel cavities from 4.8 to 51mm in diameter






| Part Number | | Panel Dimensions (mm) | | Part Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | White | Mounting Hole Dia. | Max.Panel Thickness | D | h | |
| 62MP0187 | 62MP0187W | 4.8 | 1.6 | 6.4 | 5.9 | 1000 |
| PGM-1 | PGM-1WH | 6.4 | 1.6 | 8.0 | 8.0 | 1000 |
| PGM-6 | PGM-6WH | 6.4 | 1.7 | 7.6 | 5.6 | 1000 |
| PGM-7 | - | 7.1 | 1.6 | 11.0 | 7.0 | 1000 |
| PGM-8 | - | 7.8 | 1.6 | 9.5 | 6.0 | 1000 |
| PGM-2 | PGM-2WH | 8.0 | 1.6 | 9.5 | 8.0 | 1000 |
| PGM-33 | PGM-33WH | 9.5 | 3.2 | 12.0 | 10.0 | 1000 |
| PGM-9 | - | 9.6 | 1.2 | 13.0 | 6.5 | 1000 |
| PGM-10 | - | 9.8 | 1.4 | 13.0 | 6.0 | 1000 |
| PGM-34 | PGM-34WH | 11.1 | 3.2 | 13.5 | 10.3 | 1000 |
| PGM-3 | PGM-3WH | 11.9 | 1.6 | 13.5 | 6.4 | 1000 |
| PGM-5 | PGM-5WH | 12.7 | 1.6 | 14.3 | 6.4 | 1000 |
| PGM-24 | PGM-24WH | 12.7 | 3.2 | 14.6 | 10.3 | 1000 |
| 466855 | 466871 | 12.7 | 6.4 | 14.7 | 14.3 | 1000 |
| PGM-13 | - | 12.9 | 2.1 | 17.0 | 8.0 | 1000 |
| PGM-11 | PGM-11WH | 13.5 | 1.6 | 15.1 | 6.4 | 500 |
| PGM-26 | PGM-26WH | 14.3 | 3.2 | 16.7 | 10.3 | 1000 |
| PGM-12 | PGM-12WH | 15.9 | 1.6 | 18.2 | 6.4 | 500 |
| PGM-27 | PGM-27WH | 15.9 | 3.2 | 18.2 | 10.3 | 1000 |
| 466856 | - | 15.9 | 6.4 | 18.2 | 14.3 | 1000 |
| PGM-16 | - | 16.0 | 2.0 | 20.0 | 8.0 | 500 |
| 466867 | - | 16.0 | 2.5 | 18.5 | 10.3 | 1000 |
| PGM-28 | PGM-28WH | 17.5 | 3.2 | 20.0 | 10.3 | 1000 |
| 62MP0750 | 62MP0750W | 19.0 | 3.2 | 23.2 | 10.3 | 1000 |
| PGM-14 | PGM-14WH | 19.1 | 1.6 | 21.4 | 6.4 | 500 |
| 466857 | 466873 | 19.1 | 6.4 | 23.4 | 14.3 | 1000 |
| PGM-15 | PGM-15WH | 19.8 | 1.6 | 22.6 | 6.4 | 500 |

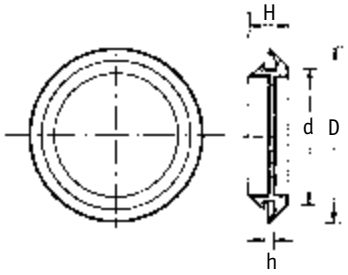
| Part Number | | Panel Dimensions (mm) | | Part Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | White | Mounting Hole Dia. | Max.Panel Thickness | D | h | |
| 466868 | | 20.0 | 2.5 | 22.6 | 10.3 | 1000 |
| 460016 | 462736 | 20.6 | 3.2 | 22.6 | 10.3 | 1000 |
| PGM-22 | | 22.0 | 3.0 | 26.0 | 9.6 | 500 |
| PGM-17 | PGM-17WH | 22.2 | 1.6 | 24.6 | 6.4 | 500 |
| PGM-29 | PGM-29WH | 22.2 | 3.2 | 28.6 | 11.5 | 200 |
| 466858 | 466874 | 22.2 | 6.4 | 25.8 | 14.3 | 1000 |
| 466869 | 466885 | 25.0 | 2.5 | 29.8 | 11.5 | 1000 |
| 460018 | 462738 | 25.4 | 3.2 | 30.5 | 11.5 | 1000 |
| PGM-32 | PGM-32WH | 27.8 | 3.2 | 31.0 | 11.5 | 1000 |
| 466860 | | 27.8-28.6 | 6.4 | 30.9 | 14.3 | 1000 |
| 62MP1187 | 62MP1187W | 30.0 | 3.2 | 33.3 | 11.5 | 1000 |
| 466861 | 466877 | 30.1 | 6.4 | 33.3 | 14.3 | 1000 |
| PGM-30 | | 30.6 | 3.2 | 34.0 | 13.0 | 200 |
| 466862 | | 31.7 | 6.4 | 34.9 | 14.3 | 1000 |
| 466870 | | 32.0 | 2.5 | 35.3 | 11.5 | 1000 |
| PGM-18 | PGM-18WH | 32.0 | 3.2 | 34.9 | 11.5 | 1000 |
| 466863 | 466879 | 34.9 | 6.4 | 38.1 | 14.3 | 1000 |
| PGM-20 | PGM-20WH | 35.0 | 3.2 | 38.0 | 11.5 | 1000 |
| PGM-31 | PGM-31WH | 38.0 | 3.2 | 42.7 | 11.5 | 1000 |
| 466864 | 466880 | 38.1 | 6.4 | 42.4 | 14.3 | 1000 |
| 466865 | 466881 | 44.5 | 6.4 | 48.4 | 14.3 | 1000 |
| PGM-21 | PGM-21WH | 45.0 | 3.2 | 48.4 | 11.5 | 500 |
| PGM-23 | PGM-23WH | 50.8 | 3.2 | 55.1 | 11.9 | 100 |
| 466866 | 466882 | 50.8 | 6.4 | 55.1 | 14.3 | 1000 |

SR 1760

## Snap-Fit Blanking Plugs

**Natural LDPE**

- Ideal for metal panels up to 2.5mm thick
- Snap neatly into position





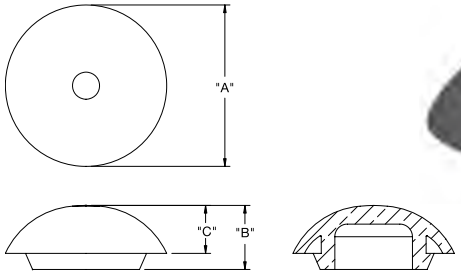

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | d | h | H | |
| 10923 | 20.0 | 9.5 | 3.0 | 8.5 | 5000 |
| 12540 | 24.0 | 12.5 | 3.0 | 9.8 | 5000 |
| 12543 | 31.5 | 20.0 | 3.0 | 9.8 | 5000 |
| 12545 | 36.5 | 25.0 | 3.0 | 9.8 | 3000 |
| 12546 | 39.5 | 28.0 | 3.0 | 9.8 | 2500 |
| 12976 | 41.0 | 31.5 | 3.0 | 9.2 | 2000 |
| 12547 | 49.5 | 38.0 | 3.0 | 9.8 | 1500 |
| 12548 | 61.5 | 50.0 | 3.0 | 9.8 | 1000 |
| 12632 | 62.5 | 51.0 | 3.0 | 9.5 | 1000 |

LTP

## Liquid Tight Plug IP67

**UL94 V0 Silicone Rubber, RMS-398, Black**

- Offers protection to IP 67






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Mounting Hole Dia. | "A" | "B" | "C" | Max.Panel Thickness | |
| LTP-4 | 12.7 | 23.4 | 11.4 | 7.3 | 3.2 | 1000 |
| LTP-7 | 15.88 | 27.6 | 11.3 | 8.1 | 3.2 | 500 |
| LTP-5 | 19.1 | 29.2 | 13 | 8.9 | 3.2 | 500 |
| LTP-1 | 22.23 | 32 | 12.7 | 9.5 | 3.2 | 1000 |
| LTP-6 | 25.4 | 35.8 | 14.2 | 10.1 | 3.2 | 200 |
| LTP-2 | 27.76 | 39.2 | 13.7 | 10.5 | 3.2 | 500 |
| LTP-3 | 34.93 | 46.2 | 14.7 | 11 | 3.2 | 200 |

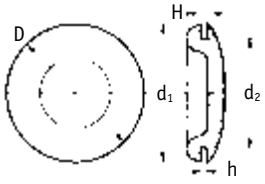
SR 1750/1751

## Blanking Plugs

**SR 1750 Black PVC**
**SR 1751 Black TPR**

- Ideal for metal panels
- Acid-resistant
- TPR withstands temperatures between -40°C and +135°C
- PVC withstands temperatures up to +50°C






| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| SR 1750 | SR 1751 | | | | | | |
| PVC | TPR | D | $d_1$ | $d_2$ | h | H | |
| 10860 | 15150 | 9.3 | 9.3 | 4.7 | 1.6 | 4.6 | 10000 |
| 10825 | 15151 | 9.5 | 9.5 | 6.4 | 1.6 | 5.0 | 10000 |
| 10832 | - | 14.5 | 10.6 | 8.0 | 0.8 | 4.0 | 10000 |
| 10233 | - | 14.5 | 10.6 | 8.0 | 1.6 | 4.5 | 10000 |
| 10488 | - | 15.0 | 12.4 | 9.5 | 1.6 | 6.6 | 10000 |
| 10912 | 15155 | 17.7 | 12.8 | 11.2 | 1.6 | 6.2 | 10000 |
| 10768 | - | 17.0 | 15.5 | 11.5 | 1.6 | 7.0 | 5000 |
| 15511 | - | 17.5 | 15.9 | 11.9 | 1.2 | 7.1 | 10000 |
| 50680 | - | 19.0 | 13.1 | 12.0 | 0.8 | 6.5 | 10000 |
| 10502 | 15157 | 18.7 | 15.5 | 12.7 | 1.6 | 5.6 | 5000 |
| 11321 | 15158 | 20.0 | 18.4 | 14.9 | 1.3 | 7.0 | 10000 |
| 10213 | 15159 | 22.0 | 19.0 | 15.5 | 1.6 | 7.5 | 5000 |
| 1347533* | - | 19.0 | 19.0 | 15.9 | 1.6 | 7.1 | 10000 |
| 12914 | - | 20.0 | 18.5 | 16.3 | 1.3 | 7.0 | 5000 |
| 10678 | 15160 | 25.0 | 22.0 | 19.0 | 1.6 | 6.5 | 5000 |
| 10499 | 15161 | 25.0 | 22.0 | 20.0 | 1.6 | 6.5 | 5000 |
| 11152 | 15162 | 28.5 | 26.7 | 26.7 | 2.4 | 8.2 | 3000 |
| 10902 | - | 28.5 | 27.0 | 22.5 | 1.6 | 7.5 | 3000 |
| 11027 | 15164 | 30.0 | 27.5 | 24.5 | 2.4 | 8.7 | 2000 |
| 10705 | 15166 | 32.0 | 28.3 | 25.4 | 1.6 | 9.0 | 3000 |
| 11148 | 15165 | 32.0 | 28.3 | 25.4 | 2.4 | 9.0 | 3000 |
| 11323 | - | 38.5 | 28.5 | 25.0 | 0.8 | 4.6 | 3000 |
| 11281 | 15170 | 38.2 | 35.4 | 32.0 | 3.1 | 7.15 | 2000 |
| 11239 | - | 38.2 | 31.5 | 31.5 | 0.8 | 7.0 | 2000 |
| 11059 | 15168 | 38.2 | 35.4 | 31.5 | 1.6 | 7.5 | 2000 |
| 10877 | 15171 | 43.7 | 43.0 | 38.2 | 1.6 | 8.2 | 1500 |
| 10320 | 15172 | 57.5 | 52.6 | 51.5 | 1.6 | 12.4 | 500 |

* Solid style, no recess on blind side.

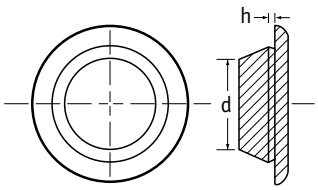
SR 1765

## Body Plugs

**Black TPR**

- Quick to fit
- Each size covers a range of panel thicknesses
- Withstand temperatures between -40°C and +135°C






| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Panel Hole Size d | Panel Thickness h | |
| 16230 | 10.0 | 0.8-2.0 | 5000 |
| 16231 | 12.0 | 0.8-2.0 | 5000 |
| 16232 | 14.0 | 0.8-2.0 | 5000 |
| 16233 | 16.0 | 0.8-2.0 | 5000 |
| 16234 | 18.0 | 0.8-2.0 | 2500 |
| 16235 | 20.0 | 0.8-2.0 | 2500 |
| 16236 | 22.0 | 0.8-2.0 | 2500 |
| 16237 | 25.0 | 0.8-2.0 | 3000 |
| 16238 | 30.0 | 0.8-2.0 | 2000 |
| 10517 | 45.0 | 0.8-2.0 | 1000 |

BP

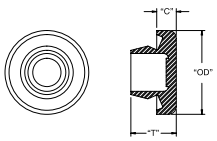
## Body Plugs IP67

**Black UL94 HB TPE**

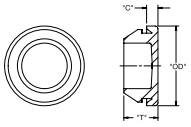
- Offers protection to IP 67 at maximum panel thickness



Type 1




Type 2



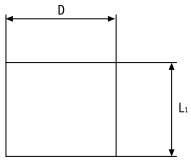

LINE EXTENSION

| Part Number | Type | Panel Hole Ø Ref. | Panel Thickness | "OD" | "T" | "C" | Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| BP-16230 | 1 | 10 | 0.8 - 2 | 19.3 | 10.9 | 5 | RMS-262 | 1000 |
| BP-16231 | 1 | 12 | 0.8 - 2 | 21 | 11.4 | 5 | RMS-262 | 1000 |
| BP-16232 | 1 | 14 | 0.8 - 2 | 23 | 11.4 | 5 | RMS-262 | 1000 |
| BP-16234 | 1 | 18 | 0.8 - 2 | 27 | 11.4 | 5 | RMS-262 | 1000 |
| BP-16236 | 1 | 22 | 0.8 - 2 | 31.2 | 10.9 | 4.5 | RMS-262 | 1000 |
| BP-1 | 2 | 22 | 1.6 - 3 | 28 | 12 | 4 | RMS-395 | 1000 |
| BP-2 | 2 | 26.5 | 1.6 - 3 | 32.5 | 12 | 4 | RMS-395 | 1000 |
| BP-3 | 2 | 22 | 1.6 - 3 | 28 | 12 | 4 | RMS-168 | 1000 |
| BP-4 | 2 | 26.5 | 0.8 - 2 | 32.5 | 12 | 4 | RMS-168 | 1000 |
| BP-16238 | 1 | 30 | 0.8 - 2 | 39.4 | 10.7 | 4.25 | RMS-262 | 1000 |

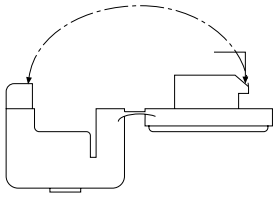
SR 1742

## Self-Lock Strain Relief Bushes

**Nylon 6.6 - (Heat Stabilised to UL94 V2)**




Mounting Hole



Locking Tab

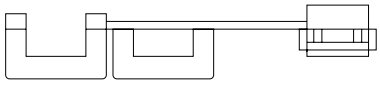


| Part Number | UL/CSA Description | Fits Cable | | Hole Size (mm) | | Max Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | Size (mm) | Shape | D | $L_1$ | | |
| 465701 | ST-100N | 3.0 x 5.6 - 4.1 x 7.6 | Flat | 11.5 | 13.0 | 2.5 | 500 |
| - | ST-101N | 5.6 - 7.4 | Round | 11.5 | 13.0 | 2.5 | 500 |
| 465707 | ST-201N | 7.4 - 9.1 | Round | 17.5 | 17.5 | 4.0 | 500 |
| 465711 | ST-301N | 9.0 - 10.6 | Round | 17.5 | 17.5 | 4.0 | 500 |

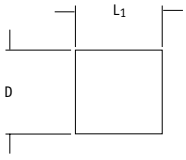
SR 1744

## Split Panel Strain Relief Bushes

**Nylon 6.6 - (Heat Stabilised to UL94 V2)**



Wire Locking Ratchet




Mounting Hole Split Chassis



| Part Number | UL/CSA Description | Cable Diameter (mm) | Max Panel Thickness (mm) | Hole Size (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | | | D | $L_1$ | |
| 465714 | SR 8R-200 | 6.4 - 15.2 | 2.5 | 22.2 | 22.2 | 500 |

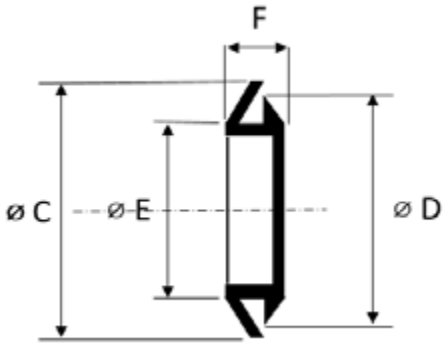
**BP**

# Blanking Plugs

**LDPE**

- Quick to fit
- Ideal for panels up to 4.5mm thick






| Part Number | C mm | D mm | E mm | F mm | Material | Hole Size (mm) | Panel Thickness (mm) |
|---|---|---|---|---|---|---|---|
| BP0127 | 21.6 | 14.0 | - | 7.4 | LDPE | 12.7 - 13.3 | 0.5 - 1.7 |
| BP0190 | 29.5 | 19.7 | 18,7 | 8.4 | LDPE | 18.6 - 19.4 | 0.5 - 3.5 |
| BP0206 | 29.8 | 21.2 | 20.2 | 7.3 | LDPE | 20.1 - 20.9 | 0.5 - 1.7 |
| BP0286 | 39.2 | 29.9 | 28.2 | 10.0 | LDPE | 28.1 - 29.3 | 0.5 - 4.5 |
| BP0317 | 40.5 | 32.9 | 31.0 | 7.9 | LDPE | 31.3 - 32.3 | 0.5 - 2.5 |
| BP0349 | 44.5 | 35.5 | 33.9 | 8.7 | LDPE | 34.5 - 35.6 | 0.5 - 2.5 |
| BP0381 | 46.5 | 38.9 | 37.8 | 8.8 | LDPE | 37.5 - 38.7 | 0.5 - 2.5 |
| BP0444 | 54.1 | 45.7 | - | 8.9 | LDPE | 43.8 - 45 | 0.5 - 2.5 |
| BP0476 | 56.9 | 49.0 | - | 8.9 | LDPE | 47 - 48.3 | 0.5 - 2.5 |
| BP0635 | 76.2 | 64.8 | - | 10.9 | LDPE | 62.2 - 63.8 | 0.5 - 2.5 |

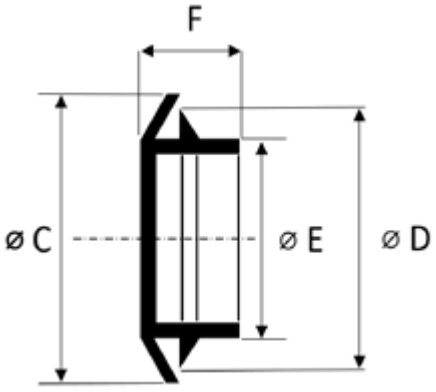
**BPF**

# Blanking Plugs

**LDPE**

- Quick to fit
- Ideal for panels up to 2.5mm thick






| Part Number | C mm | D mm | E mm | F mm | Hole Size (mm) | Panel Thickness (mm) |
|---|---|---|---|---|---|---|
| BPF0063 | 12.0 | 6.7 | 6.1 | 5.4 | 6.2 - 6.4 | 0.7 - 2.0 |
| BPF0095 | 19.9 | 10.6 | 9.6 | 7.3 | 9.3 - 9.6 | 0.5 - 1.2 |
| BPF0127 | 20.0 | 13.2 | 12.2 | 5.0 | 12.4 - 13.0 | 0.7 - 2.0 |
| BPF0159 | 20.0 | 17.4 | 15.7 | 7.0 | 15.4 - 16.1 | 1.5 - 2.0 |
| BPF0190 | 27.3 | 19.8 | 18.5 | 7.9 | 18,6 - 19.4 | 1.2 - 2.7 |
| BPF0222 | 30.0 | 22.8 | 21.6 | 7.5 | 21.8 - 22.4 | 0.7 - 2.0 |
| BPF0238 | 33.3 | 24.9 | | 6.4 | 23.4 - 24.2 | 0.7 - 2.0 |
| BPF0254 | 34.0 | 26.0 | 24.3 | 7.0 | 24.8 - 25.7 | 0.7 - 2.0 |
| BPF0302 | 39.5 | 31.2 | 29.8 | 6.9 | 29.8 - 30.8 | 0.7 - 2.0 |
| BPF0317 | 40.1 | 32.9 | 31.3 | 7.2 | 31.1 - 32.1 | 0.7 - 2.0 |
| BPF0333 | 41.9 | 33.5 | 32.5 | 6.2 | 32.8 - 33.7 | 0.7 - 2.0 |
| BPF0444 | 54.0 | 45.4 | 44.0 | 7.0 | 44 - 44.8 | 0.7 - 2.0 |
| BPF0508 | 60.8 | 51.4 | 50.4 | 7.7 | 49 - 51 | 0.7 - 2.0 |
| BPF0540 | 62.5 | 54.8 | 53.5 | 6.7 | 53.4 - 54.4 | 0.7 - 2.0 |
| BPF0762 | 85.4 | 77.7 | | 6.4 | 75.5 - 76.8 | 0.7 - 2.0 |
| BPF0794 | 89.4 | 80.8 | | 6.4 | 78.7 - 80 | 0.7 - 2.0 |
| BPF0889 | 98.1 | 90.4 | | 8.9 | 88.2 - 89.5 | 0.7 - 2.0 |
| BPF1016 | 111.0 | 104.9 | | 7.1 | 100.9 - 102.2 | 1.27-2.5 |

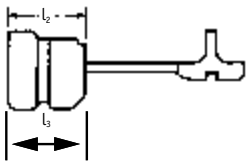


SR 1711

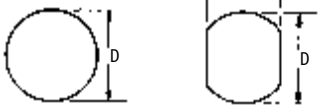
## Strain Relief Bushes

**Black Nylon 6.6**

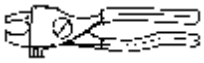
- Eliminate cable strain and wear
- Withstand temperatures up to +85°C
- Crimped onto cable and inserted into hole using tool part number 34811
- For round or elongated holes




Hole shapes




Installation tool



Part Number 34811

| Part Number | UL Number | Fits Cable | | | Hole Size (mm) | | | Dimensions (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | Shape | Specification | Size (mm) | D | I1 | Max. Panel Thickness (mm) | I2 | |
| SRB-F-2 | - | Flat | XT(Clockwire)#18/2 | 2.3x4.6 | 9.5 | 8.8 | 1.6 | 10.4 | 500 |
| SRB-F-2 | - | Flat | SP-1,SPT-1#18/2 | 2.8x5.3 | 9.5 | 8.8 | 1.6 | 10.4 | 500 |
| 23MP02P40 | E107293 | Flat | SPT-1 | 3x5.6 | 9.5 | 8.7 | 1.6 | 10.4 | 1000 |
| 23MP03P40 | E107293 | Flat | SPT-1 | 3x5.6 | 11.0 | 9.9 | 1.6 | 10.4 | 1000 |
| SRB-F-6 | E107293 | Flat | SPT-1 | 3x5.6 | 11.0 | 9.9 | 2.5 | 10.4 | 1000 |
| SRB-D-3 | - | Flat | SP-1,SPT-1#18/2 | 3x5.6 | 11.1 | 10.0 | 1.6 | 10.4 | 500 |
| SRB-F-7 | - | Flat | SPT-1#18/3 | 3x7.6 | 12.7 | 11.6 | 1.8 | 10.2 | 500 |
| SRB-F-7 | - | Flat | HPN#18/2 | 3.8x7.1 | 12.7 | 11.6 | 1.8 | 10.2 | 500 |
| SRB-F-7 | - | Flat | HPN#16/2 | 4.1x7.6 | 12.7 | 11.6 | 1.8 | 10.2 | 500 |
| SRB-F-8 | E107293 | Flat | SPT-2 | 3.71x7.6 | 12.7 | 11.8 | 1.6 | 10.4 | 1000 |
| SRB-F-8 | E107293 | Flat | SPT-2 | 3.8x7.6 | 13.1 | 11.8 | 1.6 | 10.4 | 1000 |
| SRB-F-9 | E107293 | Flat | SPT-2 | 3.71x7.6 | 12.7 | 11.8 | 2.5 | 10.4 | 1000 |
| SRB-F-9 | E107293 | Flat | SPT-2 | 3.8x7.6 | 13.1 | 11.8 | 2.5 | 10.4 | 1000 |
| SRB-F-4 | - | Flat | SP-2,SPT-2#18/2,HPN#18/2 | 3.8x7.1 | 12.7 | 11.8 | 2.5 | 12.7 | 500 |
| SRB-F-4 | - | Flat | SP-2,SPT-2#16/2,HPN#16/2 | 4.1x7.6 | 13.1 | 11.8 | 2.5 | 12.7 | 500 |
| SRB-F-5 | - | Flat | SPT-2#18/3 | 3.8x8.6 | 14.3 | 13.5 | 3.3 | 15.2 | 500 |
| SRB-F-5 | - | Flat | HPN#16/3 | 4.1x9.4 | 14.3 | 13.5 | 3.3 | 15.2 | 500 |
| SRB-F-5 | - | Flat | SPT-3#18/2 | 4.6x8.9 | 14.3 | 13.5 | 3.3 | 15.2 | 500 |
| SRB-F-5 | - | Flat | SPT-3#16/2 | 5.1x9.4 | 14.3 | 13.5 | 3.3 | 15.2 | 500 |
| SRB-R-1 | E107293 | Round | SVI | 6.4 | 12.7 | 11.5 | 1.6 | 10.9 | 1000 |
| SRB-R-1 | E107293 | Round | SVT | 7.4 | 13.1 | 11.5 | 1.6 | 10.9 | 1000 |
| SRB-R-2 | E107293 | Round | SVI | 6.4 | 12.7 | 11.5 | 2.5 | 10.9 | 1000 |
| SRB-R-2 | E107293 | Round | SVT | 7.4 | 13.1 | 11.5 | 2.5 | 10.9 | 1000 |
| SRB-R-5 | - | Round | SV,SVT#18/2 | 6.35 | 12.7 | 11.8 | 2.5 | 10.9 | 500 |
| SRB-R-5 | - | Round | SV,SVT#18/3 | 6.73 | 13.1 | 11.8 | 2.5 | 10.9 | 500 |
| SRB-R-5 | - | Round | HPD#18/2 | 6.86 | 12.7 | 11.8 | 2.5 | 10.9 | 500 |
| SRB-R-5 | - | Round | HPD#16/2 | 7.37 | 13.1 | 11.8 | 2.5 | 10.9 | 500 |
| SRB-R-3 | E107293 | Round | SJT#18/3 | 7.6 | 15.9 | 14.0 | 1.6 | 14.8 | 500 |
| SRB-R-4 | E107293 | Round | SJT#18/3 | 7.6 | 15.9 | 14.0 | 3.2 | 14.8 | 500 |
| SRB-R-7 | E107293 | Round | SJT#16/3 | 8.2-9.2 | 15.9 | 14.0 | 1.6 | 14.8 | 500 |
| SRB-R-8 | E107293 | Round | SJT#16/3 | 8.2-9.2 | 15.9 | 14.0 | 3.2 | 14.8 | 500 |
| SRB-R-6 | - | Round | SJ,SJT,SJO#18/2 | 7.62 | 16.7 | 14.5 | 3.2 | 17.3 | 500 |
| SRB-R-6 | - | Round | SJ,SJT,SJO#16/2 | 8.26 | 16.7 | 14.5 | 3.2 | 17.3 | 500 |
| SRB-R-6 | - | Round | SJ,SJT,SJO#18/3 | 8.38 | 17.5 | 14.5 | 3.2 | 17.3 | 500 |
| SRB-R-6 | - | Round | SJ,SJT,SJO#16/3 | 9.02 | 17.5 | 14.5 | 3.2 | 17.3 | 500 |
| SRB-R-9 | E107293 | Round | SJT#14/3 | 9.2-10.5 | 19.0 | 16.5 | 1.6 | 19.1 | 100 |
| SRB-R-9 | E107293 | Round | SJT#14/3 | 11 | 19.8 | 16.5 | 1.6 | 19.1 | 100 |
| SRB-R-10 | E107293 | Round | SJT#14/3 | 9.2-10.5 | 19.0 | 16.5 | 3.2 | 19.4 | 100 |
| SRB-R-10 | E107293 | Round | SJT#14/3 | 11 | 19.8 | 16.5 | 3.2 | 19.4 | 100 |
| 23MP07W20 | - | Round | SJT #14/3,#12/3 | 9.40-10.80 | 22.2 | 19.6 | 3.2 | 19.3 | 250 |
| 23MP07W20 | - | Round | S #18/3, #16/3 | 9.91-10.92 | 22.2 | 19.6 | 3.2 | 19.3 | 250 |
| 23MP07W20 | - | Round | STO #16/2, #16/3, #18/3 | 9.91-10.92 | 22.2 | 19.6 | 3.2 | 19.3 | 250 |
| 23MP08P20 | - | Round | S #14/2, #14/3 | 13.46-15.24 | 22.2 | 21.3 | 3.2 | 20.6 | 250 |
| 23MP08P20 | - | Round | ST #12/2 | 13.46-15.24 | 22.2 | 21.3 | 3.2 | 20.6 | 250 |
| 23MP09P20 | - | Round | - | 14.48 | 27.7 | 25.4 | 7.1 | 25.1 | 100 |
| 23MP09P20 | - | Round | S #12/3 | 16.25 | 28.5 | 25.4 | 7.1 | 25.1 | 100 |
| 23MP09P20 | - | Round | S #10/2 | 16.51 | 27.7 | 25.4 | 7.1 | 25.1 | 100 |
| 23MP09P20 | - | Round | S #10/3 | 17.78 | 30.1 | 25.4 | 7.1 | 25.1 | 100 |

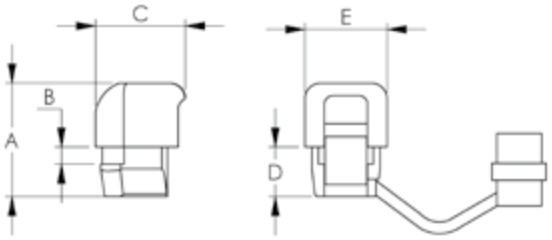
SR 6280

# Strain Relief Bushes

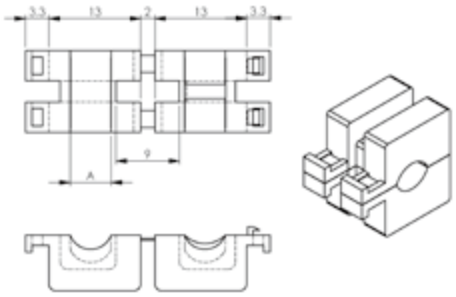
**Black Nylon 6/6 UL-94 V-2**

- Prevents strain damage to cables and equipment
- Prevents accidental disconnections
- Anchors cable to equipment
- Seals cable entry point






Type 1




Type 4

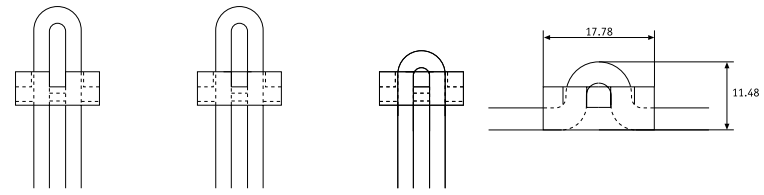
| Part Number | Dimensions (mm) | | | | | Type | Style | Max Panel Thickness | Wire Style | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | | | | | |
| XSRBRA01-01 | 14.8 | 15.4 | 4.8 | 11.1 | 13.1 | 1 | 1 | 2.5 | SV / 6 Ø | 1000 |
| XSRB10-01 | 14.8 | 15.4 | 4.8 | 11.1 | - | 1 | 3 | 1 | SJT / 10.5 Ø | 1000 |

| Part Number | Dimensions (mm) A | Panel Thickness | Style | Std Pack Qty |
|---|---|---|---|---|
| XSRBS01-01 | 5.8 | 3 | 4 | 1000 |

SR 1745

## Non-Slip Strain Relief Bushes

**Nylon 6.6 - (Heat Stabilised to UL94 V2)**




Loop wire through | Pull wire tight | Snap wire straight | Flip hinge pin through wire

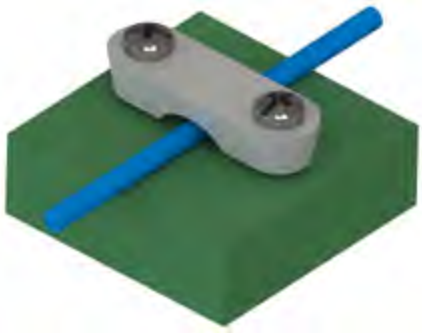


| Part Number | UL/CSA Description | Cable Diameter (mm) | Std Pack Qty |
|---|---|---|---|
| 465716 | ISR-14-27 | 3.8 x 7.1 | 1000 |

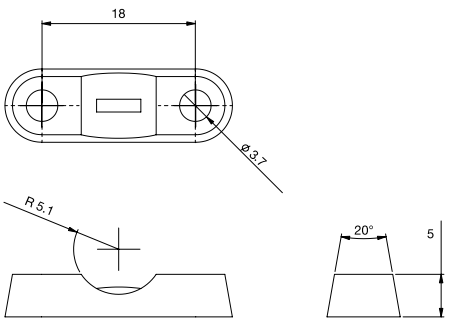
SRCC

## Strain Relief Clamp

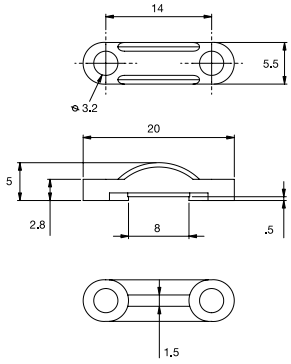
- Clamp mounts into the chassis to secure the main power cable in appliances
- Clamp provides strain relief to the cable and protects the cable from the metal cutout



Type 1




Type 2




| Part Number | Type | UL94 V2, Nylon 6/6 | Colour | Max. Cable Ø (mm) | Mounting Screws | Std Pack Qty |
|---|---|---|---|---|---|---|
| 1441741 | 1 | RMS-48 | Grey | 4.5 | M3 | 1000 |
| SRCC-2 | 2 | RMS-01 | Black | 8 | M3 | 1000 |

HMCC

# Hinged Locking Clamp

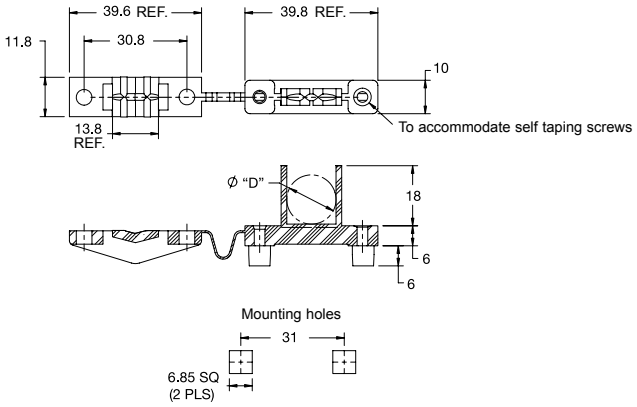
LINE EXTENSION



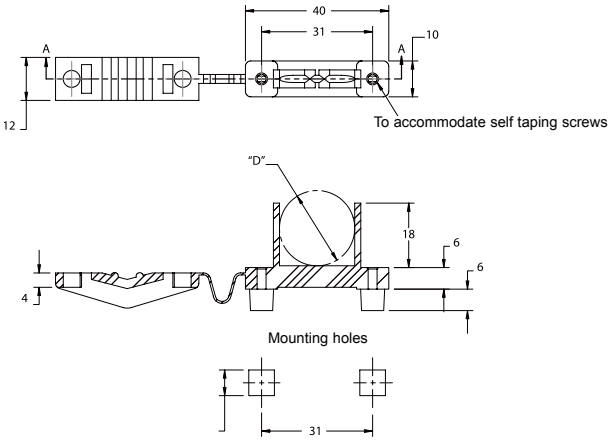
| Part Number | | Type | "D" Max. Bundle Ø (mm) | Self Tapping Mounting Screws | Mounting Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Natural UL94 V2 Nylon 6/6, RMS-01 | Black UL94 V2 Nylon 6/6, RMS-01 | | | | | |
| HMCC-1-01 | HMCC-1-19 | 1 | 15.1 | 2x #8 | 0.6-1.5 | 500 |
| HMCC-2-01 | - | 2 | 16.0 | #8 | 0.6-1.5 | 1000 |
| HMCC-3-01 | HMCC-3-19 | 3 | 20.9 | 2x M3.5, M4, #8 | 0.6-1.5 | 1000 |
| HMCC-4-01 | HMCC-4-19 | 4 | 12.0 | 1x M3.5, M4, #8 | 0.8-1.2 | 1000 |

*Available in black, numbered with BK after 01

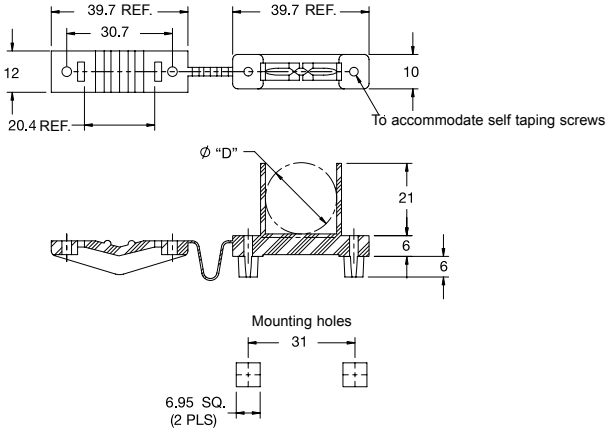
Type 1



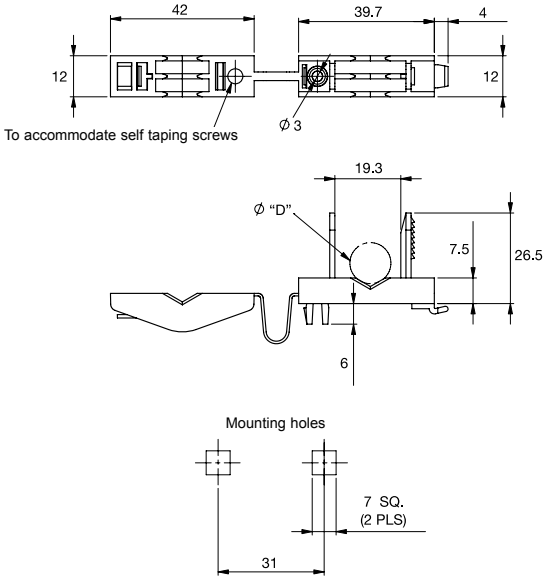

Type 2




Type 3




Type 4



PG Range

| Part Number | | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Black | Grey | | | | |
| 467362 | 467374 | PG 7.0 | 8.0 | 3.0 - 6.5 | 50 |
| 467364 | 467376 | PG 9.0 | 8.0 | 4.0 - 8.0 | 25 |
| 467366 | 467378 | PG 11.0 | 8.0 | 5.0 - 10.0 | 25 |
| 467368 | 467380 | PG 13.5 | 9.0 | 6.0 - 12.0 | 25 |
| 467370 | 467382 | PG 16.0 | 10.0 | 10.0 - 14.0 | 10 |
| 467372 | 467384 | PG 21.0 | 10.0 | 13.0 - 18.0 | 10 |

Metric Range

| Part Number | | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Black | Grey | | | | |
| 467386 | 467400 | M12 x 1.5 | 8.0 | 3.0 - 6.5 | 50 |
| 467388 | 467402 | M16 x 1.5 | 8.0 | 4.0 - 8.0 | 25 |
| 467392 | 467406 | M20 x 1.5 | 9.0 | 6.0 - 12.0 | 25 |
| 467396 | 467410 | M25 x 1.5 | 10.0 | 13.0 - 18.0 | 10 |

NPT Range

| Part Number | | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Black | Grey | | | | |
| 467414 | 467420 | 3/8" NPT | 15.0 | 4.0 - 8.0 | 50 |
| 467416 | 467422 | 1/2" NPT | 13.0 | 6.0 - 12.0 | 50 |
| 467418 | 467424 | 3/4" NPT | 15.0 | 13.0 - 18.0 | 25 |

SR 1714

## Spiral Cable Glands

**Nylon 6**

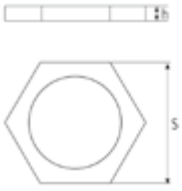
• Locknut and sealing washer available separately



SR 1741/1729

## Locknuts and Sealing Washers for Cable Glands

**Nylon 6, Brass and Neoprene**






Brass Locknut



Nylon Locknut



Washer for Nylon Gland



Washer for Brass Gland

Nylon/Neoprene

| Locknut | | | | | Washer Part Number | Std Pack Qty |
|---|---|---|---|---|---|---|
| Part Number | | Thread Size | Dimensions (mm) | | | |
| Black | Grey | | S | h | | |
| 467585 | 467741 | PG 7 | 18 | 5.0 | 467643 | 50 |
| 467586 | 467742 | PG 9 | 22.0 | 5.0 | 467644 | 50 |
| 467587 | 467743 | PG 11 | 24.0 | 5.0 | 467645 | 50 |
| 467588 | 467744 | PG 13.5 | 27.0 | 5.5 | 467646 | 50 |
| 467589 | 467745 | PG 16 | 30.0 | 6.0 | 467647 | 50 |
| 467591 | 467746 | PG 21 | 36.0 | 7.0 | 467649 | 50 |
| 467593 | 467747 | PG 29 | 45.0 | 7.0 | 467651 | 25 |
| 467594 | 467748 | PG 36 | 58.0 | 8.0 | 467652 | 10 |
| 467595 | 467749 | PG 42 | 63.0 | 8.0 | 467653 | 10 |
| 467596 | 467750 | PG 48 | 69.0 | 8.0 | 467654 | 10 |
| 467598 | 467752 | M12 x 1.5 | 18.0 | 5.0 | 467656 | 50 |
| 467600 | 467753 | M16 x 1.5 | 22.0 | 5.0 | 467658 | 50 |
| 467602 | 467754 | M20 x 1.5 | 27.0 | 5.5 | 467660 | 50 |
| 467605 | 467755 | M25 x 1.5 | 33.0 | 6.5 | 467663 | 50 |
| 467608 | 467756 | M32 x 1.5 | 39.0 | 7.0 | 467667 | 25 |
| 467610 | 467757 | M40 x 1.5 | 50.0 | 7.0 | 467669 | 10 |
| 467611 | 467758 | M50 x 1.5 | 60.0 | 8.0 | 467670 | 10 |
| 467613 | 467759 | M63 x 1.5 | 74.0 | 8.0 | 467671 | 10 |
| 467614 | - | 3/8" NPT | 24.0 | 5.0 | 467672 | 50 |
| 467615 | 467761 | 1/2" NPT | 27.0 | 7.0 | 467673 | 50 |
| 467616 | 467762 | 3/4" NPT | 33.0 | 7.0 | 467674 | 25 |
| 467617 | 467763 | 1" NPT | 40.0 | 7.0 | 467675 | 25 |

Brass/Neoprene

| Locknut | | | | Washer Part Number | Std Pack Qty |
|---|---|---|---|---|---|
| Part Number | Thread Size | Dimensions (mm) | | | |
| | | S | h | | |
| 467619 | PG 7 | 15.0 | 2.5 | 467677 | 25 |
| 467620 | PG 9 | 18.0 | 3.0 | 467678 | 25 |
| 467621 | PG 11 | 21.0 | 3.5 | 467679 | 25 |
| 467622 | PG 13.5 | 22.0 | 3.5 | 467680 | 25 |
| 467623 | PG 16 | 24.5 | 3.5 | 467681 | 25 |
| 467624 | PG 21 | 32.5 | 3.5 | 467682 | 25 |
| 467625 | PG 29 | 41.0 | 4.0 | 467683 | 10 |
| 467626 | PG 36 | 51.0 | 5.0 | 467684 | 10 |
| 467627 | PG 42 | 60.0 | 5.0 | 467685 | 10 |
| 467628 | PG48 | 64.0 | 5.0 | 467686 | 10 |
| 467629 | M12 x 1.5 | 14.0 | 2.5 | 467687 | 25 |
| 467630 | M16 x 1.5 | 18.0 | 3.0 | 467688 | 25 |
| 467632 | M20 x 1.5 | 23.5 | 3.0 | 467690 | 25 |
| 467634 | M25 x 1.5 | 29.0 | 3.5 | 467692 | 25 |
| 467635 | M32 x 1.5 | 36.0 | 4.0 | 467693 | 10 |
| 467636 | M40 x 1.5 | 46.0 | 4.5 | 467694 | 10 |
| 467637 | M50 x 1.5 | 55.0 | 5.0 | 467695 | 10 |
| 467638 | M63 x 1.5 | 70.0 | 5.5 | 467696 | 10 |
| 467639 | 3/8" NPT | 19.5 | 3.0 | - | 25 |
| 467640 | 1/2" NPT | 24.0 | 4.5 | 467698 | 25 |
| 467641 | 3/4" NPT | 31.5 | 3.5 | 467699 | 10 |
| 467642 | 1" NPT | 38.0 | 4.0 | 467700 | 10 |

**SR 1704**

# Nylon Cable Glands

**Nylon 6**

- Protection rating IP68
- Flammability rating: UL94 V2
- Locknut and sealing washer available separately



Metric Range - Long Mounting Thread

| Part Number | | Mounting Thread Size | Installation hole Diameter (mm) | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | Grey | | | | | |
| 467302 | 467324 | M12 x 1.5 | 12.0 - 12.3 | 15.0 | 3.0 - 6.5 | 50 |
| 467303 | 467325 | M12 x 1.5 | 12.0 - 12.3 | 15.0 | 2.0 - 5.0 | 50 |
| 467304 | 467326 | M16 x 1.5 | 16.0 - 16.3 | 15.0 | 4.0 - 8.0 | 50 |
| 467305 | 467327 | M16 x 1.5 | 16.0 - 16.3 | 15.0 | 2.0 - 6.0 | 50 |
| 467308 | 467330 | M20 x 1.5 | 20.0 - 20.3 | 15.0 | 6.0 - 12.0 | 50 |
| 467309 | 467331 | M20 x 1.5 | 20.0 - 20.3 | 15.0 | 5.0 - 9.0 | 50 |
| 467314 | 467336 | M25 x 1.5 | 25.0 - 25.4 | 15.0 | 13.0 - 18.0 | 50 |
| 467315 | 467337 | M25 x 1.5 | 25.0 - 25.4 | 15.0 | 9.0 - 16.0 | 50 |
| 467316 | 467338 | M32 x 1.5 | 32.0 - 32.4 | 15.0 | 18.0 - 25.0 | 25 |
| 467317 | 467339 | M32 x 1.5 | 32.0 - 32.4 | 15.0 | 13.0 - 20.0 | 25 |
| 467318 | 467340 | M40 x 1.5 | 40.0 - 40.4 | 18.0 | 22.0 - 32.0 | 10 |
| 467319 | 467341 | M40 x 1.5 | 40.0 - 40.4 | 18.0 | 20.0 - 26.0 | 10 |
| 467320 | 467342 | M50 x 1.5 | 50.0 - 50.4 | 18.0 | 32.0 - 38.0 | 10 |
| 467321 | 467343 | M50 x 1.5 | 50.0 - 50.4 | 18.0 | 25.0 - 31.0 | 10 |
| 467322 | 467344 | M63 x 1.5 | 63.0-63.4 | 18.0 | 37.0 - 44.0 | 10 |

PG Range - Standard Mounting Thread

| Part Number | | Mounting Thread Size | Installation hole Diameter (mm) | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | Grey | | | | | |
| 467152 | 467177 | PG 7 | 12.5 - 12.8 | 8.0 | 3.0 - 6.5 | 50 |
| 467153 | 467178 | PG 7 | 12.5 - 12.8 | 8.0 | 2.0 - 5.0 | 50 |
| 467154 | 467179 | PG 9 | 15.2 - 15.5 | 8.0 | 4.0 - 8.0 | 50 |
| 467155 | 467180 | PG 9 | 15.2 - 15.5 | 8.0 | 2.0 - 6.0 | 50 |
| 467156 | 467181 | PG 11 | 18.6 - 18.9 | 8.0 | 5.0 - 10.0 | 50 |
| 467157 | 467182 | PG 11 | 18.6 - 18.9 | 8.0 | 3.0 - 7.0 | 50 |
| 467158 | 467183 | PG 13.5 | 20.4 - 20.7 | 9.0 | 6.0 - 12.0 | 50 |
| 467159 | 467184 | PG 13.5 | 20.4 - 20.7 | 9.0 | 5.0 - 9.0 | 50 |
| 467160 | 467185 | PG 16 | 22.5 - 22.8 | 10.0 | 10.0 - 14.0 | 50 |
| 467161 | 467186 | PG 16 | 22.5 - 22.8 | 10.0 | 7.0 - 12.0 | 50 |
| 467164 | 467189 | PG 21 | 28.3 - 28.7 | 10.0 | 13.0 - 18.0 | 50 |
| 467165 | 467190 | PG 21 | 28.3 - 28.7 | 10.0 | 9.0 - 16.0 | 50 |
| 467168 | 467193 | PG 29 | 37.0 - 37.4 | 12.0 | 18.0 - 25.0 | 25 |
| 467169 | 467194 | PG 29 | 37.0 - 37.4 | 12.0 | 13.0 - 20.0 | 25 |
| 467170 | 467195 | PG 36 | 47.0 - 47.4 | 14.0 | 22.0 - 32.0 | 10 |
| 467171 | 467196 | PG 36 | 47.0 - 47.4 | 14.0 | 20.0 - 26.0 | 10 |
| 467174 | 467199 | PG48 | 59.3 - 59.7 | 14.0 | 34.0 - 44.0 | 10 |
| 467175 | 467200 | PG48 | 59.3 - 59.7 | 14.0 | 29.0 - 35.0 | 10 |

PG Range - Long Mounting Thread

| Part Number | | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Black | Grey | | | | |
| 467202 | 467222 | PG 7 | 15.0 | 3.0 - 6.5 | 50 |
| 467203 | 467223 | PG 7 | 15.0 | 2.0 - 5.0 | 50 |
| 467204 | 467224 | PG 9 | 15.0 | 4.0 - 8.0 | 50 |
| 467205 | 467225 | PG 9 | 15.0 | 2.0 - 6.0 | 50 |
| 467206 | 467226 | PG 11 | 15.0 | 5.0 - 10.0 | 50 |
| 467207 | 467227 | PG 11 | 15.0 | 3.0 - 7.0 | 50 |
| 467208 | 467228 | PG 13.5 | 15.0 | 6.0 - 12.0 | 50 |
| 467209 | 467229 | PG 13.5 | 15.0 | 5.0 - 9.0 | 50 |
| 467212 | 467232 | PG 21 | 15.0 | 13.0 - 18.0 | 50 |
| 467213 | 467233 | PG 21 | 15.0 | 9.0 - 16.0 | 50 |
| 467214 | 467234 | PG 29 | 18.0 | 18.0 - 25.0 | 25 |
| 467215 | 467235 | PG 29 | 18.0 | 13.0 - 20.0 | 25 |
| 467216 | 467236 | PG 36 | 18.0 | 22.0 - 32.0 | 10 |
| 467218 | 467238 | PG 42 | 18.0 | 32.0 - 38.0 | 10 |
| 467220 | 467240 | PG 48 | 18.0 | 37.0 - 44.0 | 10 |
| 467221 | 467241 | PG48 | 18.0 | 29.0-35.0 | 10 |

NPT Range

| Part Number | | Mounting Thread Size | Installation hole Diameter (mm) | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | Grey | | | | | |
| 467346 | 467354 | 3/8" NPT | 17.0 - 17.4 | 15.0 | 4.0 - 8.0 | 50 |
| 467347 | 467355 | 3/8" NPT | 17.0 - 17.4 | 15.0 | 2.0 - 6.0 | 50 |
| 467348 | 467356 | 1/2" NPT | 22.0 - 22.3 | 13.0 | 6.0 - 12.0 | 50 |
| 467349 | 467357 | 1/2" NPT | 22.0 - 22.3 | 13.0 | 5.0 - 9.0 | 50 |
| 467350 | 467358 | 3/4" NPT | 27.0 - 27.3 | 15.0 | 13.0 - 18.0 | 25 |
| 467351 | 467359 | 3/4" NPT | 27.0 - 27.3 | 15.0 | 9.0 - 16.0 | 25 |
| 467352 | 467360 | 1" NPT | 34.0 - 34.4 | 16.0 | 18.0 - 25.0 | 25 |
| 467353 | 467361 | 1"NPT | 34.0 - 34.4 | 16.0 | 13.0 - 20.0 | 25 |

Metric Range - Standard Mounting Thread

| Part Number | | | | | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | Grey | White | Blue | Red | | | | |
| 467242 | 467272 | - | - | - | M12 x 1.5 | 8.0 | 3.0 - 6.5 | 50 |
| 467243 | 467273 | - | - | - | M12 x 1.5 | 8.0 | 2.0 - 5.0 | 50 |
| 467246 | 467276 | - | - | - | M16 x 1.5 | 8.0 | 4.0 - 8.0 | 50 |
| 467247 | 467277 | - | - | - | M16 x 1.5 | 8.0 | 2.0 - 6.0 | 50 |
| 467250 | 467280 | 467250-W | 467250-B | 467250-R | M20 x 1.5 | 9.0 | 6.0 - 12.0 | 50 |
| 467251 | 467281 | 467251-W | 467251-B | 467251-R | M20 x 1.5 | 9.0 | 5.0 - 9.0 | 50 |
| 467256 | 467286 | 467256-W | 467256-B | 467256-R | M25 x 1.5 | 10.0 | 13.0 - 18.0 | 50 |
| 467257 | 467287 | 467257-W | 467257-B | 467257-R | M25 x 1.5 | 10.0 | 9.0 - 16.0 | 50 |
| 467262 | 467292 | - | - | - | M32 x 1.5 | 11.0 | 16.0 - 21.0 | 25 |
| 467263 | 467293 | - | - | - | M32 x 1.5 | 11.0 | 13.0 - 18.0 | 25 |
| 467266 | 467296 | - | - | - | M40 x 1.5 | 14.0 | 22.0 - 32.0 | 10 |
| 467267 | 467297 | - | - | - | M40 x 1.5 | 14.0 | 20.0 - 26.0 | 10 |
| 467268 | 467298 | - | - | - | M50 x 1.5 | 14.0 | 32.0 - 38.0 | 10 |
| 467269 | 467299 | - | - | - | M50 x 1.5 | 14.0 | 25.0 - 31.0 | 10 |
| 467270 | 467300 | - | - | - | M63 x 1.5 | 14.0 | 37.0 - 44.0 | 10 |
| 467271 | 467301 | - | - | - | M63 x 1.5 | 14.0 | 29.0 - 35.0 | 10 |

SR 1717

## Brass Cable Glands

**Nickel Plated Brass**

- Protection Rating IP68
- Locknut and sealing washer available separately
- Operating temperature range: -20°C to + 85°C
- CE approved



Metric Range

| Part Number | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| 467509 | M12 x1.5 | 5.0 | 3.0 - 6.5 | 25 |
| 467510 | M12 x1.5 | 5.0 | 2.0 - 5.0 | 25 |
| 467511 | M16 x1.5 | 6.0 | 4.0 - 8.0 | 25 |
| 467512 | M16 x1.5 | 6.0 | 2.0 - 6.0 | 25 |
| 467515 | M20 x1.5 | 6.5 | 6.0 - 12.0 | 25 |
| 467516 | M20 x1.5 | 6.5 | 5.0 - 9.0 | 25 |
| 467519 | M25 x1.5 | 7.0 | 13.0 - 18.0 | 25 |
| 467520 | M25 x1.5 | 7.0 | 9.0 - 16.0 | 25 |
| 467521 | M32 x1.5 | 8.0 | 13.0 - 20.0 | 10 |
| 467523 | M40 x1.5 | 8.0 | 22.0 - 32.0 | 10 |
| 467524 | M40 x1.5 | 8.0 | 20.0 - 26.0 | 10 |
| 467525 | M50 x1.5 | 9.0 | 32.0 - 38.0 | 10 |
| 467526 | M50 x1.5 | 9.0 | 25.0 - 31.0 | 10 |
| 467527 | M63 x1.5 | 10.0 | 37.0 - 44.0 | 10 |
| 467528 | M63 x1.5 | 10.0 | 29.0 - 35.0 | 10 |

NPT Range

| Part Number | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| 467529 | ⅜" NPT | 15.0 | 4.0 - 8.0 | 25 |
| 467530 | ⅜" NPT | 15.0 | 2.0 - 6.0 | 25 |
| 467531 | ½" NPT | 13.0 | 6.0 - 12.0 | 25 |
| 467532 | ½" NPT | 13.0 | 5.0 - 9.0 | 25 |
| 467533 | ¾" NPT | 13.0 | 13.0 - 18.0 | 10 |
| 467534 | ¾" NPT | 13.0 | 9.0 - 16.0 | 10 |
| 467535 | 1" NPT | 19.0 | 18.0 - 25.0 | 10 |
| 467536 | 1" NPT | 19.0 | 13.0 - 20.0 | 10 |

PG Range

| Part Number | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| 467489 | PG 7 | 5.0 | 3.0 - 6.5 | 25 |
| 467490 | PG 7 | 5.0 | 2.0 - 5.0 | 25 |
| 467491 | PG 9 | 6.0 | 4.0 - 8.0 | 25 |
| 467492 | PG 9 | 6.0 | 2.0 - 6.0 | 25 |
| 467493 | PG 11 | 6.0 | 5.0 - 10.0 | 25 |
| 467494 | PG 11 | 6.0 | 3.0 - 7.0 | 25 |
| 467495 | PG 13.5 | 6.5 | 6.0 - 12.0 | 25 |
| 467496 | PG 13.5 | 6.5 | 5.0 - 9.0 | 25 |
| 467497 | PG 16 | 6.5 | 10.0 - 14.0 | 25 |
| 467498 | PG 16 | 6.5 | 7.0 - 12.0 | 25 |
| 467499 | PG 21 | 7.0 | 13.0 - 18.0 | 25 |
| 467500 | PG 21 | 7.0 | 9.0 - 16.0 | 25 |
| 467501 | PG 29 | 8.0 | 18.0 - 25.0 | 10 |
| 467502 | PG 29 | 8.0 | 13.0 - 20.0 | 10 |
| 467503 | PG 36 | 8.0 | 22.0 - 32.0 | 10 |
| 467504 | PG 36 | 8.0 | 20.0 - 26.0 | 10 |
| 467505 | PG 42 | 9.0 | 32.0 - 38.0 | 10 |
| 467506 | PG 48 | 10.0 | 37.0 - 44.0 | 10 |

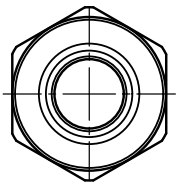
SR 6462

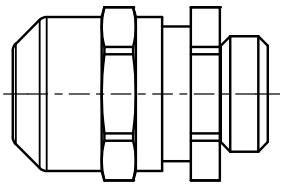
## Stainless Steel Cable Glands

**Stainless Steel A2 (AISI 303)**

- Protection class to EN 60 529: IP 68 to 5 bar (30 min)
- Protection class to DIN 40 050-T9: IP 69K
- Temperature range: -40°C to 100°C, interm. Up to approx. 120°C
- Gasket: EPDM







Metric Range

| Part Number | Mounting Thread Size | Mounting Thread Length (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| 551786 | M12 x 1.5 | 5 | 3.0-7.0 | 10 |
| 551787 | M16 x 1.5 | 5 | 4.5-10.0 | 10 |
| 551788 | M20 x 1.5 | 6 | 6.0-13.0 | 10 |
| 551789 | M25 x 1.5 | 7 | 9.0-17.0 | 10 |
| 551790 | M32 x 1.5 | 8 | 13.0-21.0 | 5 |
| 551791 | M40 x 1.5 | 8 | 16.0-28.0 | 5 |
| 551792 | M50 x 1.5 | 9 | 21.0-35.0 | 2 |
| 551793 | M63 x 1.5 | 10 | 34.0-48.0 | 1 |

SR 6464

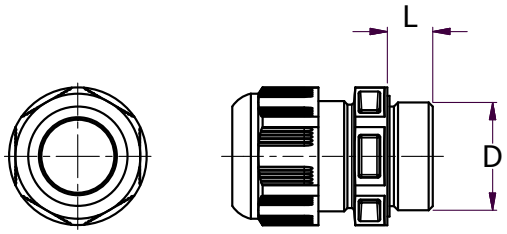
## ATEX Low Voltage Cable Glands

**Polyamide**

- For Intrinsic Safety
- Explosion protection: II 2 G Ex e II II 2 D Ex tD A21 IP68
- Certification: PTB 05 ATEX 1068 X
- Protection class to EN 60 529: IP68
- Protection class to DIN 40 050-T9: IP 69K
- Flame Protection: Glow wire test 750°C acc. To EN 60695-2-11
- Temperature range: -40° to 75°C



| Part Number | D (mm) | L (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| 551801 | M16 x 1.5 | 9.0 | 4.0-9.0 | 50 |
| 551802 | M20 x 1.5 | 10.0 | 6.0-13.0 | 50 |
| 551803 | M25 x 1.5 | 10.0 | 7.0-17.0 | 50 |
| 551804 | M32 x 1.5 | 12.0 | 13.0-21.0 | 25 |
| 551805 | M40 x 1.5 | 12.0 | 17.0-28.0 | 10 |
| 551806 | M50 x 1.5 | 14.0 | 23.0-25.0 | 4 |
| 551807 | M63 x 1.5 | 15.0 | 34.0-48.0 | 1 |




SR 6463

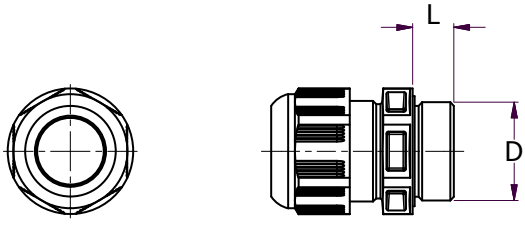
## ATEX Cable Glands

**Black Polyamide**

- For Increased Safety
- Explosion protection: II 2 G Ex e II II 2 D Ex tD A21 IP68
- Certification: PTB 05 ATEX 1068 X
- Protection class to EN 60 529: IP68 5bar (30min)
- Protection class to DIN 40 050-T9: IP 69K
- Flame Protection: Glow wire test 750°C acc. To EN 60695-2-11
- Temperature range: -40° to 75°C



| Part Number | D (mm) | L (mm) | Cable Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| 551794 | M16 x 1.5 | 9.0 | 4.0-9.0 | 50 |
| 551795 | M20 x 1.5 | 10.0 | 6.0-13.0 | 50 |
| 551796 | M25 x 1.5 | 10.0 | 7.0-17.0 | 50 |
| 551797 | M32 x 1.5 | 12.0 | 13.0-21.0 | 25 |
| 551798 | M40 x 1.5 | 12.0 | 17.0-28.0 | 10 |
| 551799 | M50 x 1.5 | 14.0 | 23.0-25.0 | 4 |
| 551800 | M63 x 1.5 | 15.0 | 34.0-48.0 | 1 |



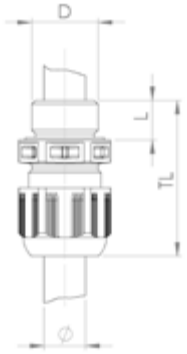
SR 6462

# Multi Slot Cable Glands

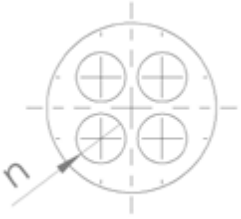
**Polyamide, EPDM**

- Multiple cable slots
- Moulded sealing washer
- Protection class to EN 60 529: IP 68 to 5 bar (30 min)
- Temperature Range -40°C to 100°C

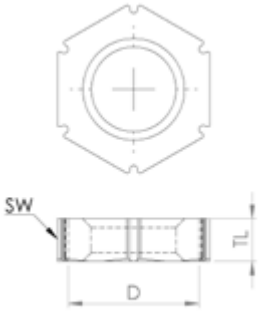









Item A

Cable Gland Body Polyamide

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | Colour | L | TL | Cable Dia. | |
| 550911 | Metric M12 x 1.5 | Grey RAL7035 | 9 | 29-34 | 3-7 | 50 |
| 550917 | Metric M16 x 1.5 | Grey RAL7035 | 9 | 31-37 | 4.5-10 | 50 |
| 550923 | Metric M20 x 1.5 | Grey RAL7035 | 10 | 36-45 | 6-13 | 50 |
| 550930 | Metric M25 x 1.5 | Grey RAL7035 | 10 | 38-47 | 9-17 | 50 |
| 550937 | Metric M32 x 1.5 | Grey RAL7035 | 10 | 42-51 | 13-21 | 25 |
| 550912 | Metric M12 x 1.5 | Black RAL9005 | 9 | 29-34 | 3-7 | 50 |
| 550918 | Metric M16 x 1.5 | Black RAL9005 | 9 | 31-37 | 4.5-10 | 50 |
| 550924 | Metric M20 x 1.5 | Black RAL9005 | 10 | 36-45 | 6-13 | 50 |
| 550931 | Metric M25 x 1.5 | Black RAL9005 | 10 | 38-47 | 9-17 | 50 |
| 550938 | Metric M32 x 1.5 | Black RAL9005 | 10 | 42-51 | 13-21 | 25 |
| 550944 | Metric M40 x 1.5 | Black RAL9005 | 12 | 52-65 | 16-28 | 10 |

Item B

Slotted Sealing Insert

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | D | No of Conductors | Cable Dia. | |
| 550915 | M12 x 1.5 | 2 | 1-2 | 10 |
| 550916 | M12 x 1.5 | 4 | 0.5-2 | 10 |
| 550921 | M16 x 1.5 | 2 | 2-4 | 10 |
| 550922 | M16 x 1.5 | 3 | 1-2.1 | 10 |
| 550927 | M20 x 1.5 | 2 | 4-6 | 10 |
| 550928 | M20 x 1.5 | 3 | 2.5-4 | 10 |
| 550934 | M25 x 1.5 | 2 | 5-7 | 10 |
| 550935 | M25 x 1.5 | 3 | 5-7 | 10 |
| 550936 | M25 x 1.5 | 4 | 4-6 | 10 |
| 550941 | M32 x 1.5 | 3 | 6-8 | 10 |
| 550942 | M32 x 1.5 | 4 | 5-7 | 10 |

Item C

Lock Nut Polyamide

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | D | Colour | TL | |
| 550913 | Metric M12 x 1.5 | Grey RAL7035 | 5 | 50 |
| 550919 | Metric M16 x 1.5 | Grey RAL7035 | 5 | 50 |
| 550925 | Metric M20 x 1.5 | Grey RAL7035 | 5 | 50 |
| 550932 | Metric M25 x 1.5 | Grey RAL7035 | 5 | 50 |
| 550939 | Metric M32 x 1.5 | Grey RAL7035 | 6 | 25 |
| 550914 | Metric M12 x 1.5 | Black RAL9005 | 5 | 50 |
| 550920 | Metric M16 x 1.5 | Black RAL9005 | 5 | 50 |
| 550926 | Metric M20 x 1.5 | Black RAL9005 | 5 | 50 |
| 550933 | Metric M25 x 1.5 | Black RAL9005 | 5 | 50 |
| 550940 | Metric M32 x 1.5 | Black RAL9005 | 6 | 25 |

Not Sold Separately

Complete Assembly - ItemA + ItemB + Item C

SR 6266

# EMC Cable Glands

**Nickel Plated Brass**

- Metric Threads
- Specially constructed to terminate shielded cables to maintain screening
- Protection class to EN 60 529: IP 68 to 5 bar (30 min)
- Temperature Range -20°C to 100°C
- Reduces radiated EMI noise from equipment
- Available in basic and advanced versions
- Lock Nut sold seperately





Contact Cone



Advanced Gland Body

Advanced EMC Gland- Contact Cone: Type 2

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Cable Range | D- Thread Type | L- Overall Length | TL- Thread Length | SW - Width Across Flats | |
| 551239 | 3-7 | M12 x 1.5 | 5 | 30 | 16 | 50 |
| 551240 | 4.5-10 | M16 x 1.5 | 6 | 34 | 20 | 50 |
| 551241 | 6-13 | M20 x 1.5 | 6 | 37 | 24 | 50 |
| 551242 | 9-17 | M25 x 1.5 | 7 | 42 | 29 | 50 |
| 551243 | 13-21 | M32 x 1.5 | 8 | 44 | 36 | 25 |



Spiked Lock Nut - Type 2

Lock Nuts

| Part Number | Dimensions (mm) | | | Type | Std Pack Qty |
|---|---|---|---|---|---|
| | D- Thread Type | SW - Width Across Flats | TL- Thread Length | | |
| 551233 | M12 x 1.5 | 15 | 4.7 | 2 | 50 |
| 551234 | M16 x 1.5 | 19 | 4.7 | 2 | 50 |
| 551235 | M20 x 1.5 | 24 | 4.7 | 2 | 50 |
| 551236 | M25 x 1.5 | 30 | 5.2 | 2 | 50 |
| 551237 | M32 x 1.5 | 36 | 5.7 | 2 | 25 |

SR 6260

# Vent Plugs

**Polyamide PA 6-V2, Acrylic Co-Polymer, Nitrile Rubber**

- Allows air pass through the vent but blocks moisture and dust.
- Prevents pressure build up within enclosures
- Prevents seal failures or access problems due to pressure differentials
- Available in three different permeabilities

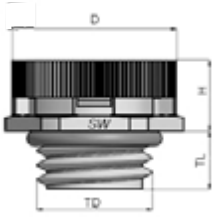



Fig 1




Fig 3

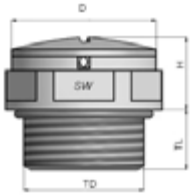



Fig 6

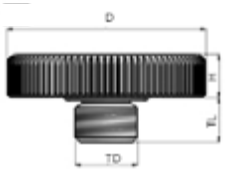



Fig 8

| Part Number | | Mounting Style | Hole Ø | Permeability at 70mBar Ltr/Hr | Dimensions (mm) | | | Fig | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Grey RAL 7001 | Black RAL 9005 | | | | TL | H | D | | |
| 34002733E | 34002747E | Short Thread | M12X1,5 | 25 | 6 | 7.5 | 17 | 1 | 100 |
| 34002736E | 34002750E | Short Thread | M12X1,5 | 120 | 10 | 12.5 | 24 | 6 | 100 |
| 34002737E | 34002751E | Short Thread | M16X1,5 | 120 | 10 | 12.5 | 24 | 6 | 100 |
| 34002738E | 34002752E | Short Thread | M20X1,5 | 120 | 10 | 12.5 | 24 | 6 | 100 |
| 34002754E | 34002768E | Short Thread | M12X1,5 | 120 | 6 | 7.5 | 17 | 1 | 100 |
| 34002757E | 34002771E | Short Thread | M12X1,5 | 450 | 10 | 12.5 | 24 | 6 | 100 |
| 34002758E | 34002772E | Short Thread | M16X1,5 | 450 | 10 | 12.5 | 24 | 6 | 100 |
| 34002759E | 34002773E | Short Thread | M20X1,5 | 450 | 10 | 12.5 | 24 | 6 | 100 |
| 34002775E | 34002789E | Short Thread | M12X1,5 | 300 | 6 | 7.5 | 17 | 1 | 100 |
| 34002778E | 34002792E | Short Thread | M12X1,5 | 750 | 10 | 12.5 | 24 | 6 | 100 |
| 34002779E | 34002793E | Short Thread | M16X1,5 | 750 | 10 | 12.5 | 24 | 6 | 100 |
| 34002780E | 34002794E | Short Thread | M20X1,5 | 750 | 10 | 12.5 | 24 | 6 | 100 |

Stainless Steel, Acrylic Co -Polymer

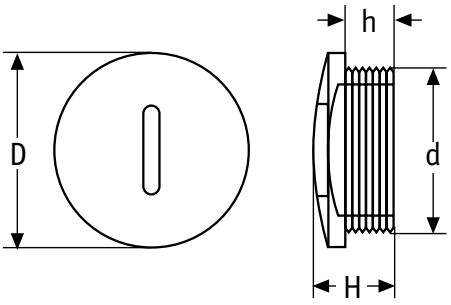
| Part Number | Mounting Style | Dimensions (mm) | | | | | Fig | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | Hole Ø | Permeability at 70mBar Ltr/Hr | TL | H | D | | |
| 34002796E | Short Thread | M4x0.7 | 35 | 7 | 3.1 | 12.3 | 8 | 100 |
| 34002798E | Short Thread | M12x1.5 | 25 | 6 | 15.2 | 17 | 3 | 100 |
| 34002799E | Short Thread | M16x1.5 | 25 | 6 | 12.4 | 17 | 3 | 100 |
| 34002801E | Short Thread | M20x1.5 | 120 | 6 | 13.5 | 17 | 3 | 100 |

SR 1782

# Cable Gland Covers

**Grey Nylon 6.6 and Brass**

- To block entry holes for cable glands when not in use






Nylon PG Thread Range

| Part Number | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | Grey | d | D | H | h | |
| 467427 | 467437 | PG 7 | 15.0 | 12.5 | 8.5 | 50 |
| 467428 | 467438 | PG 9 | 19.0 | 13.0 | 8.5 | 50 |
| 467429 | 467439 | PG 11 | 22.0 | 13.0 | 9.0 | 50 |
| 467430 | 467440 | PG 13.5 | 25.0 | 13.0 | 9.0 | 50 |
| 467431 | 467441 | PG 16 | 27.0 | 15.0 | 10.5 | 50 |
| 467432 | 467442 | PG 21 | 33.0 | 13.5 | 8.5 | 50 |
| 467433 | 467443 | PG 29 | 44.0 | 16.0 | 11.5 | 25 |
| 467434 | 467444 | PG 36 | 55.0 | 18.0 | 13.5 | 25 |
| 467435 | 467445 | PG 42 | 62.0 | 18.5 | 13.5 | 25 |
| 467436 | 467446 | PG 48 | 68.0 | 19.5 | 14.5 | 25 |

Brass PG Thread Range

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | D | H | h | |
| 467469 | PG 7 | 14.0 | 8.0 | 5.5 | 50 |
| 467470 | PG 9 | 17.0 | 9.0 | 6.0 | 50 |
| 467471 | PG 11 | 20.0 | 9.0 | 6.0 | 50 |
| 467472 | PG 13.5 | 22.0 | 9.5 | 6.5 | 50 |
| 467473 | PG 16 | 24.0 | 9.5 | 6.5 | 50 |

Nylon Metric Thread Range

| Part Number | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | Grey | d | D | H | h | |
| 467447 | 467458 | M12 x 1.5 | 15.0 | 12.5 | 8.5 | 50 |
| 467448 | 467459 | M16 x 1.5 | 19.0 | 13.0 | 8.5 | 50 |
| 467450 | 467461 | M20 x 1.5 | 25.0 | 13.0 | 9.0 | 50 |
| 467452 | 467463 | M25 x 1.5 | 30.0 | 15.5 | 10.5 | 50 |
| 467454 | 467465 | M32 x 1.5 | 38.0 | 16.0 | 10.5 | 25 |
| 467455 | 467466 | M40 x 1.5 | 46.0 | 16.0 | 11.5 | 25 |
| 467456 | 467467 | M50 x 1.5 | 56.0 | 18.0 | 13.5 | 25 |
| 467457 | 467468 | M63 x 1.5 | 68.0 | 19.0 | 14.0 | 25 |

Brass Metric Thread Range

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | D | H | h | |
| 467479 | M12 x 1.5 | 14.0 | 8.0 | 5.0 | 50 |
| 467480 | M16 x 1.5 | 18.0 | 9.0 | 6.0 | 50 |
| 467482 | M20 x 1.5 | 22.0 | 9.5 | 6.5 | 50 |
| 467484 | M25 x 1.5 | 28.0 | 11.0 | 7.0 | 50 |
| 467485 | M32 x 1.5 | 35.0 | 12.0 | 8.0 | 25 |
| 467486 | M40 x 1.5 | 44.0 | 15.0 | 9.0 | 25 |
| 467487 | M50 x 1.5 | 54.0 | 16.0 | 10.0 | 25 |
| 467488 | M63 x 1.5 | 70.0 | 16.0 | 10.0 | 25 |

ESSENTRA COMPONENTS

# THOUSANDS OF **FERRITE CORES** IN STOCK

Protect your electrical components and prevent interference. Whether you're in the MATV & CATV industries, or need EMI suppression on ribbon cable applications we've got thousands of ferrite cores in stock today!





FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.



# EMI SUPPRESSION FERRITE CORES


Round Cable Cores - Split

320-324



Round Cable Cores - Sleeve

325-332



Toroid Cores

333-340



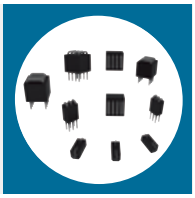
Flat Cable Cores

341-346



Inline Beads

347-349



## General Features

### Split Ferrite Cores

These products are used as suppression cores for round cable and are available for a wide range of cable diameters. The A5 material cores are installed around a cable and attenuate any form of EMI emission. The nylon case simplifies assembly of the core in equipment where retrofit and testing is a necessity. The split ferrite cores with plastic casing allows protection against unwanted EMI radiation in digital equipment such as personal computers, word processors, fax machines, display equipment, photocopiers and computer consoles. This protection ensures immunity against transmission and other types of noise in such equipment which is essential.

### Solid Ferrite Cores

Bead cores are a broad selection of shielding beads that guarantee impedance specifications over a wide frequency range. The RRH series of bead cores mainly have applications on wire assemblies and the MATV CATV industries. The ring configuration of the RT series provides greater utilisation of the ferrite material properties. The RT type ferrite cores can be used for a wide frequency range and is mainly used as a multi-turn suppression core.

### Flat Cable Suppression Cores

The family of Flat cable suppression cores are used to attenuate irradiated or conducted EMI noise on ribbon cables.

### Bead Cores & Multiline Beads

Ferrite bead cores are available in axial configuration. The bead cores Taped ferrite bead cores are available for “pick and place”.

### Ferrite Standard Characteristics Materials

| Property<br>Unit<br>Symbol | Initial Permeability<br>ui | Curie Temperature<br>°C<br>Tc | Specific Gravity<br>g/cm3<br>d | Loss Factor @ FREQUENCY<br>10-6MHz<br>1/uiQ | Temp. Coef. of Initial Permeability<br>20~70 °C<br>10-6 °C<br>a u ir |
|---|---|---|---|---|---|
| A6 | 1800±25% | >100 | 4.7 | 75 (0.5) | 0-3 |
| A5 | 1000±25% | >130 | 4.8 | 280 (1.0) | 2-5 |
| K5B | 700±25% | >140 | 4.8 | 250 (1.0) | 0-7 |

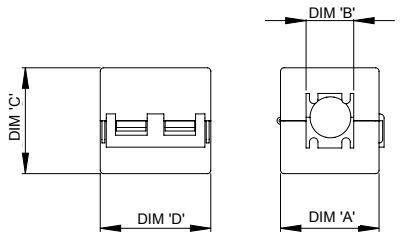
- Permeability: The permeability of a magnetic core material is the core material's ability to concentrate lines of magnetic flux
- Curie Temperature: The temperature above which a ferrite core loses its magnetic properties.

RKCF

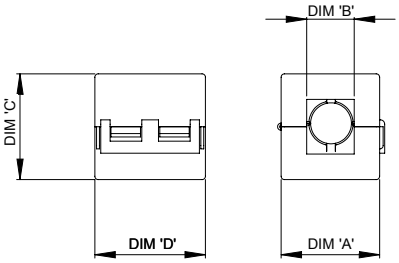
# Round Cable Suppression Cores with Plastic Casing

**Ferrite Material: A5 RMS-303**

**Casing Material: Black Nylon 6/6 RMS-244**




Type 1

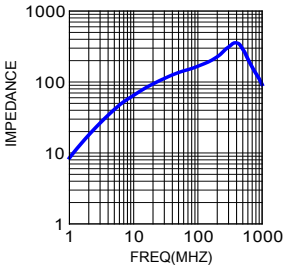



Type 2

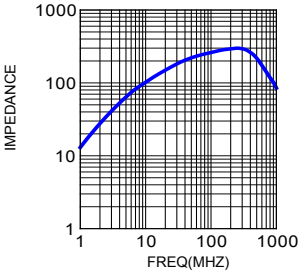


| Part Number | Applicable Cable Max. | Type | Dimensions (mm) | | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | 25MHz | 100MHz | |
| RKCF-05-A5 | 5 | 1 | 15 | 6 | 14 | 23 | 105 | 170 | 104 |
| RKCF-06-A5 | 6.5 | 1 | 20.5 | 7.5 | 20 | 33 | 180 | 275 | 56 |
| RKCF-08-A5 | 8 | 2 | 20.5 | 7.5 | 20 | 33 | 130 | 260 | 56 |
| RKCF-10-A5 | 10 | 1 | 25.5 | 11.5 | 23.5 | 32.5 | 130 | 240 | 48 |
| RKCF-13-A5 | 13 | 1 | 31.5 | 14 | 31 | 32.5 | 150 | 250 | 32 |
| Standard Pack sizes may vary | | | | | | | | | |

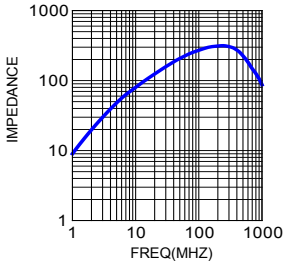
RKCF-05-A5



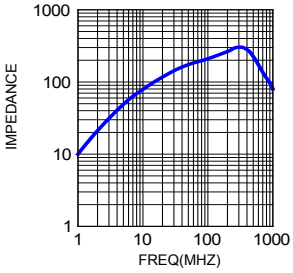

RKCF-06-A5



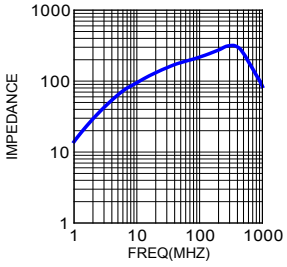

RKCF-08-A5




RKCF-10-A5




RKCF-13-A5



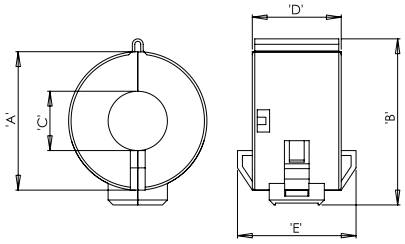
RRC

# Round Cable Suppression Cores with Plastic Casing

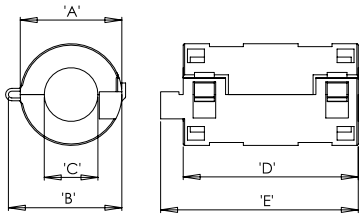
**Ferrite Material: K5B RMS-303**

**Casing Material: Black Nylon 6/6 RMS-244**

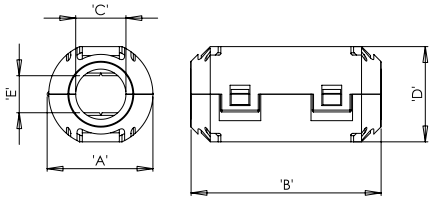




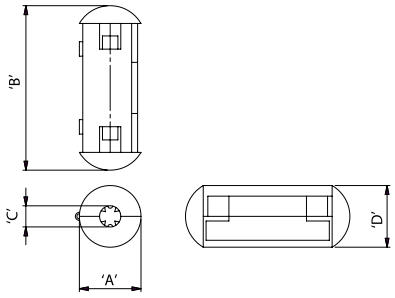

Type 1



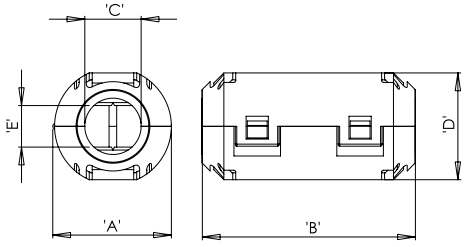

Type 2




Type 3




Type 4

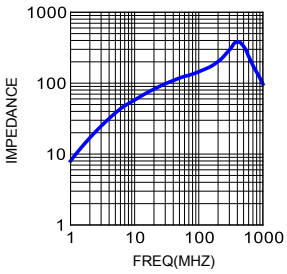



Type 5

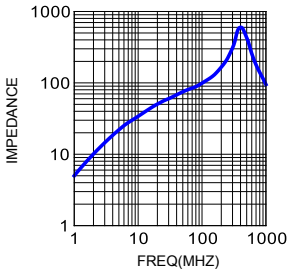
| Part Number | Applicable Cable Max. | Type | Dimensions (mm) | | | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | 25MHz | 100MHz | |
| RRC-10-5-20-M | 3.5 | 3 | 13.00 | 12.00 | 5.00 | 25.50 | 2.40 | 93 | 158 | 60 |
| RRC-12-7-15-M | 7 | 2 | 14.00 | 15.50 | 7.00 | 18.00 | 22.00 | 47 | 101 | 150 |
| RRC-13-7-23-M | 4 | 3 | 17.00 | 15.00 | 7.00 | 30.00 | 3.00 | 115 | 180 | 36 |
| RRC-14-7-28-M | 7 | 4 | 20.00 | 20.00 | 8.50 | 39.00 | - | 150 | 260 | 50 |
| RRC-16-8-13-M | 8 | 1 | 19.50 | 23.00 | 8.00 | 17.00 | 23.00 | 60 | 120 | 80 |
| RRC-16-8-16-M | 8 | 1 | 19.20 | 23.40 | 8.20 | 20.00 | 26.10 | 75 | 160 | 40 |
| RRC-16-8-28-M | 8 | 2 | 19.50 | 20.00 | 9.50 | 31.00 | 35.00 | 130 | 200 | 32 |
| RRC-16-9-28-M1 | 9 | 2 | 19.50 | 20.00 | 9.50 | 31.00 | 35.00 | 120 | 190 | 50 |
| RRC-16-9-28-M2 | 9 | 3 | 20.00 | 18.00 | 9.50 | 36.00 | 6.50 | 120 | 190 | 50 |
| RRC-17-11-28-M | 11 | 2 | 20.50 | 20.50 | 11.00 | 31.50 | 36.00 | 97 | 207 | 50 |
| RRC-20-10-10-M | 10 | 1 | 24.50 | 28.50 | 10.20 | 13.50 | 20.00 | 270 | 560 | 44 |
| RRC-20-13-30-M | 12 | 3 | 23.00 | 22.00 | 13.50 | 36.00 | 10.00 | 90 | 140 | 80 |
| RRC-20-5-30-M | 4 x 1.5 | 5 | 23.00 | 22.00 | 5.00 | 36.00 | 10.00 | 50 | 105 | 80 |
| RRC-24-11-14-M | 11.5 | 1 | 28.00 | 31.50 | 11.50 | 18.00 | 24.00 | 70 | 140 | 40 |
| RRC-25-15-12-M | 15 | 1 | 29.00 | 33.00 | 15.00 | 15.50 | 21.50 | 45 | 100 | 36 |
| RRC-26-13-30-M | 13 | 2 | 30.75 | 31.00 | 13.00 | 34.00 | 39.00 | 140 | 225 | 20 |

Standard Pack sizes may vary

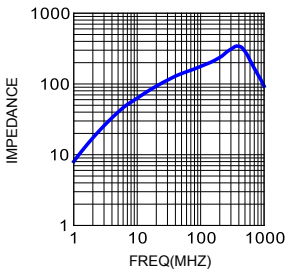
RRC-10-5-20-M



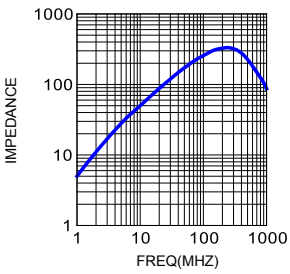

RRC-12-7-15-M



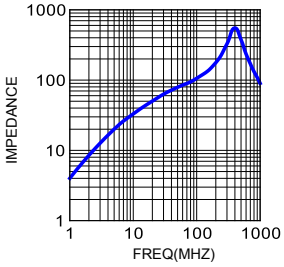

RRC-13-7-23-M



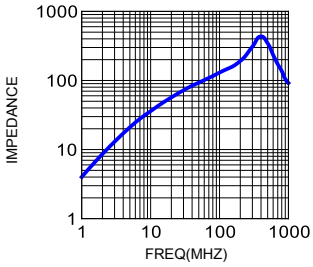

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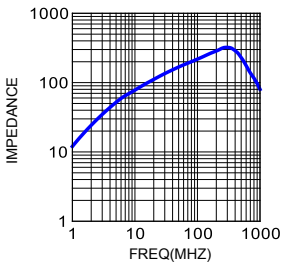

RRC-16-8-13-M



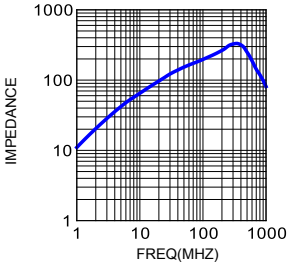

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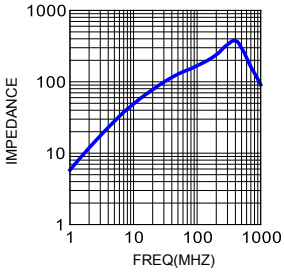

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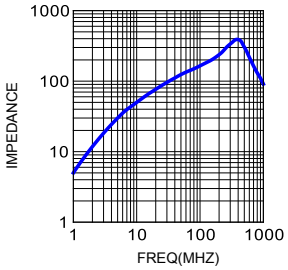

RRC-16-9-28-M1



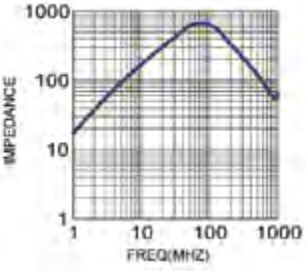

RRC-16-9-28-M2



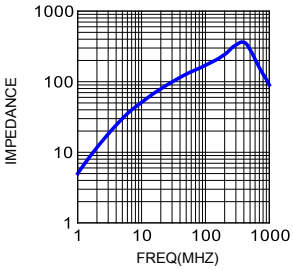

RRC-17-11-28-M



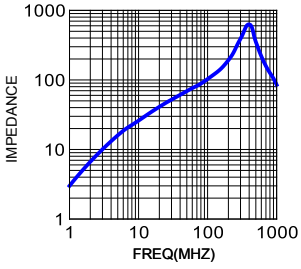

RRC-20-5-30-M



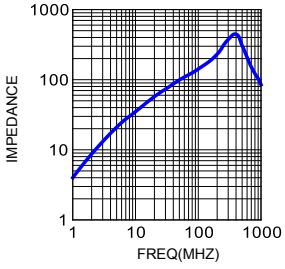

RRC-20-13-30-M



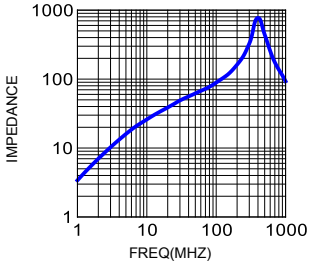

RRC-20-10-10-M



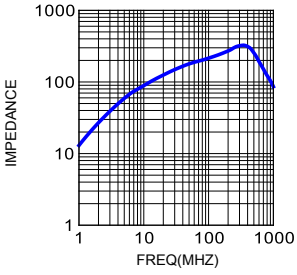

RRC-24-11-14-M




RRC-25-15-12-M




RRC-26-13-30-M



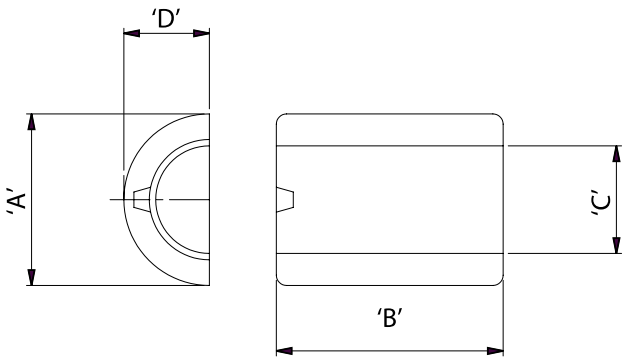
RRC

# Round Cable Suppression Cores Split

**Ferrite Material: K5B RMS-303**

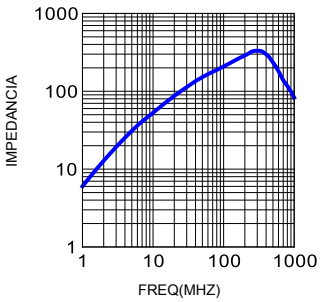
- Pack quantity = two half cores






| Part Number | Applicable Cable Max. | Dimensions (mm) | | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | 25MHz | 100MHz | |
| RRC-17-9-28 | 9 | 17.50 | 28.50 | 9.50 | 8.75 | 98 | 160 | 80 |
| Standard Pack sizes may vary | | | | | | | | |

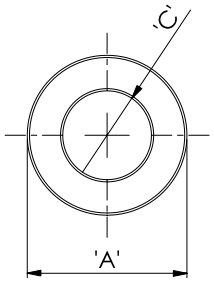
RRC-17-9-28

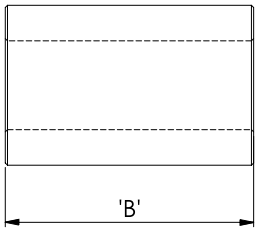


**RRH**

# Sleeve Cores

**Ferrite material: K5B RMS-303**






| Part Number | Dimensions (mm) | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | 25MHz | 100MHz | |
| RRH-25-8-40 | 2.5 | 4 | 0.8 | 33 | 52 | 4000 |
| RRH-30-10-30 | 3 | 3 | 1 | 25 | 47 | 4000 |
| RRH-30-10-40 | 3 | 4 | 1 | 32 | 51 | 4000 |
| RRH-30-12-30 | 3 | 3 | 1.2 | 23 | 44 | 4000 |
| RRH-35-8-35 | 3.5 | 3.5 | 0.8 | 37 | 62 | 4000 |
| RRH-35-10-80 | 3.5 | 8 | 1 | 78 | 111 | 2000 |
| RRH-35-12-40 | 3.5 | 4 | 1.2 | 31 | 46 | 4000 |
| RRH-35-12-50 | 3.5 | 5 | 1.2 | 37 | 55 | 4000 |
| RRH-35-12-60 | 3.5 | 6 | 1.2 | 45 | 73 | 4000 |
| RRH-35-12-70 | 3.5 | 7 | 1.2 | 54 | 84 | 2000 |
| RRH-35-13-40 | 3.5 | 4 | 1.3 | 29 | 48 | 4000 |
| RRH-35-13-50 | 3.5 | 5 | 1.3 | 37 | 61 | 4000 |
| RRH-35-13-90 | 3.5 | 9 | 1.3 | 62 | 80 | 2000 |
| RRH-35-15-40 | 3.5 | 4 | 1.5 | 25 | 43 | 4000 |
| RRH-35-15-60 | 3.5 | 6 | 1.5 | 35 | 60 | 4000 |
| RRH-35-18-50 | 3.5 | 5 | 1.8 | 27 | 48 | 4000 |
| RRH-35-18-60 | 3.5 | 6 | 1.8 | 28 | 54 | 4000 |
| RRH-40-20-40 | 4 | 4 | 2 | 24 | 48 | 4000 |
| RRH-40-20-50 | 4 | 5 | 2 | 28 | 51 | 2000 |
| RRH-40-20-70 | 4 | 7 | 2 | 40 | 64 | 2000 |
| RRH-40-20-80 | 4 | 8 | 2 | 39 | 58 | 2000 |
| RRH-40-20-100 | 4 | 10 | 2 | 53 | 80 | 2000 |
| RRH-40-20-120 | 4 | 12 | 2 | 52 | 76 | 2000 |

Standard Pack sizes may vary

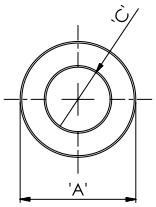
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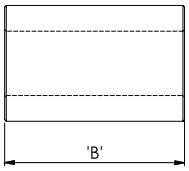
**RRH**

## Sleeve Cores CONTINUED

**Ferrite material: K5B RMS-303**






| Part Number | Dimensions (mm) | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | 25MHz | 100MHz | |
| RRH-48-23-64 | 4.83 | 6.35 | 2.29 | 43 | 80 | 2000 |
| RRH-50-23-50 | 5 | 5 | 2.3 | 30 | 55 | 2000 |
| RRH-60-30-100 | 6 | 10 | 3 | 52 | 90 | 1000 |
| RRH-60-32-180 | 6 | 18 | 3.15 | 100 | 155 | 500 |
| RRH-60-40-100 | 6 | 10 | 4 | 27 | 48 | 1000 |
| RRH-64-33-127 | 6.35 | 12.7 | 3.3 | 55 | 80 | 500 |
| RRH-64-33-158 | 6.35 | 15.8 | 3.3 | 76 | 101 | 500 |
| RRH-65-43-100 | 6.5 | 10 | 4.3 | 34 | 62 | 1000 |
| RRH-79-30-190 | 7.9 | 19 | 3 | 130 | 190 | 500 |
| RRH-79-40-128 | 7.9 | 12.8 | 4 | 66 | 107 | 500 |
| RRH-80-32-101 | 8 | 10.06 | 3.18 | 67 | 115 | 500 |
| RRH-80-40-100 | 8 | 10 | 4 | 48 | 71 | 500 |
| RRH-80-50-160 | 8 | 16 | 5 | 59 | 104 | 500 |
| RRH-80-60-98 | 8 | 9.8 | 6 | 22 | 41 | 500 |
| RRH-93-45-95 | 9.3 | 9.5 | 4.5 | 53 | 98 | 500 |
| RRH-93-58-110 | 9.3 | 11 | 5.8 | 37 | 62 | 500 |
| RRH-95-48-95 | 9.5 | 9.5 | 4.8 | 50 | 86 | 500 |
| RRH-95-50-145 | 9.5 | 14.5 | 5 | 75 | 121 | 500 |
| RRH-95-50-160 | 9.5 | 16 | 5 | 72 | 114 | 300 |
| RRH-95-50-195 | 9.5 | 19.5 | 5 | 98 | 153 | 300 |
| RRH-95-52-95 | 9.5 | 9.5 | 5.2 | 45 | 76 | 500 |
| RRH-95-58-100 | 9.5 | 10 | 5.8 | 38 | 68 | 500 |
| RRH-100-50-100 | 10 | 10 | 5 | 54 | 85 | 500 |
| RRH-100-60-140 | 10 | 14 | 6 | 45 | 73 | 200 |
| RRH-100-70-100 | 10 | 10 | 7 | 31 | 57 | 500 |
| RRH-105-55-200 | 10.5 | 20 | 5.5 | 95 | 138 | 200 |
| RRH-105-55-250 | 10.5 | 25 | 5.5 | 106 | 173 | 150 |
| RRH-110-50-160 | 11 | 16 | 5 | 87 | 138 | 200 |
| RRH-110-50-200 | 11 | 20 | 5 | 106 | 154 | 200 |
| RRH-110-50-250 | 11 | 25 | 5 | 145 | 230 | 400 |
| RRH-115-50-185 | 11.5 | 18.5 | 5 | 101 | 146 | 100 |
| RRH-120-35-230 | 12 | 23 | 3.5 | 210 | 328 | 100 |
| RRH-120-56-200 | 12 | 20 | 5.6 | 119 | 175 | 165 |
| RRH-120-56-300 | 12 | 30 | 5.6 | 180 | 260 | 110 |

Standard Pack sizes may vary

CONTINUE NEXT PAGE

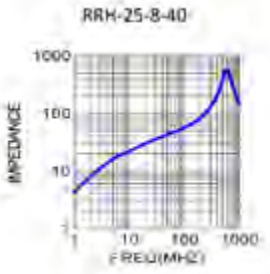
**RRH**

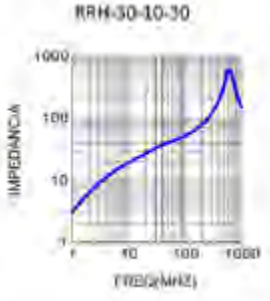
## Sleeve Cores CONTINUED

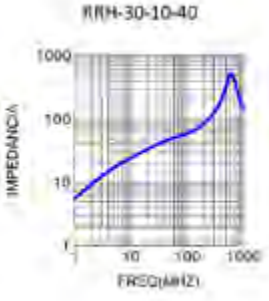
**Ferrite material: K5B RMS-303**

| Part Number | Dimensions (mm) | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | 25MHz | 100MHz | |
| RRH-120-70-120 | 12 | 12 | 7 | 46 | 76 | 300 |
| RRH-120-70-150 | 12 | 15 | 7 | 60 | 92 | 200 |
| RRH-120-73-200 | 12 | 20 | 7.3 | 69 | 108 | 100 |
| RRH-120-85-120 | 12 | 12 | 8.5 | 39 | 75 | 200 |
| RRH-123-70-200 | 12.3 | 20 | 7 | 72 | 137 | 165 |
| RRH-125-80-125 | 12.5 | 12.5 | 8 | 42 | 72 | 200 |
| RRH-142-64-150 | 14.2 | 15 | 6.35 | 92 | 146 | 200 |
| RRH-142-64-285 | 14.2 | 28.5 | 6.35 | 164 | 255 | 110 |
| RRH-142-70-235 | 14.2 | 23.5 | 7 | 127 | 204 | 100 |
| RRH-142-70-285 | 14.2 | 28.5 | 7 | 143 | 243 | 110 |
| RRH-142-80-150 | 14.2 | 15 | 8 | 63 | 107 | 200 |
| RRH-142-80-285 | 14.2 | 28.5 | 8 | 128 | 195 | 110 |
| RRH-149-70-190 | 14.99 | 19 | 6.99 | 107 | 171 | 128 |
| RRH-153-102-285 | 15.2 | 28.5 | 10.2 | 81 | 128 | 99 |
| RRH-153-80-280 | 15.25 | 28 | 8 | 122 | 180 | 99 |
| RRH-157-70-286 | 15.65 | 28.57 | 6.99 | 164 | 258 | 99 |
| RRH-158-79-160 | 15.8 | 16 | 7.9 | 84 | 132 | 100 |
| RRH-159-79-286 | 15.88 | 28.57 | 7.87 | 148 | 241 | 99 |
| RRH-160-70-200 | 16 | 20 | 7 | 111 | 163 | 96 |
| RRH-160-70-280 | 16 | 28 | 7 | 174 | 247 | 99 |
| RRH-160-80-160 | 16 | 16 | 8 | 77 | 116 | 100 |
| RRH-160-90-170 | 16 | 17 | 9 | 61 | 115 | 120 |
| RRH-160-90-280 | 16 | 28 | 9 | 104 | 178 | 99 |
| RRH-160-90-285 | 16 | 28.5 | 9 | 105 | 195 | 99 |
| RRH-160-100-280 | 16 | 28 | 10 | 91 | 156 | 99 |
| RRH-171-88-254 | 17.07 | 25.4 | 8.76 | 122 | 180 | 88 |
| RRH-175-83-285 | 17.5 | 28.5 | 8.3 | 143 | 242 | 88 |
| RRH-175-95-285 | 17.5 | 28.5 | 9.5 | 115 | 170 | 88 |
| RRH-175-95-350 | 17.5 | 35 | 9.5 | 152 | 253 | 88 |
| RRH-175-107-285 | 17.5 | 28.5 | 10.7 | 90 | 150 | 88 |
| RRH-180-100-280 | 18 | 28 | 10 | 124 | 209 | 88 |
| RRH-180-100-290 | 18 | 29 | 10 | 128 | 210 | 88 |
| RRH-186-102-286 | 18.67 | 28.57 | 10.16 | 117 | 171 | 88 |
| RRH-190-58-315 | 19 | 31.5 | 5.8 | 243 | 323 | 77 |
| RRH-190-58-350 | 19 | 35 | 5.8 | 272 | 340 | 77 |
| RRH-190-130-290 | 19 | 29 | 13 | 60 | 105 | 77 |
| RRH-259-128-286 | 25.91 | 28.57 | 12.83 | 127 | 195 | 40 |
| RRH-285-138-286 | 28.5 | 28.57 | 13.77 | 158 | 250 | 24 |

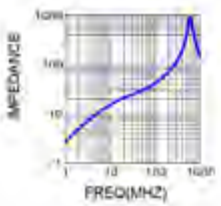
Standard Pack sizes may vary



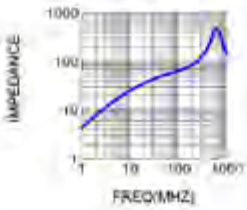



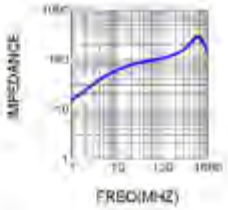
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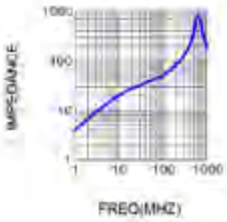

RRH-35-8-35



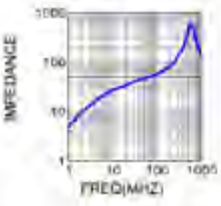

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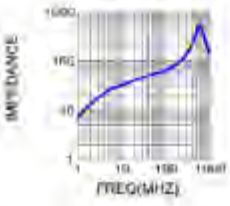

RRH-35-12-40



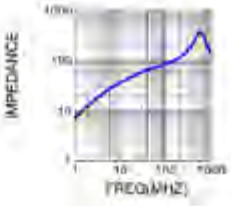

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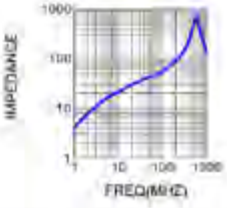

RRH-35-12-60



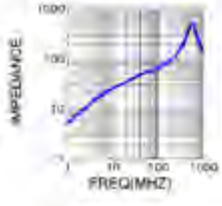

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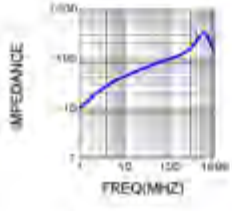

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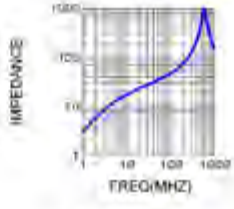

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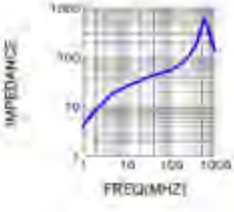

RRH-35-13-60



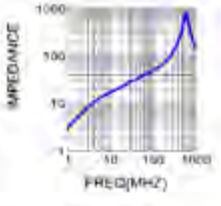

RRH-35-15-40



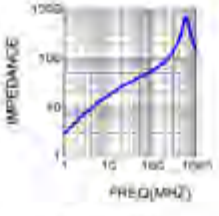

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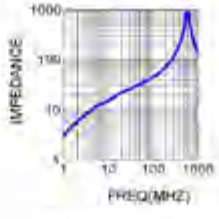

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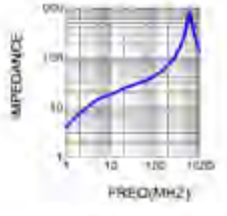

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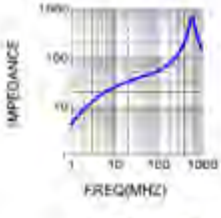

RRH-40-20-40



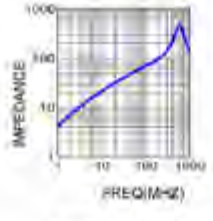

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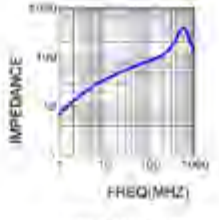

RRH-40-20-70



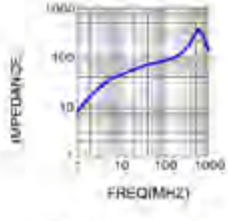

RRH-40-20-80



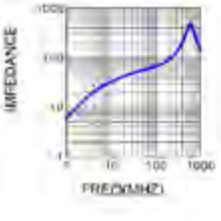

RRH-40-20-100



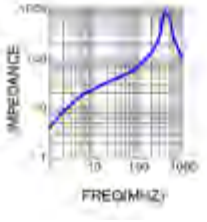

RRH-40-20-120



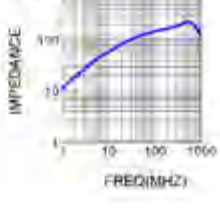

RRH-35-26-120-K5B



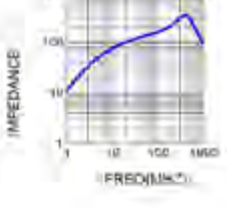

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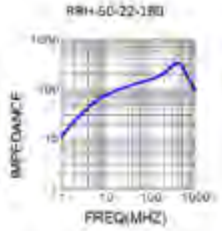


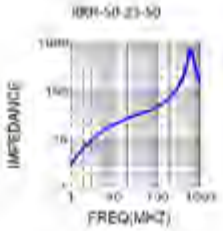

RRH-50-15-110-K5B

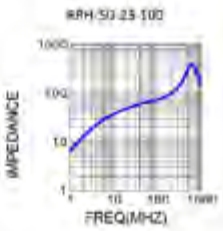


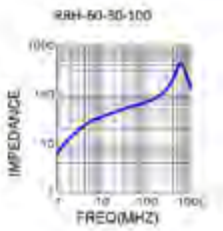

RRH-50-22-180-K5B

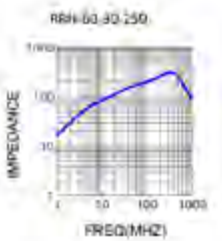


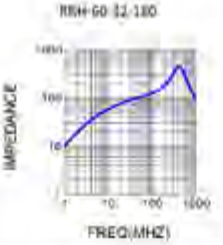

IMPEDANCE
FREQ(MHZ)

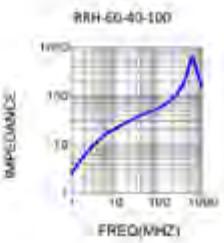

IMPEDANCE
FREQ(MHZ)

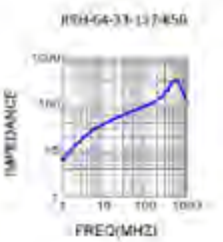

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FREQ(MHZ)

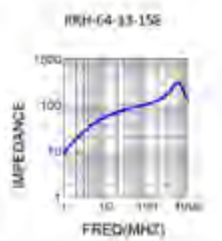

IMPEDANCE
FREQ(MHZ)

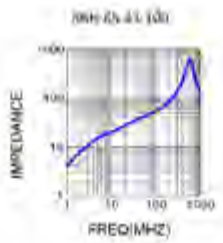

IMPEDANCE
FREQ(MHZ)

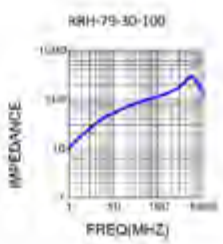

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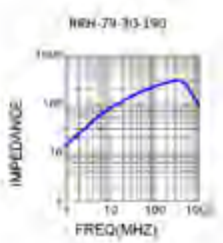

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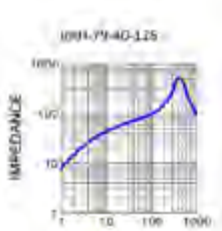

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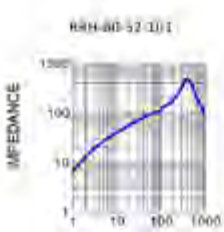

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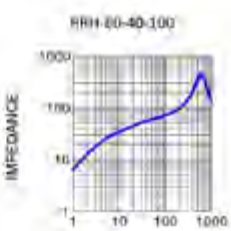

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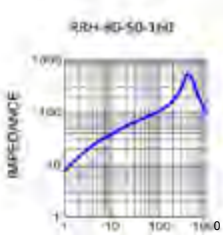

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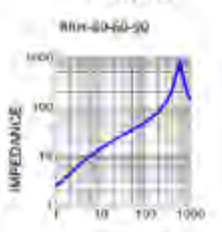

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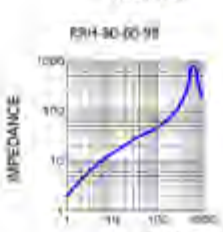

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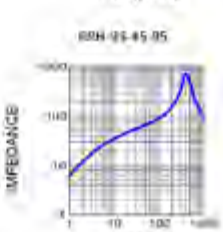

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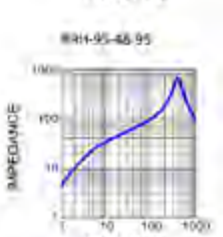

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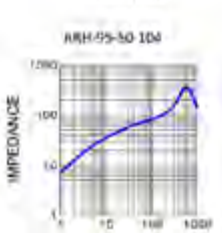

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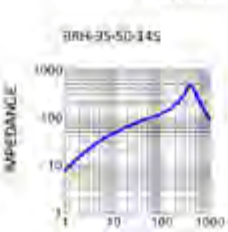

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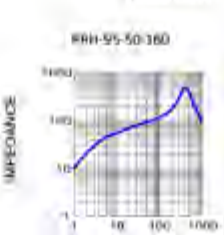

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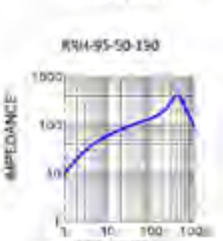

IMPEDANCE
FREQ(MHZ)


IMPEDANCE
FREQ(MHZ)

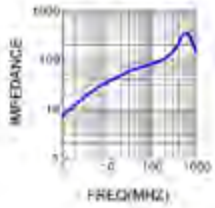

IMPEDANCE
FREQ(MHZ)


IMPEDANCE
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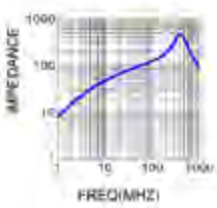

IMPEDANCE
FREQ(MHZ)


IMPEDANCE
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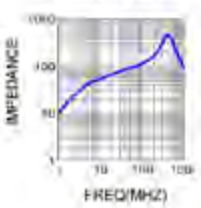
RRH-95-50-104-K58



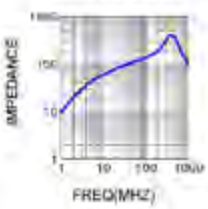

RRH-95-50-145-K58



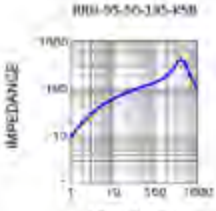

RRH-95-50-160-K58



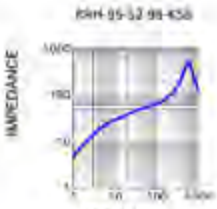

RRH-95-50-190-K58



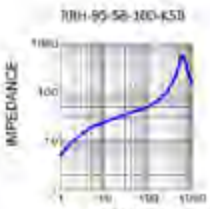

RRH-95-50-185-K58



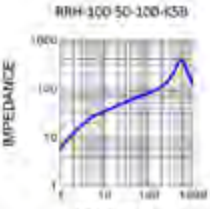

RRH-95-52-98-K58



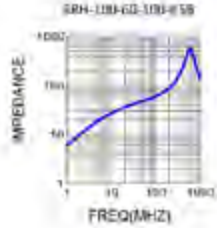

RRH-95-58-180-K58



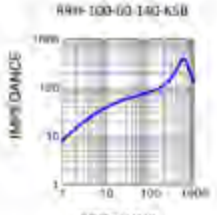

RRH-100-50-120-K58



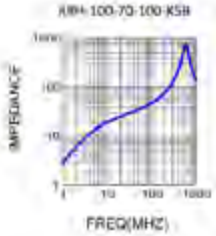

RRH-100-60-100-K58



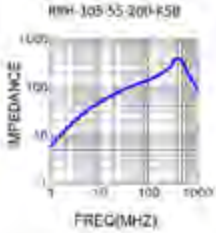

RRH-100-60-140-K58



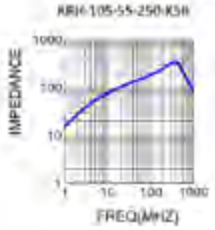

RRH-100-70-100-K58



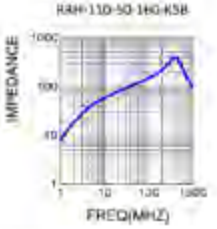

RRH-105-55-200-K58



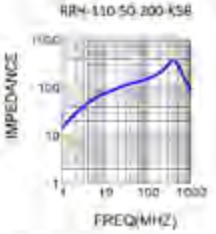

RRH-105-55-250-K58



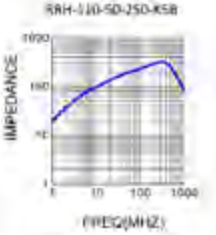

RRH-110-50-160-K58



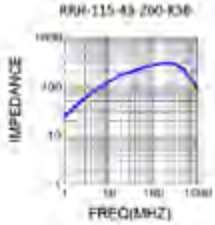

RRH-110-50-200-K58



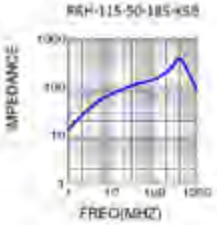

RRH-110-50-250-K58



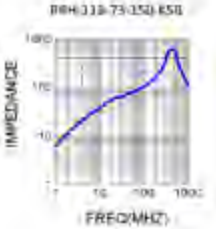

RRH-115-43-200-K58



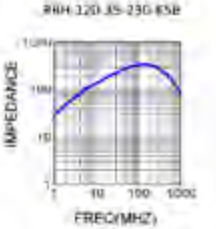

RRH-115-50-185-K58



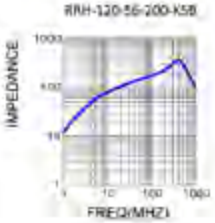

RRH-120-53-150-K58



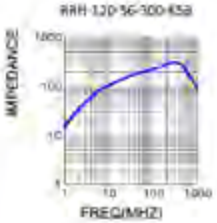

RRH-120-55-230-K58



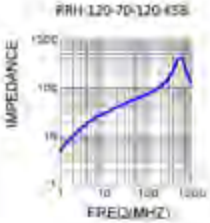

RRH-120-56-200-K58



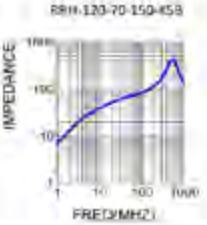

RRH-120-56-300-K58



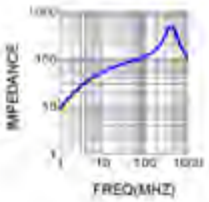

RRH-120-70-120-K58



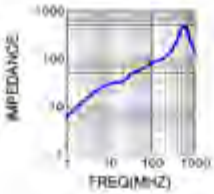

RRH-120-70-150-K58



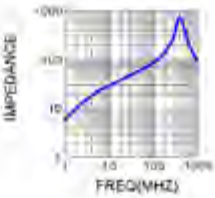
RRH-120-73-200-K58



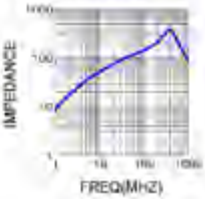

RRH-120-85-120-K58



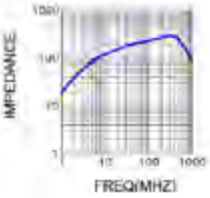

RRH-120-85-150-K58



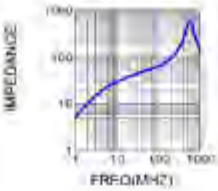

RRH-123-70-200-K58



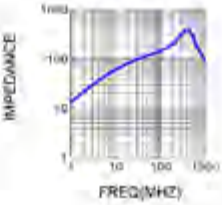

RRH-123-40-254-K58



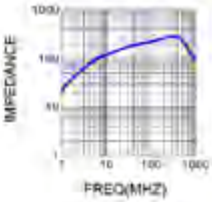

RRH-125-80-125-K58



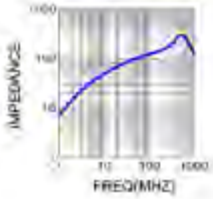

RRH-142-64-150-K58



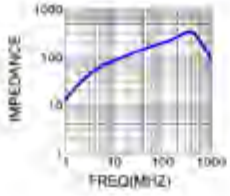

RRH-142-64-285-K58



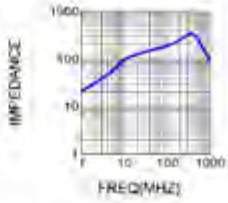

RRH-142-70-150-K58



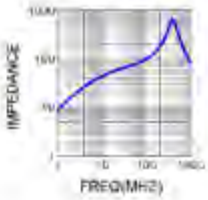

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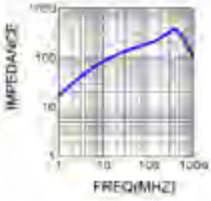

RRH-142-70-285-K58



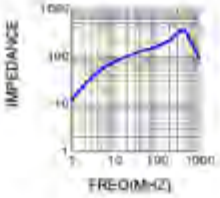

RRH-142-80-150-K58



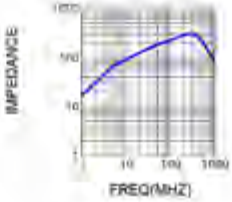

RRH-142-80-285-K58



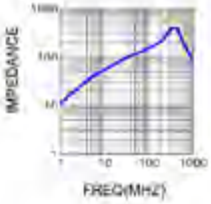

RRH-149-70-150-K58



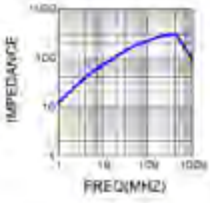

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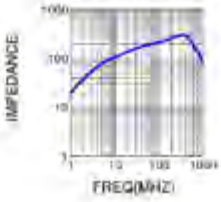

RRH-153-80-285-K58



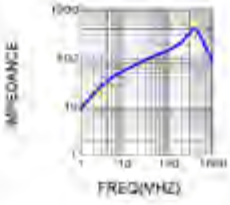

RRH-153-80-280-K58



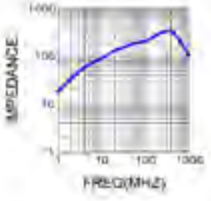

RRH-157-70-286-K58



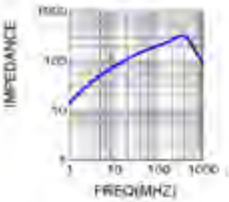

RRH-158-79-160-K58



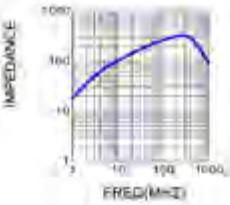

RRH-158-79-286-K58



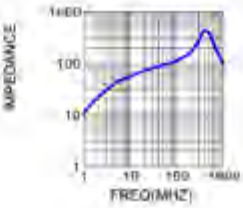

RRH-160-70-200-K58



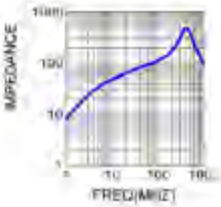

RRH-160-70-280-K58



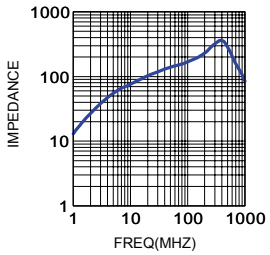

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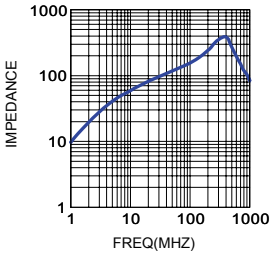

RRH-160-80-170-K58



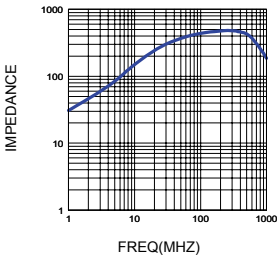
RRH-160-90-285



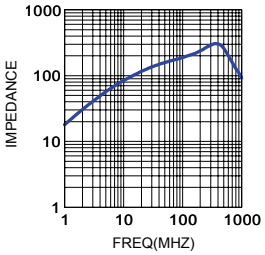

RRH-160-100-280



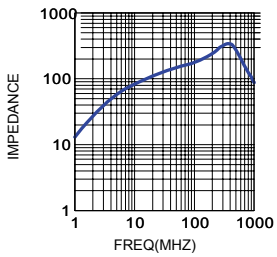

RRH-163-79-508



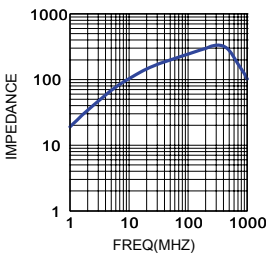

RRH-171-88-254



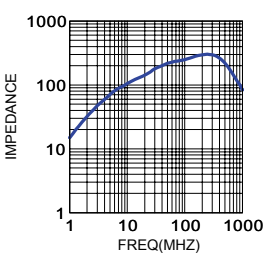

RRH-175-95-285



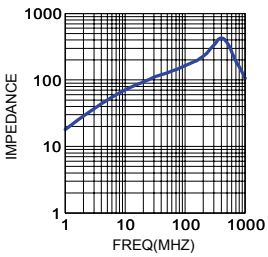

RRH-175-95-350



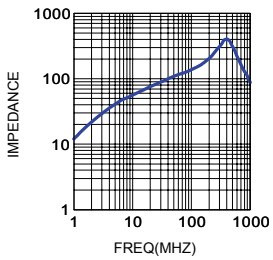

RRH-175-95-400



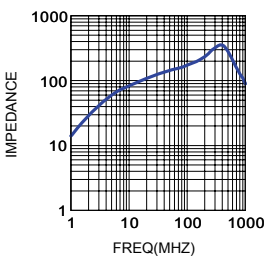

RRH-175-107-285



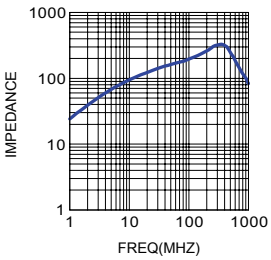

RRH-180-100-180



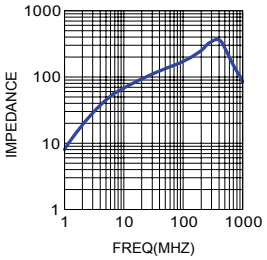

RRH-180-100-280



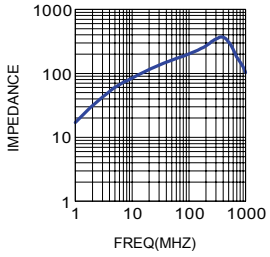

RRH-180-100-290



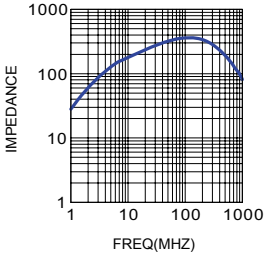

RRH-186-102-250



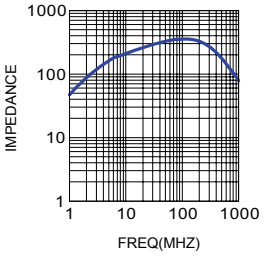

RRH-186-102-286



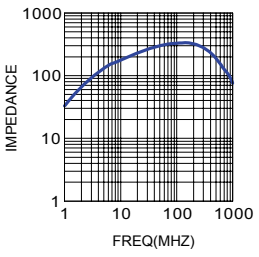

RRH-190-58-315



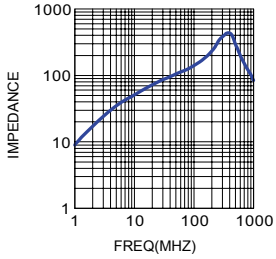

RRH-190-58-350



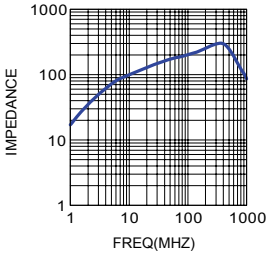

RRH-190-63-350



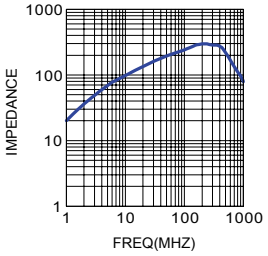

RRH-190-130-290




RRH-259-128-286



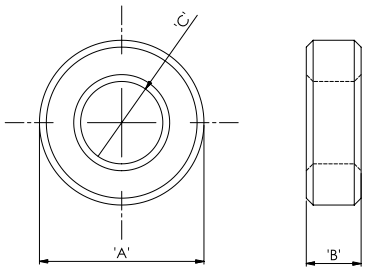

**RRH-285-138-286**



RT

# Toroid Cores

**Ferrite material: K5B RMS-303**





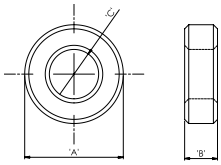

| Part Number | Dimensions (mm) | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | 25MHz | 100MHz | |
| RT-30-10-20 | 3 | 2 | 1 | 20 | 42 | 4000 |
| RT-30-12-20 | 3 | 2 | 1.2 | 17 | 38 | 4000 |
| RT-35-13-30 | 3.5 | 3 | 1.3 | 26 | 47 | 4000 |
| RT-35-15-30 | 3.5 | 3 | 1.5 | 21 | 42 | 4000 |
| RT-40-15-20 | 4 | 2 | 1.5 | 19 | 39 | 4000 |
| RT-40-15-30 | 4 | 3 | 1.5 | 23 | 45 | 4000 |
| RT-43-28-25 | 4.3 | 2.5 | 2.8 | 13 | 35 | 4000 |
| RT-50-20-40 | 5 | 4 | 2 | 30 | 46 | 2000 |
| RT-60-30-30 | 6 | 3 | 3 | 21 | 40 | 2000 |
| RT-60-30-40 | 6 | 4 | 3 | 24 | 44 | 1000 |
| RT-60-30-55 | 6 | 5.5 | 3 | 31 | 51 | 1000 |
| RT-70-35-40 | 7 | 4 | 3.5 | 23 | 46 | 1000 |
| RT-70-35-60 | 7 | 6 | 3.5 | 34 | 59 | 1000 |
| Standard Pack sizes may vary | | | | | | |

RT

# Toroid Cores CONTINUED

**Ferrite material: K5B RMS-303**






| Part Number | Dimensions (mm) | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | 25MHz | 100MHz | |
| RT-76-52-62 | 7.6 | 6.2 | 5.2 | 21 | 40 | 1000 |
| RT-80-40-30 | 8 | 3 | 4 | 17 | 37 | 1000 |
| RT-80-40-40 | 8 | 4 | 4 | 23 | 46 | 1000 |
| RT-80-40-60 | 8 | 6 | 4 | 33 | 57 | 500 |
| RT-80-60-50 | 8 | 5 | 6 | 15 | 36 | 500 |
| RT-80-60-70 | 8 | 7 | 6 | 20 | 42 | 500 |
| RT-85-50-30 | 8.5 | 3 | 5 | 16 | 34 | 1000 |
| RT-90-50-80 | 9 | 8 | 5 | 38 | 64 | 500 |
| RT-95-50-48 | 9.5 | 4.8 | 5 | 22 | 47 | 500 |
| RT-95-50-50 | 9.5 | 5 | 5 | 26 | 49 | 500 |
| RT-100-30-60 | 10 | 6 | 3 | 50 | 82 | 500 |
| RT-100-50-50 | 10 | 5 | 5 | 34 | 73 | 500 |
| RT-100-60-30 | 10 | 3 | 6 | 15 | 37 | 1000 |
| RT-100-60-40 | 10 | 4 | 6 | 20 | 42 | 1000 |
| RT-100-60-50 | 10 | 5 | 6 | 22 | 41 | 500 |
| RT-100-60-80 | 10 | 8 | 6 | 33 | 60 | 500 |
| RT-100-70-50 | 10 | 5 | 7 | 17 | 39 | 500 |
| RT-100-70-75 | 10 | 7.5 | 7 | 25 | 46 | 500 |
| RT-110-50-90 | 11 | 9 | 5 | 60 | 107 | 200 |
| RT-120-60-40 | 12 | 4 | 6 | 24 | 48 | 500 |
| RT-120-70-60 | 12 | 6 | 7 | 28 | 48 | 500 |
| RT-125-80-64 | 12.5 | 6 | 8 | 24 | 46 | 500 |
| RT-130-70-55 | 13 | 5.5 | 7 | 27 | 50 | 300 |
| RT-130-70-60 | 13 | 6 | 7 | 28 | 51 | 500 |
| RT-130-70-70 | 13 | 7 | 7 | 32 | 56 | 200 |
| RT-130-71-127 | 13 | 12.7 | 7.1 | 60 | 106 | 200 |
| RT-140-80-70 | 14 | 7 | 8 | 28 | 50 | 500 |
| RT-140-90-50 | 14 | 5 | 9 | 19 | 37 | 500 |
| RT-145-102-80 | 14.5 | 8 | 10.2 | 29 | 69 | 200 |
| RT-150-105-120 | 15 | 12 | 10.5 | 37 | 62 | 200 |
| RT-159-79-143 | 15.88 | 14.27 | 7.87 | 79 | 121 | 100 |
| RT-160-80-120 | 16 | 12 | 8 | 59 | 95 | 200 |
| RT-160-90-120 | 16 | 12 | 9 | 55 | 87 | 200 |
| RT-160-120-80 | 16 | 8 | 12 | 26 | 48 | 200 |
| RT-165-82-130 | 16.5 | 13 | 8.2 | 70 | 125 | 120 |
| RT-165-82-160 | 16.5 | 16 | 8.2 | 83 | 140 | 120 |
| RT-175-95-64 | 17.5 | 6 | 9.5 | 31 | 53 | 200 |
| RT-175-95-70 | 17.5 | 7 | 9.5 | 30 | 54 | 200 |

Standard Pack sizes may vary

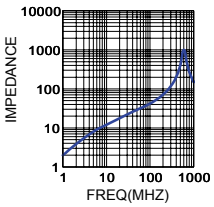
**RT**

# Toroid Cores CONTINUED

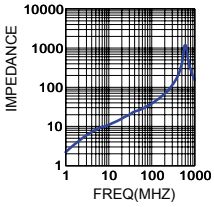
**Ferrite material: K5B RMS-303**

| Part Number | Dimensions (mm) | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | 25MHz | 100MHz | |
| RT-175-95-127 | 17.5 | 13 | 9.5 | 59 | 95 | 100 |
| RT-175-95-150 | 17.5 | 15 | 9.5 | 70 | 113 | 112 |
| RT-175-107-80 | 17.5 | 8 | 10.7 | 33 | 60 | 200 |
| RT-180-100-100 | 18 | 10 | 10 | 47 | 77 | 200 |
| RT-180-100-150 | 18 | 15 | 10 | 69 | 123 | 100 |
| RT-190-120-100 | 19 | 10 | 12 | 37 | 78 | 100 |
| RT-200-100-100 | 20 | 10 | 10 | 50 | 82 | 100 |
| RT-200-120-100 | 20 | 10 | 12 | 40 | 68 | 84 |
| RT-205-102-100 | 20.5 | 10 | 10.2 | 53 | 86 | 80 |
| RT-220-135-80 | 22 | 8 | 13.5 | 37 | 78 | 100 |
| RT-220-140-100 | 22 | 10.0 | 14 | 42 | 90 | 84 |
| RT-221-137-127 | 22.1 | 12.7 | 13.72 | 48 | 83 | 100 |
| RT-225-138-127 | 22.5 | 12.7 | 13.8 | 46 | 71 | 50 |
| RT-230-135-64 | 23 | 6.35 | 13.5 | 28 | 53 | 200 |
| RT-236-114-140 | 23.6 | 14 | 11.4 | 80 | 133 | 60 |
| RT-250-150-80 | 25 | 8 | 15 | 38 | 79 | 100 |
| RT-250-150-100 | 25 | 10 | 15 | 44 | 87 | 50 |
| RT-250-150-120 | 25 | 12 | 15 | 53 | 97 | 60 |
| RT-250-150-150 | 25 | 15 | 15 | 61 | 105 | 60 |
| RT-254-127-64 | 25.4 | 6.35 | 12.7 | 39 | 80 | 100 |
| RT-259-128-213 | 25.91 | 21.3 | 12.8 | 106 | 174 | 40 |
| RT-260-130-127 | 26 | 12.7 | 13 | 74 | 125 | 50 |
| RT-280-160-130 | 28 | 13 | 16 | 55 | 100 | 50 |
| RT-280-160-200 | 28 | 20 | 16 | 85 | 155 | 40 |
| RT-310-190-80 | 31 | 8 | 19 | 30 | 55 | 40 |
| RT-310-190-160 | 31 | 16 | 19 | 68 | 115 | 40 |
| RT-310-190-222 | 31 | 22 | 19 | 88 | 146 | 32 |
| RT-360-250-127 | 36 | 13 | 25 | 39 | 84 | 24 |
| Standard Pack sizes may vary | | | | | | |

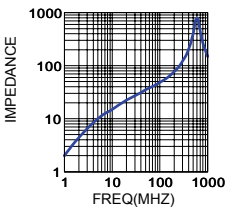
RT-30-10-20



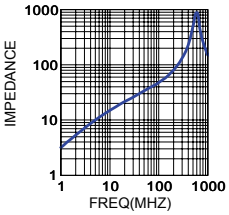

RT-30-12-20



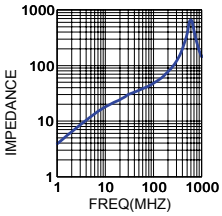

RT-35-13-30



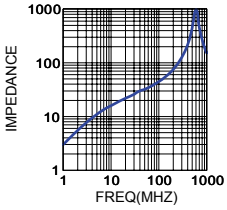

RT-35-14-30



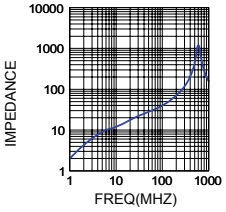

RT-35-14-33



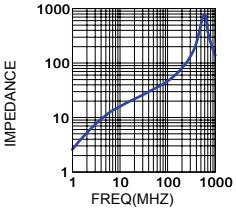

RT-35-15-30



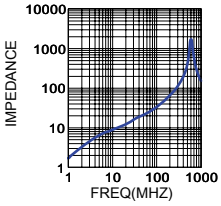

RT-40-15-20



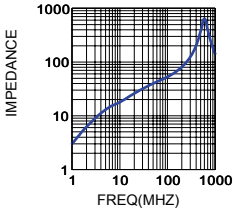

RT-40-15-30



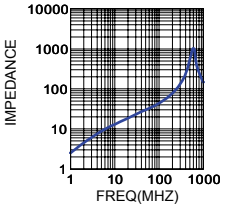

RT-43-28-25



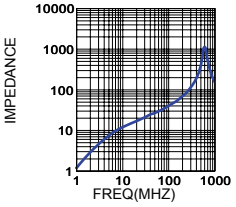

RT-50-20-40



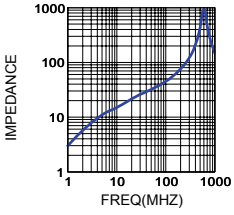

RT-50-23-30



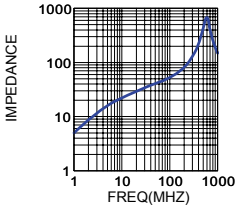

RT-60-30-30



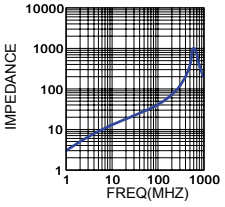

RT-60-30-40



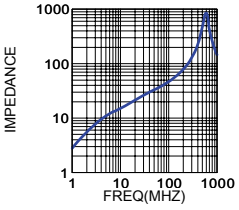

RT-60-30-55



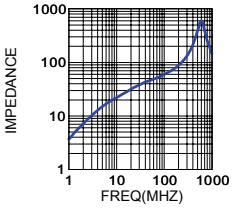

RT-65-43-60



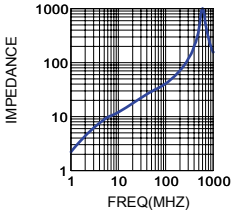

RT-70-35-40



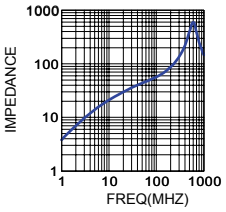

RT-70-35-60



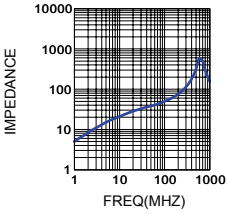

RT-76-52-62



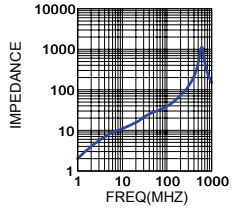

RT-79-40-70



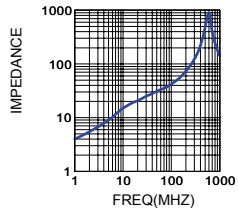

RT-80-31-40



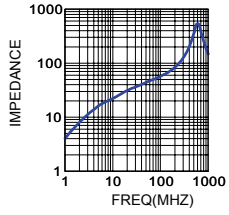

RT-80-40-30



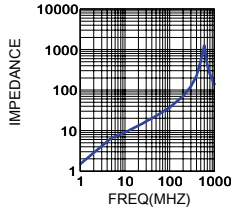

RT-80-40-40



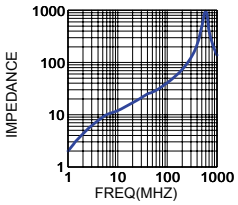

RT-80-40-60



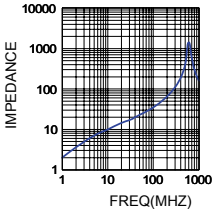

RT-80-60-50



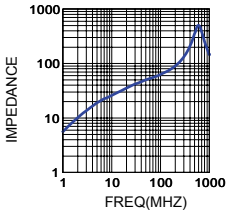
RT-80-60-70



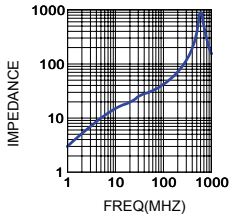

RT-85-50-30



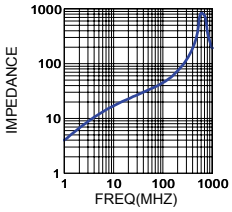

RT-90-50-80



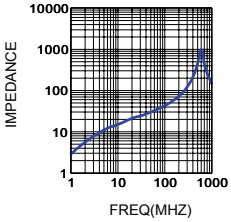

RT-94-63-72



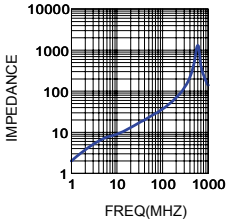

RT-95-50-48



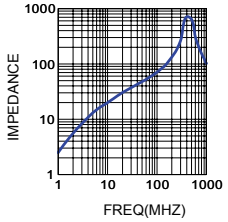

RT-95-50-50



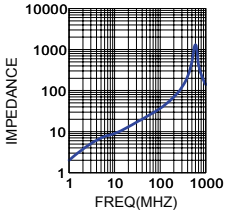

RT-100-30-60



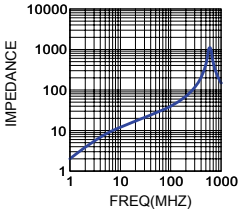

RT-100-50-50



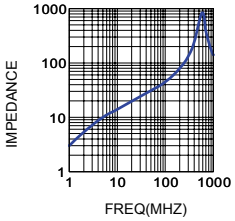

RT-100-60-30-



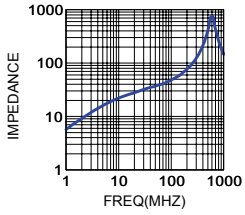

RT-100-60-40



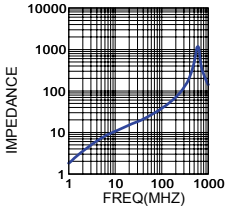

RT-100-60-50



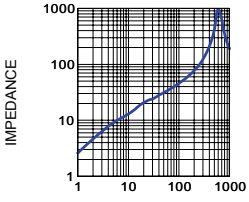

RT-100-60-80



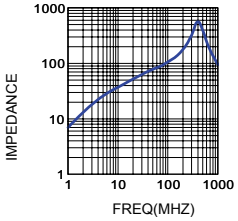

RT-100-70-50



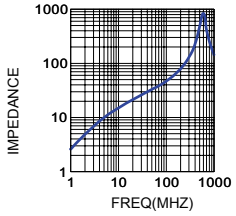

RT-100-70-75



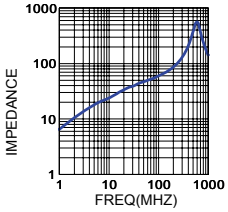

RT-110-50-90



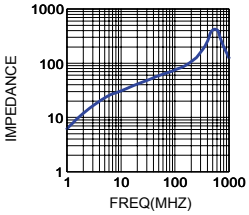

RT-120-60-40



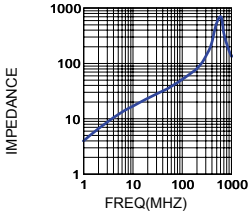

RT-120-60-60



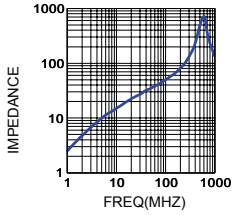

RT-120-60-80



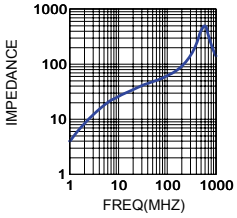

RT-120-70-60



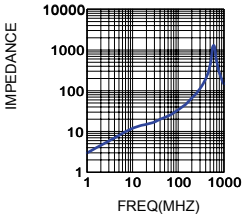

RT-125-80-64



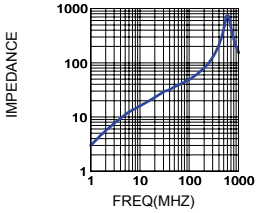

RT-125-80-120



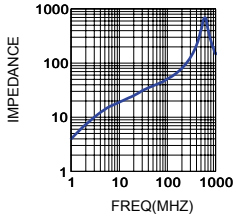

RT-130-70-30



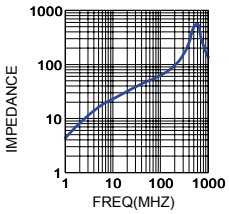

RT-130-70-55



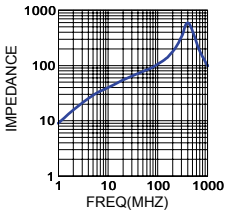

RT-130-70-60



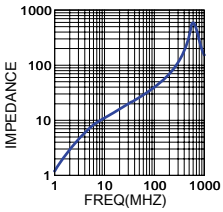
RT-130-70-70



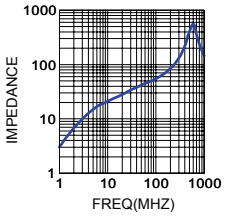

RT-130-71-127



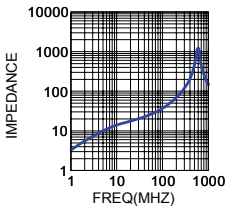

RT-140-80-50



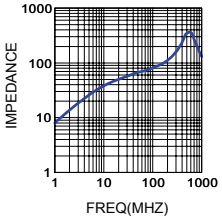

RT-140-80-70



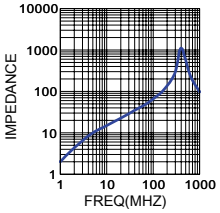

RT-140-90-50



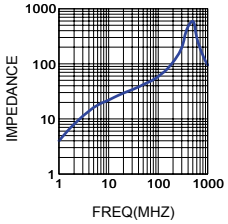

RT-142-80-120



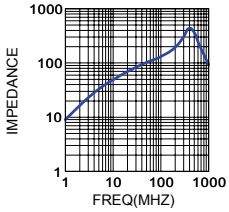

RT-145-102-80



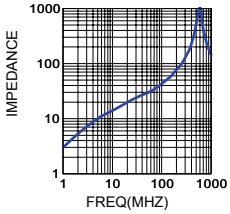

RT-150-105-120



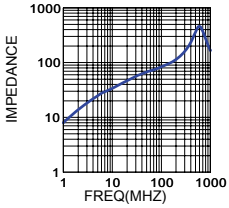

RT-159-79-143



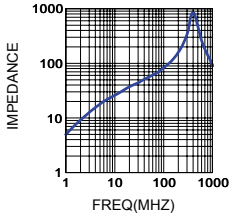

RT-160-80-120



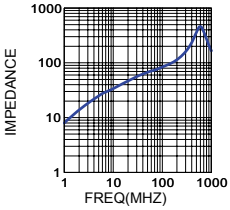

RT-160-90-120



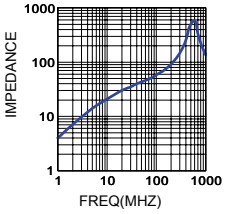

RT-160-100-100-K5



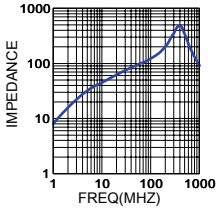

RT-160-90-120



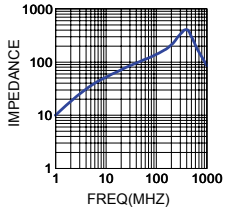

RT-160-120-150



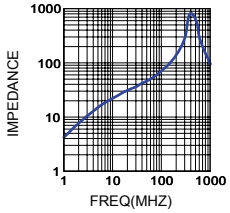

RT-165-82-130



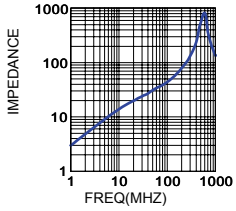

RT-165-82-160



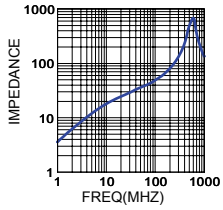

RT-165-92-75



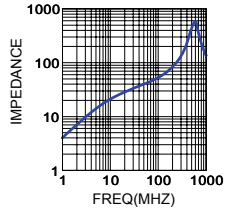

RT-175-95-50



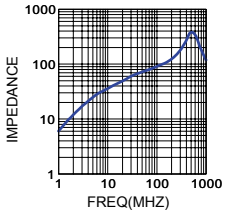

RT-175-95-64



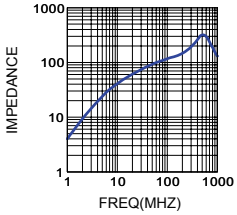

RT-175-95-70



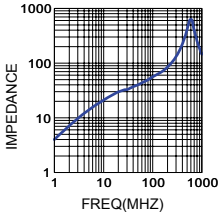

RT-175-95-127-K5B



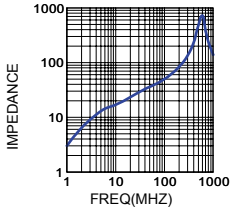

RT-175-95-150



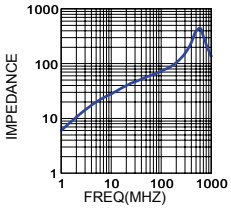

RT-175-107-80



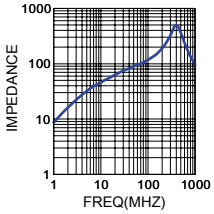

RT-180-100-60-K5B



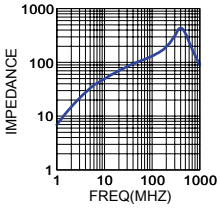
RT-180-100-100-K5B



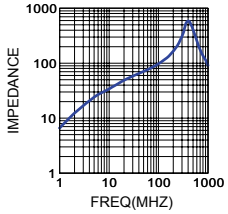

RT-187-102-143



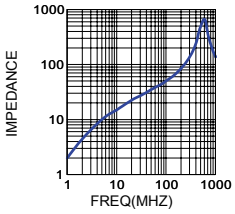

RT-187-102-170



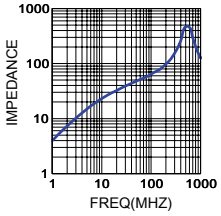

RT-190-100-100-K5B



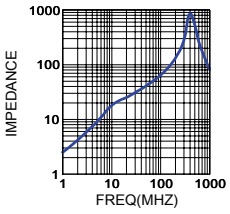

RT-190-120-80



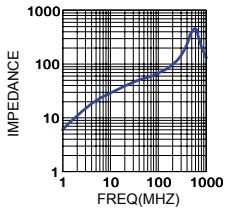

RT-190-120-100-K5B



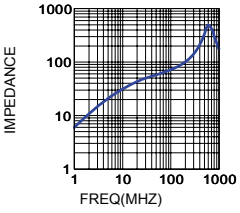

RT-200-100-50



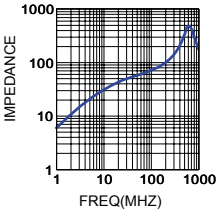

RT-200-100-80



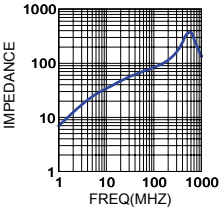

RT-200-100-100-K5B



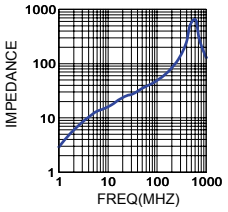

RT-200-120-100-K5B



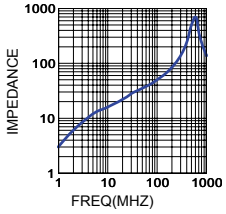

RT-205-102-100



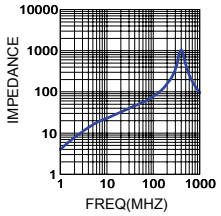

RT-212-127-60



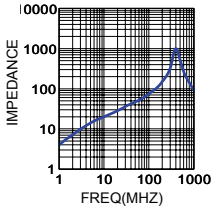

RT-220-135-64



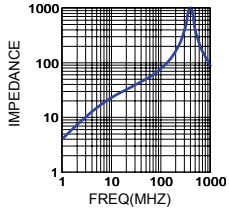

RT-220-135-80



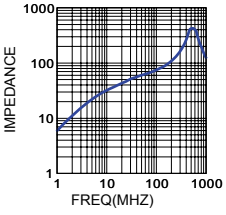

RT-220-140-80



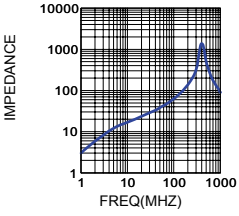

RT-220-140-100



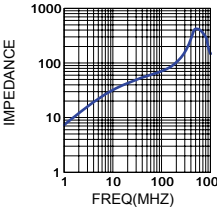

RT-221-137-127



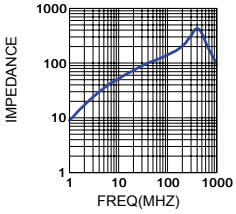

RT-225-138-64



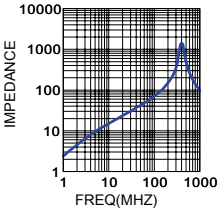

RT-225-138-127



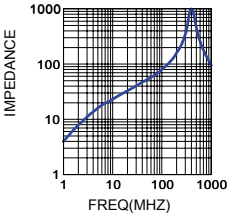

RT-236-114-140



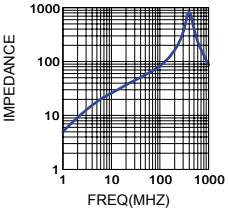

RT-236-150-60



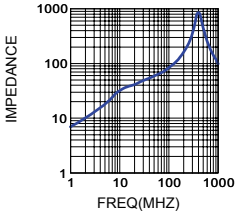

RT-250-150-80



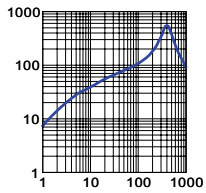

RT-250-150-100



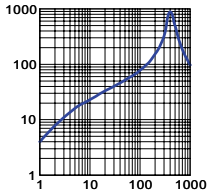

RT-250-150-120



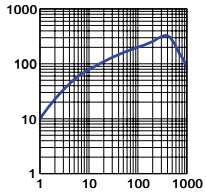
RT-250-150-150



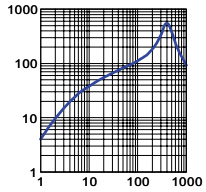

RT-254-127-64



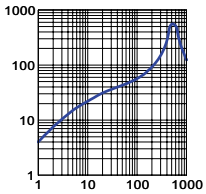

RT-259-128-213



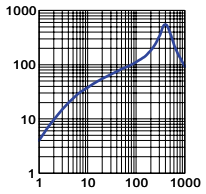

RT-260-130-127



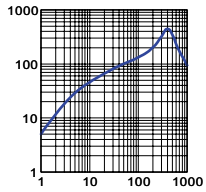

RT-280-160-75



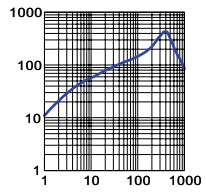

RT-280-160-130



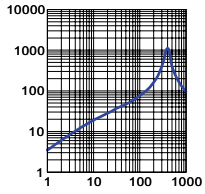

RT-280-160-170



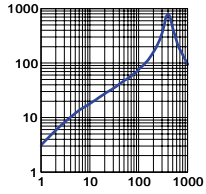

RT-280-160-200



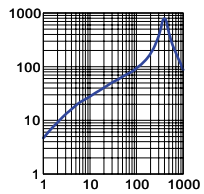

RT-290-190-75



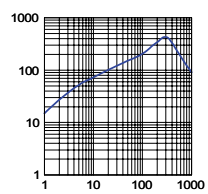

RT-290-190-77



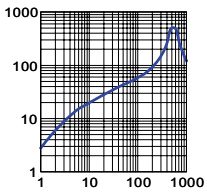

RT-290-190-138



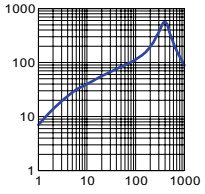

RT-310-190-70



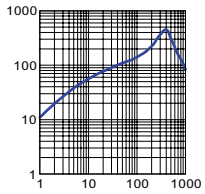

RT-310-190-80



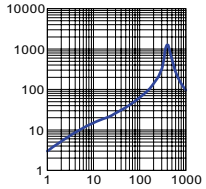

RT-310-190-160



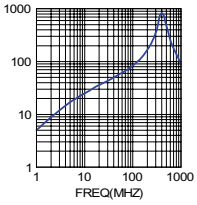

RT-310-190-222



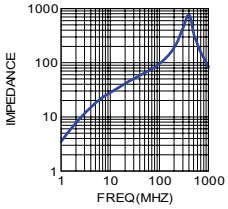

RT-360-250-70



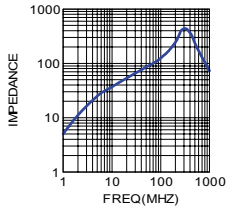

RT-360-250-127




RT-406-274-150




RT-594-348-128

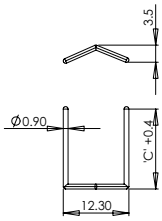


RFP

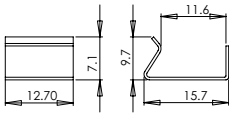
# Ribbon Cable Split Cores

**Ferrite Material: A5 RMS-303**
**Casing Material: Nylon 6/6. RMS-244**
**Metal Clip & Spring: Stainless Steel RMS-305**

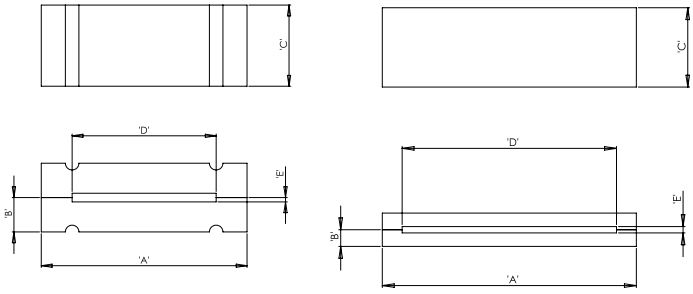





Spring

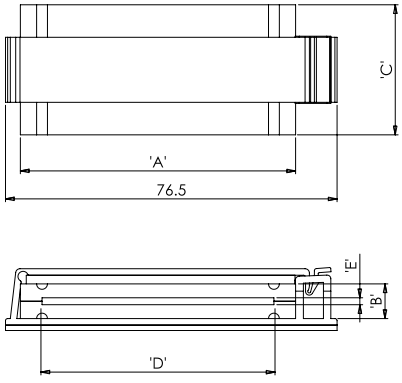



Metal Clip




Type 1

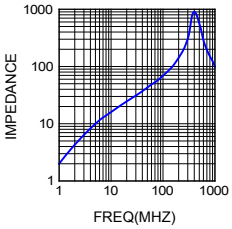
Type 2



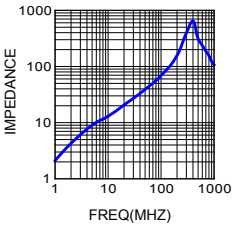

Type 4 with Adhesive Base

| Part Number | Type | Metal clip or spring | Dimensions (mm) | | | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | 25MHz | 100MHz | |
| RFP2-10-10-A5 | 2 | - | 16.5 | 2 | 10.25 | 12.5 | 0.6 | 27 | 69 | 240 |
| RFP3-16-12-A5 | 2 | - | 25 | 2.8 | 12 | 21 | 1.1 | 28 | 90 | 144 |
| RFP1-20-25-A5 | 1 | METAL CLIP | 38 | 6.35 | 25.4 | 26.6 | 0.8 | 105 | 175 | 15 |
| RFP1-26-10-M-A5 | 1 | SPRING | 45 | 6.35 | 10 | 34.4 | 0.8 | 43 | 110 | 60 |
| RFP1-26-28-A5 | 1 | METAL CLIP | 45 | 6.35 | 28.5 | 34.4 | 0.8 | 102 | 189 | 15 |
| RFP1-34-10-A5 | 1 | SPRING | 55.1 | 6.35 | 10 | 43.7 | 0.8 | 36 | 104 | 40 |
| RFP1-34-28-A5 | 1 | METAL CLIP | 55.1 | 6.35 | 28.5 | 43.7 | 0.8 | 80 | 181 | 10 |
| RFP1-40-13-A5 | 1 | SPRING | 63.5 | 6.35 | 13 | 52 | 1.1 | 45 | 114 | 20 |
| RFP1-40-15-A5 | 1 | SPRING | 63.5 | 6.35 | 15 | 52 | 0.8 | 50 | 124 | 20 |
| RFP1-40-28-M-A5 | 1 | METAL CLIP | 63.5 | 6.35 | 28.5 | 52 | 0.8 | 77 | 172 | 10 |
| RFP4-40-28-MPA5 | 4 | PLASTIC with adhesive base | 63.5 | 12.7 | 28.5 | 52 | 1.6 | 77 | 172 | 16 |
| Standard Pack sizes may vary | | | | | | | | | | |

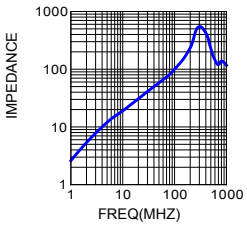
RFP2-10-10-A5



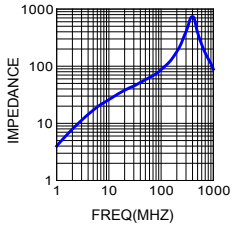

RFP3-16-12-A5



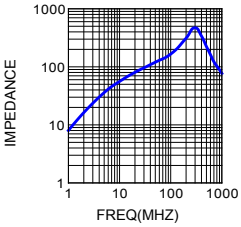

RFP1-20-25-A5



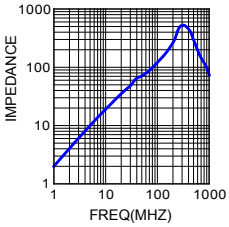

RFP1-26-10-M-A5



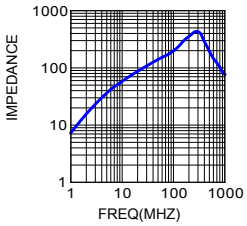

RFP1-26-28-A5



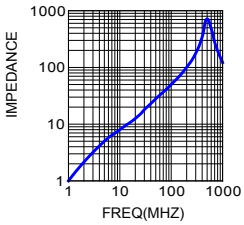

RFP1-34-10-A5



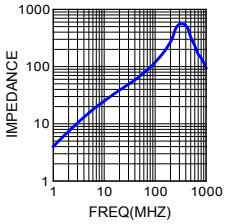

RFP1-34-28-A5



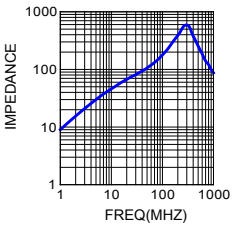

RFP1-40-13-A5



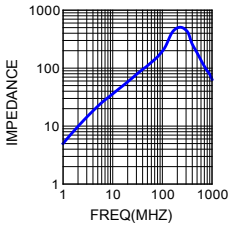

RFP1-40-15-A5




RFP1-40-28-M-A5




RFP4-40-28-MPA5

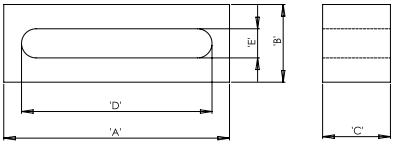


RFS

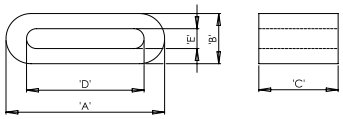
# Flat Cable Sleeve Cores

**Ferrite material: A5, RMS-303/K5B, RMS-303**

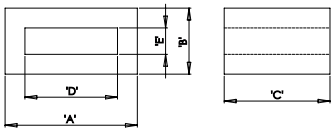




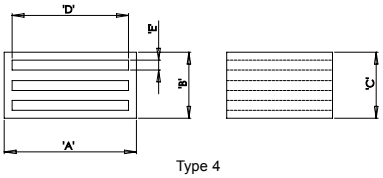

Type 1



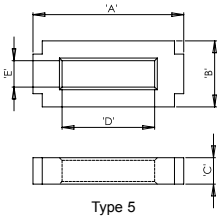

Type 2




Type 3




Type 4




Type 5

| Part Number | Type | Dimensions (mm) | | | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | 25MHz | 100MHz | |
| RFS2-8-12-A5 | 2 | 14.7 | 2.75 | 12 | 11 | 0.7 | 28 | 63 | 192 |
| RFS2-9-8-A5 | 2 | 16 | 5 | 8 | 11.5 | 0.5 | 29 | 72 | 288 |
| RFS2-9-12-A5 | 2 | 16 | 5 | 12 | 11.5 | 0.5 | 41 | 73 | 160 |
| RFS3-2-9-K5B* | 3 | 5 | 3 | 9 | 3 | 1 | 46 | 74 | 1000 |
| RFS2-5-8-A5 | 3 | 9.1 | 5.6 | 7.8 | 7.2 | 3.7 | 19 | 41 | 500 |
| RFS3-6-7-A5 | 3 | 10 | 3.2 | 7 | 8 | 1 | 25 | 65 | 1000 |
| RFS1-6-8-A5 | 3 | 10 | 3.2 | 8 | 8 | 1 | 28 | 60 | 1000 |
| RFS5-7-2-A5 | 5 | 13.84 | 3.94 | 1.88 | 9.78 | 1.52 | 10 | 32 | 2000 |
| RFS2-9-15-A5 | 2 | 16 | 5 | 15 | 11.5 | 0.5 | 50 | 90 | 144 |
| RFS2-9-20-A5 | 2 | 16 | 5 | 20 | 11.5 | 0.5 | 60 | 120 | 126 |
| RFS2-11-10-A5 | 2 | 18 | 5 | 8 | 14 | 1 | 45 | 164 | 252 |
| RFS2-11-20-A5 | 2 | 18.9 | 6.5 | 20 | 14 | 1.8 | 61 | 123 | 84 |
| RFS2-11-12-A5 | 2 | 19 | 6.5 | 12 | 14 | 1.8 | 38 | 62 | 144 |
| RFS2-13-15-A5 | 2 | 20.5 | 3.5 | 15 | 16.5 | 0.8 | 36 | 97 | 126 |
| RFS1-15-7-2-A5 | 1 | 23.3 | 2.5 | 7 | 20 | 0.9 | 14 | 41 | 240 |
| RFS1-15-12-A5 | 1 | 23.3 | 3 | 12 | 20 | 0.9 | 23 | 58 | 144 |
| RFS1-14-15-A5 | 1 | 23.8 | 3.2 | 15 | 18.7 | 1.1 | 27 | 77 | 120 |
| RFS2-14-7-A5 | 2 | 23.8 | 6.3 | 7 | 18.7 | 1.1 | 21 | 47 | 240 |
| RFS2-14-13-A5 | 2 | 23.8 | 6.3 | 12.5 | 18.7 | 1.1 | 46 | 96 | 120 |
| Standard Pack sizes may vary | | | | | | | | | |

*K5B, RMS-303, all others A5, RMS-303

RFS

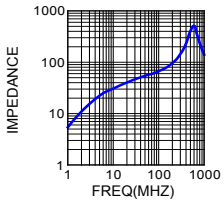
## Flat Cable Sleeve Cores CONTINUED

**Ferrite material: A5, RMS-303/K5B, RMS-303**

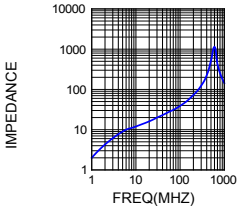


| Part Number | Type | Dimensions (mm) | | | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | 25MHz | 100MHz | |
| RFS2-15-12-A5 | 2 | 24.5 | 5 | 12 | 20 | 0.5 | 35 | 70 | 144 |
| RFS2-15-20-A5 | 2 | 24.5 | 5 | 20 | 20 | 0.5 | 41 | 78 | 84 |
| RFS2-16-12-A5 | 2 | 25.5 | 3 | 12 | 21.5 | 0.65 | 27 | 87 | 132 |
| RFS1-16-15-A5 | 1 | 25.5 | 4.5 | 15 | 21.5 | 0.65 | 39 | 110 | 144 |
| RFS1-17-15-A5 | 1 | 25.5 | 5 | 15 | 21.5 | 0.65 | 48 | 126 | 108 |
| RFS2-18-8-A5 | 2 | 28.5 | 6.5 | 8 | 23.5 | 0.8 | 28 | 65 | 170 |
| RFS2-18-18-A5 | 2 | 28.5 | 6.5 | 18 | 23.5 | 1 | 55 | 127 | 80 |
| RFS2-18-10-A5 | 2 | 28.6 | 7.7 | 10 | 23.5 | 1.7 | 31 | 71 | 140 |
| RFS2-22-20-A5 | 2 | 31 | 4 | 20 | 27 | 0.7 | 42 | 121 | 60 |
| RFS2-22-9-A5 | 2 | 31 | 5 | 9 | 27 | 1 | 29 | 88 | 150 |
| RFS2-20-12-A5 | 2 | 31 | 5 | 12 | 27 | 1 | 28 | 75 | 110 |
| RFS4-21-16-A5 | 4 | 32 | 11.8 | 16 | 27 | 1 | 76 | 188 | 80 |
| RFS2-21-8-A5 | 2 | 33.5 | 6.5 | 8 | 27 | 1.3 | 21 | 53 | 136 |
| RFS2-21-10-A5 | 2 | 33.5 | 6.5 | 10 | 27 | 1.3 | 26 | 57 | 84 |
| RFS2-21-12-A5 | 2 | 33.5 | 6.5 | 12 | 27 | 1.3 | 30 | 66 | 70 |
| RFS2-21-15-A5 | 2 | 33.5 | 6.5 | 15 | 27 | 1.3 | 36 | 78 | 72 |
| RFS2-21-20-A5 | 2 | 33.5 | 6.5 | 20 | 27 | 1.3 | 58 | 149 | 56 |
| RFS2-24-18-A5 | 2 | 36 | 6.5 | 18 | 31 | 0.6 | 52 | 147 | 64 |
| RFS2-24-8-A5 | 2 | 36 | 7.5 | 8 | 31 | 1 | 29 | 79 | 48 |
| RFS2-24-36-A5 | 2 | 36 | 7.5 | 36 | 31 | 1 | 92 | 192 | 24 |
| RFS2-25-12-A5 | 2 | 36 | 5 | 12 | 32.4 | 0.8 | 29 | 88 | 96 |
| RFS2-26-12-A5 | 2 | 38.5 | 4 | 12 | 35 | 0.8 | 25 | 68 | 72 |
| RFS2-26-15-A5 | 2 | 38.5 | 4 | 15 | 35 | 0.8 | 31 | 100 | 56 |
| RFS1-20-25-A5 | 1 | 38.53 | 12.06 | 25.4 | 26.77 | 1.9 | 100 | 180 | 30 |
| RFS2-27-10-A5 | 2 | 40 | 6.5 | 10 | 35 | 1.3 | 25 | 64 | 84 |
| RFS2-27-12-A5 | 2 | 40 | 6.5 | 12 | 35 | 1.3 | 28 | 69 | 72 |
| RFS2-27-12-2-A5 | 2 | 40 | 6.5 | 12 | 35 | 2 | 24 | 59 | 72 |
| RFS2-27-15-A5 | 2 | 40 | 6.5 | 15 | 35 | 1.3 | 32 | 85 | 54 |
| RFS2-27-18-A5 | 2 | 40 | 6.5 | 18 | 35 | 1.3 | 36 | 98 | 48 |
| RFS1-27-28-A5 | 1 | 45.1 | 12.5 | 28.5 | 34.4 | 1.5 | 95 | 195 | 24 |
| Standard Pack sizes may vary | | | | | | | | | |

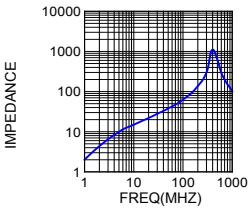
RFS3-2-9-K5B



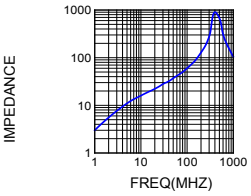

RFS2-5-8-A5



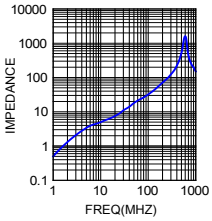

RFS3-6-7-A5



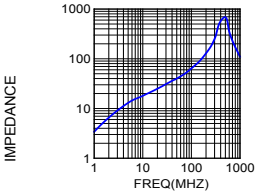

RFS1-6-8-A5



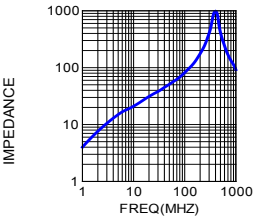

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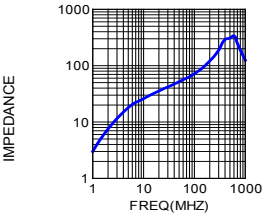

RFS2-8-12-A5



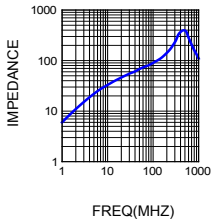

RFS2-9-8-A5



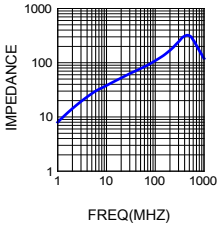

RFS2-9-12-A5



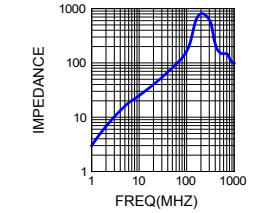

RFS2-9-15-A5



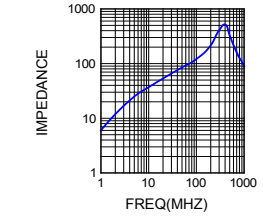

RFS2-9-20-A5



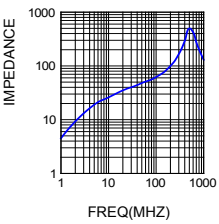

RFS2-11-10-A5



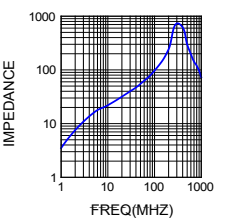

RFS2-11-20-A5



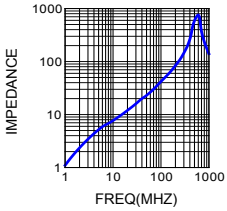

RFS2-11-12-A5



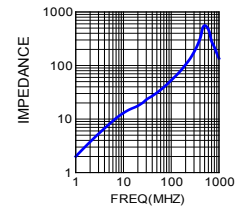

RFS2-13-15-A5



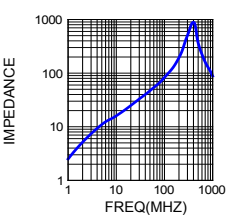

RFS1-15-7-2-A5



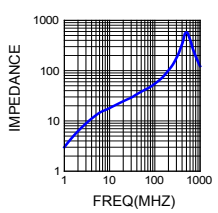

RFS1-15-12-A5



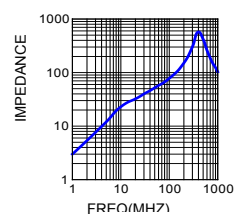

RFS1-14-15-A5



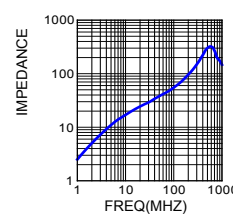

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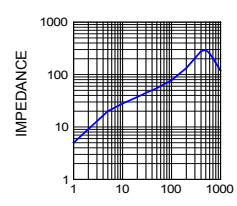

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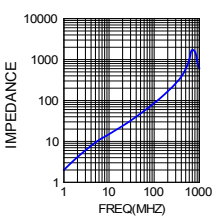

RFS2-15-12-A5



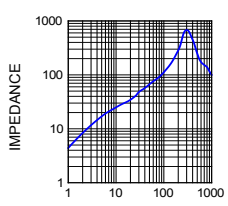

RFS2-15-20-A5



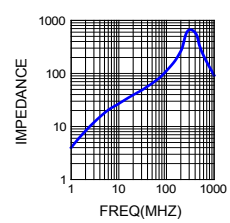

RFS2-16-12-A5




RFS1-16-15-A5




RFS1-17-15-A5







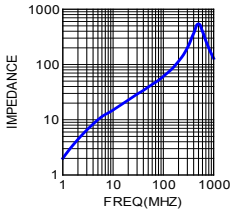




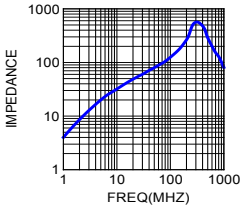




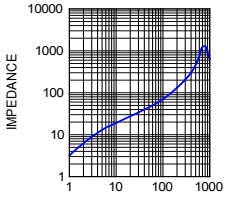
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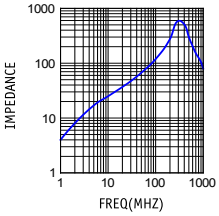

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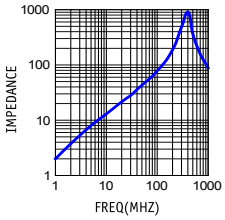

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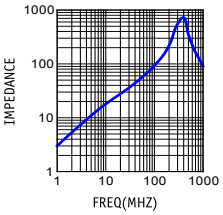

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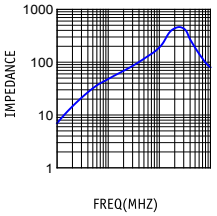

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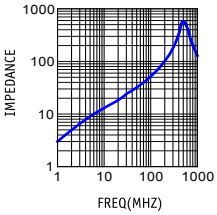

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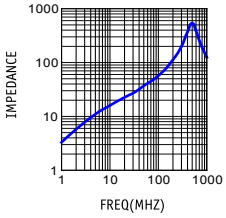

RFS4-21-16-A5



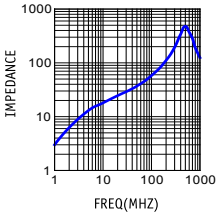

RFS2-21-8-A5



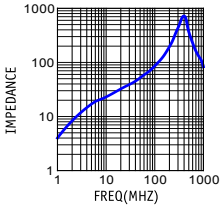

RFS2-21-10-A5



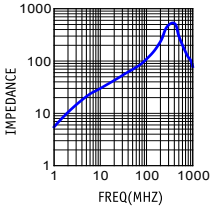

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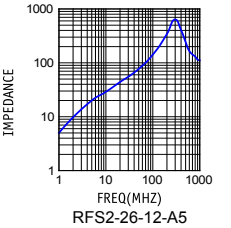

RFS2-21-15-A5



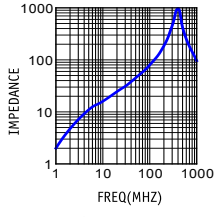

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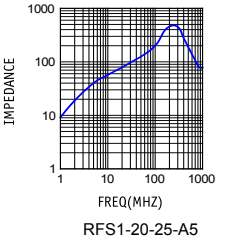

RFS2-24-18-A5



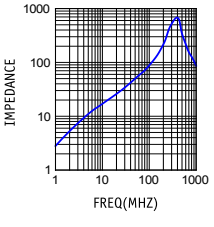

RFS2-24-8-A5




RFS2-24-36-A5




RFS2-25-12-A5




RFS2-26-12-A5




RFS2-26-15-A5



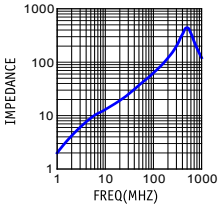

RFS1-20-25-A5



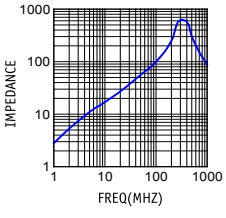

RFS2-27-10-A5



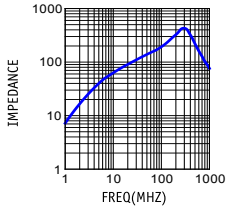

RFS2-27-12-A5



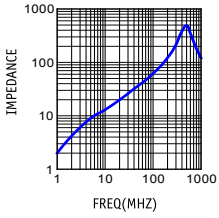

RFS2-27-12-2-A5

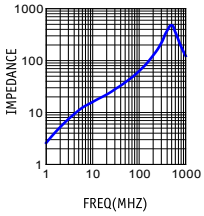


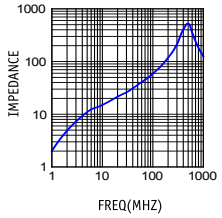

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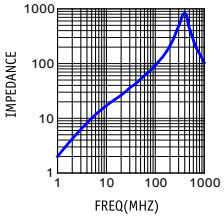


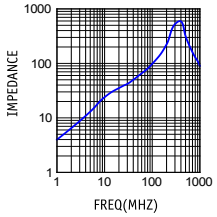

RFS2-27-18-A5



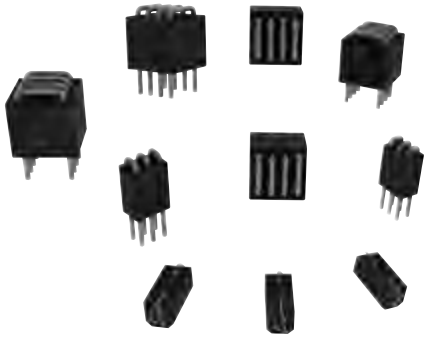



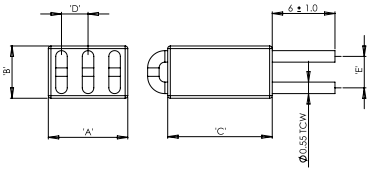



RSH

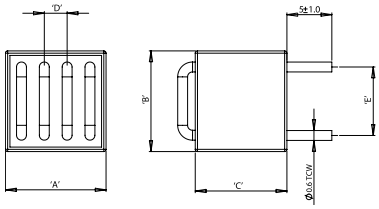
# Multiline Suppressor Beads

**Ferrite material: K5B A5 RMS-303**
**Wire: RMS-307**
**Adhesive: RMS-301**

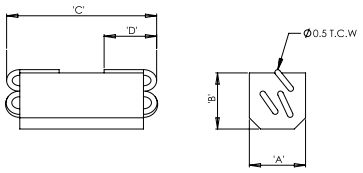





Type 1



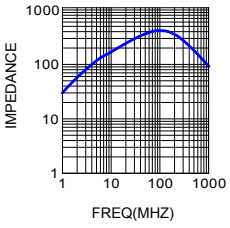

Type 2



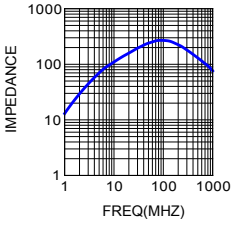

Type 4

| Part Number | Type | Dimensions (mm) | | | | | Impedance (Ω) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | 25MHz | 100MHz | |
| RSH5-5085-46 | 4 | 5 | 5 | 11 | 3.5 | - | 437 | 592 | 1000 |
| RSH6-76100-50A | 1 | 7.6 | 5 | 10 | 2.54 | 2.54 | 171 | 263 | 200 |
| RSH8-112102112A | 2 | 11.2 | 11.2 | 10.2 | 2.54 | 7.62 | 236 | 383 | 280 |
| Standard Pack sizes may vary | | | | | | | | | |

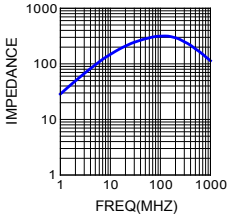
RSH5-5055-46




RSH6-76100-50A




RSH8-112102112A

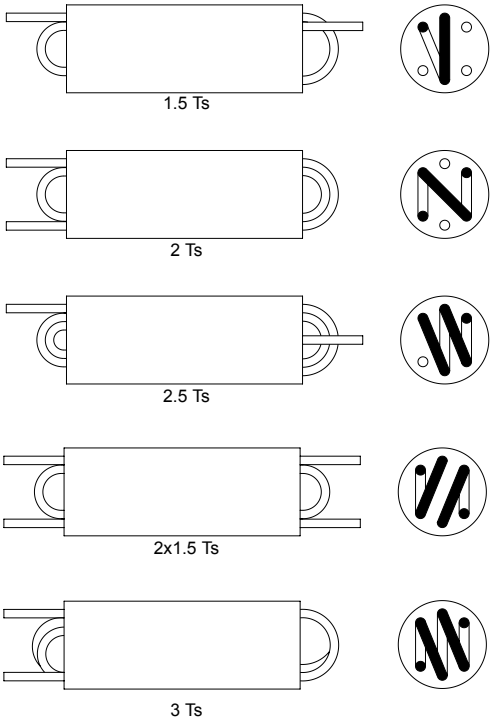


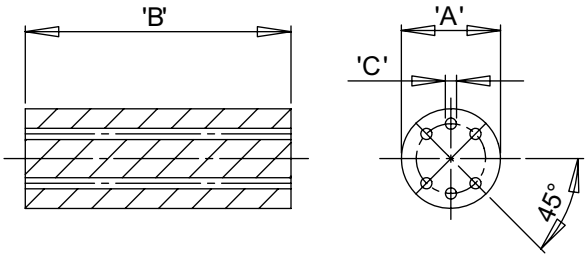
RRH6

# Wound Beads

**Ferrite material: K5B A6 RMS-303**
**Wire: RMS-306**
**Adhesive: RMS-301**



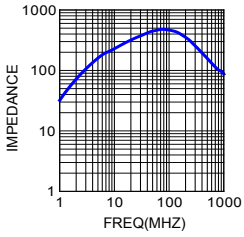


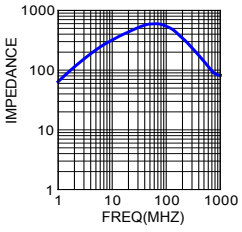

| Part Number | A (mm) | B (mm) | C (mm) | Impedance (Ω) | | Number of Turns | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | | 25MHz | 100MHz | | |
| RRH6-1-15-K5B | 6 | 10 | 0.85 | 390 | 460 | 1.5 | 500 |
| RRH6-1-20-K5B | 6 | 10 | 0.85 | 510 | 580 | 2 | 500 |
| RRH6-1-20-A6 | 6 | 10 | 0.85 | 450 | 486 | 2 | 500 |
| RRH6-1-25-K5B | 6 | 10 | 0.85 | 690 | 680 | 2.5 | 500 |
| RRH6-2-15-K5B | 6 | 10 | 0.85 | 340 | 450 | 2 x 1.5 | 500 |
| RRH6-1-30-K5B | 6 | 10 | 0.85 | 860 | 750 | 3 | 500 |

Stand Pack Sizes May Vary

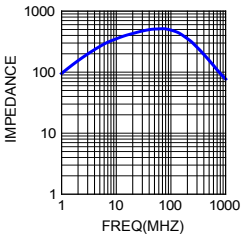
RRH6-1-15-K5B



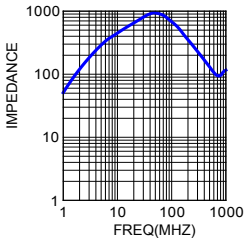

RRH6-1-20-K5B



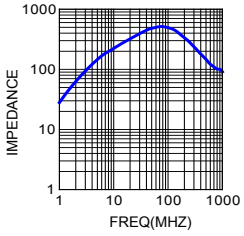

RRH6-1-20-A6



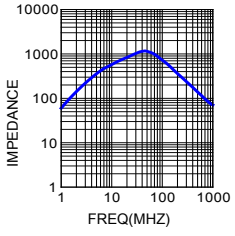

RRH6-1-25-K5B




RRH6-2-15-K5B



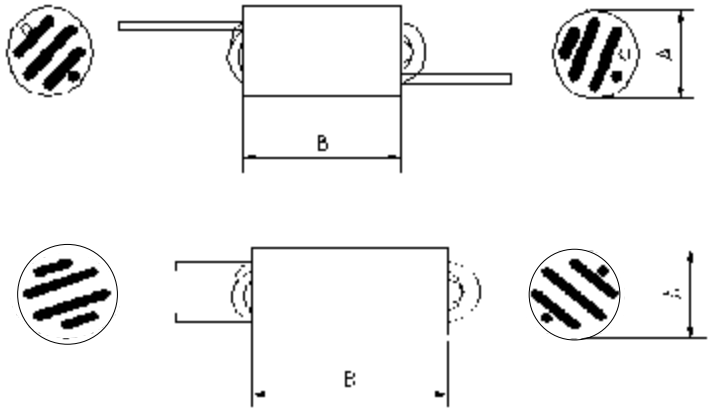

RRH6-1-30-K5B



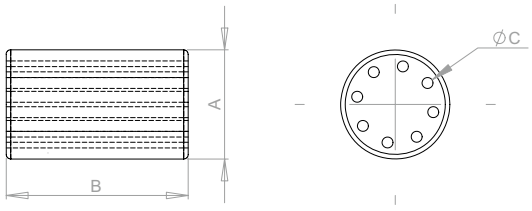
RRH8

# Wound Beads

**Ferrite material: K5B RMS-303**
**Adhesive: RMS-301**
**Wire: RMS-306**

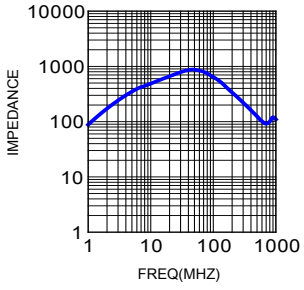




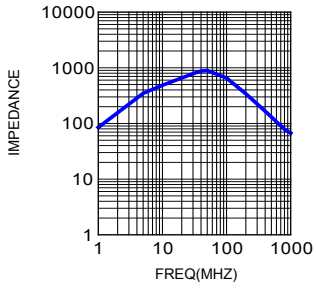




| Part Number | Dimensions (mm) | | | Impedance (Ω) | | Number of Turns | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | 25MHz | 100MHz | | |
| RRH8-2-35-K5B | 5.2 | 10 | 0.85 | 726 | 667 | 3.5 | 500 |
| RRH8-2-40-K5B | 5.2 | 10 | 0.85 | 754 | 680 | 4 | 500 |
| Standard Pack sizes may vary | | | | | | | |

RRH8-2-35-K5B




RRH8-2-40-K5B



ESSENTRA COMPONENTS





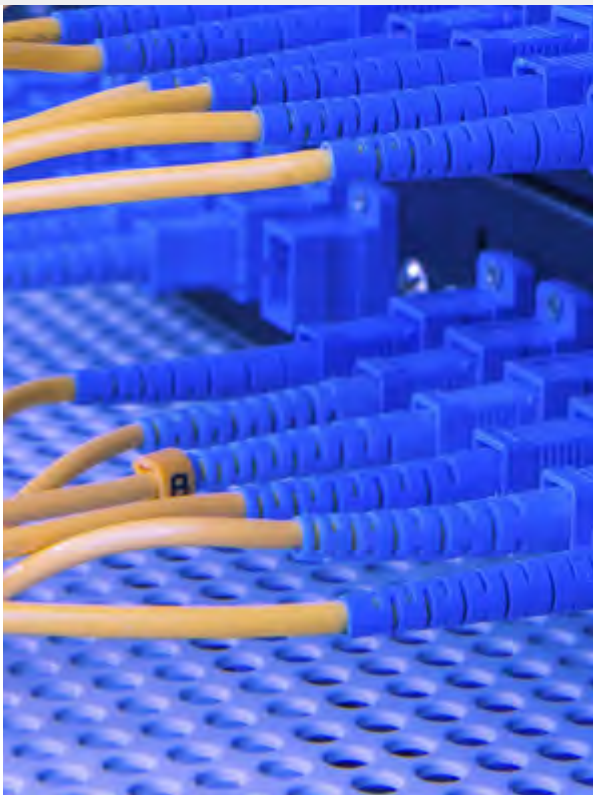
# OPTIMAL SOLUTIONS

Protect vulnerable optical fibres, particularly where fibre breakout is required, and you'll avoid costly signal failure and data errors.

Essentra offers an extensive range of fibre optic products, meeting telecom and datacom application requirements at all levels. Our products help eliminate potential hazards such as macro and micro bends caused by mishandling of optical fibres during installation, maintenance and upgrade.

FREE Samples

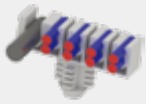
Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

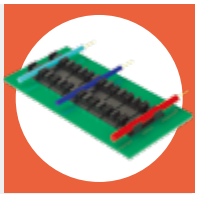


# FIBRE MANAGEMENT


Fibre Clips and Supports

350-356

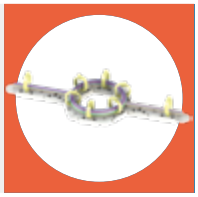




Fibre Reels and Guides

357-359





Fibre Clips and Plugs

360-363

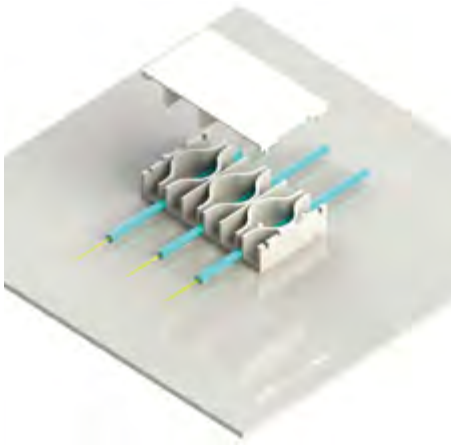


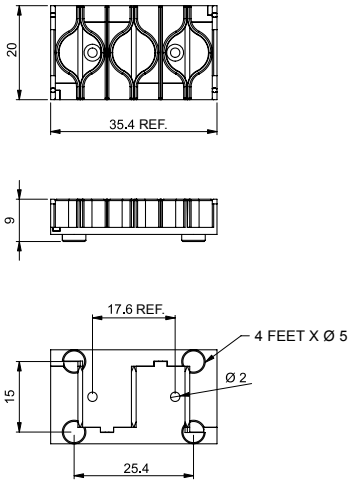


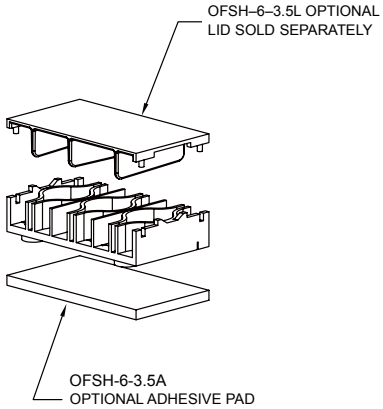
OFSH-6

## Optical Fibre Splice Holder

**Natural PP, RMS-150 and TPE, RMS-182**






| Part Number | Contents | Std Pack Qty |
|---|---|---|
| OFSH-6-3.5 | No Adhesive | 10 |
| OFSH-6-3.5L | Lid Only | 10 |

OFSH-T

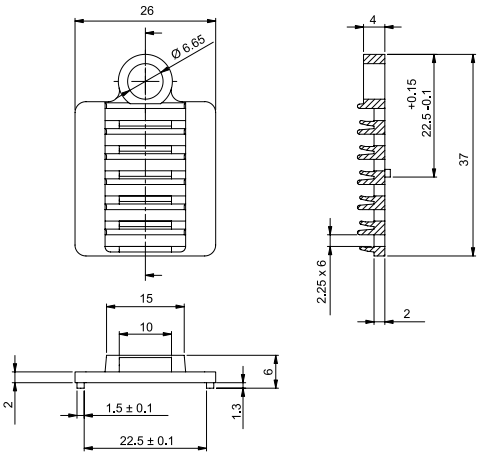
## Splice Holder

**Black**

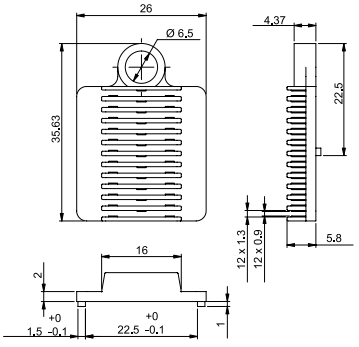
- OFSH-T-6 designed to hold up to 6 x 3mm Fibre or components,i.e. couplers, splice protectors, and WDM's
- OFSH-T-12 designed to hold up to 12 crimp splice protectors
- OFSH-T Splice Holders can be used with OFST Series Splice Trays



OFSH-T-6




OFSH-T-12



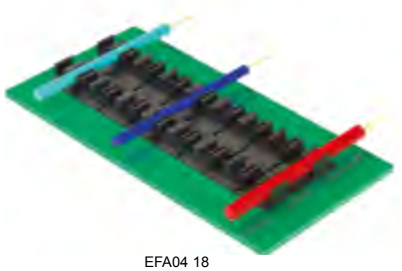

| Part Number | | Std Pack Qty |
|---|---|---|
| UL94 V2<br>Nylon 6/6, RMS-01 | UL94 V0<br>Nylon 6/6, RMS-19 | |
| OFSH-T-6-01BLK | OFSH-T-6-19BLK | 100 |
| OFSH-T-12-01BLK | OFSH-T-12-19BLK | 100 |

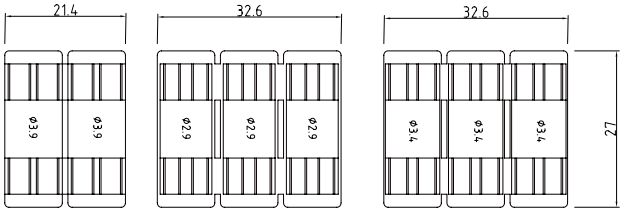
**EFA04-18/EFA04-71**

## Coupler Clip

**Black UL94 V0 Nylon 6,**
**RMS-390; Adhesive RMS-143**

- EFA04 18 can be broken apart to form individual clips



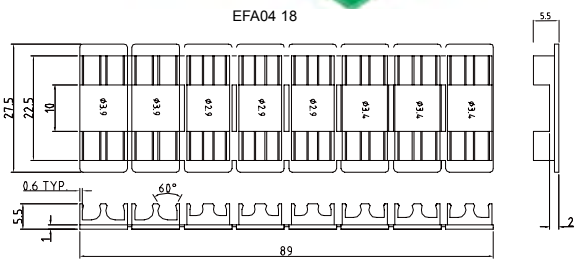



EFA04 71 X03
Ø3.9 Coupler Clip

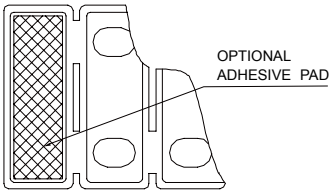
EFA04 71 X01
Ø2.9 Coupler Clip

EFA04 71 X02
Ø3.4 Coupler Clip

EFA04 18




| Part Number | Contents | Std Pack Qty |
|---|---|---|
| EFA04-18-ASS | EFA04 18 001 with 8 adhesive pads | 100 |
| EFA04-71-001 | 6-way 2.9mm coupler clip | 100 |
| EFA04-71-P01 | EFA04 71 001 with 3 adhesive pads | 100 |
| EFA04-71-002 | 6-way 3.4mm coupler clip | 100 |
| EFA04-71-003 | 4-way 3.9mm coupler clip | 100 |
| EFA04-71-P03 | EFA04 71 003 with 2 adhesive pads | 100 |



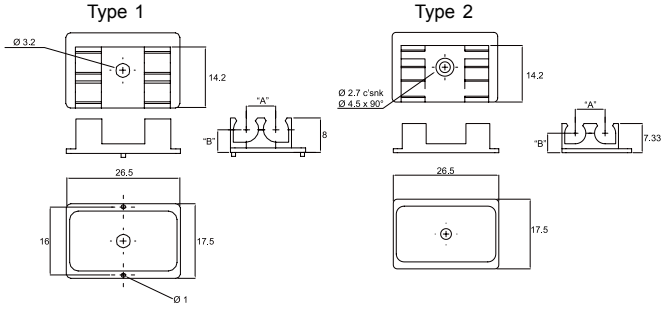

**EFA04-6X**

## Isolator Clips

**UL94 V0 Nylon 6, RMS-390; Adhesive, RMS-143**

- Designed for use in the Array Tray EFA04-25-001(shown above)
- Can be screw or rivet mounted or mounted with self adhesive pads
- EFA04 61 001 has anti-rotation pins to securely mount when using screw or rivet





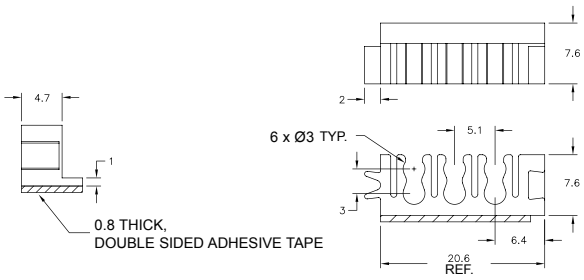

| Part Number | Type | Contents | Color | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | | | "A" | "B" | |
| EFA04-61-001 | 1 | 6MM Isolator Clip | Red | 6.9 | 5.3 | 100 |
| EFA04-61-ASS | 1 | 6MM Isolator Clip with Adhesive Pad | Red | 6.9 | 5.3 | 100 |
| EFA04-63-001 | 2 | 5.5MM Isolator Clip | Green | 7.5 | 4.9 | 100 |
| EFA04-63-ASS | 2 | 5.5MM Isolator Clip with Adhesive Pad | Green | 7.5 | 4.9 | 100 |
| EFA04-64-001 | 2 | 4.5MM Isolator Clip | Yellow | 8.5 | 5.3 | 100 |
| EFA04-64-ASS | 2 | 4.5MM Isolator Clip with Adhesive Pad | Yellow | 8.5 | 5.3 | 100 |

OFEB

## Optical Fibre Expandable Bracket

**Natural UL94 V-0 Nylon 6/6, RMS-19**
**Adhesive backing, RMS-15**






| Part Number | Std Pack Qty |
|---|---|
| OFEB-3-19 | 1000 |

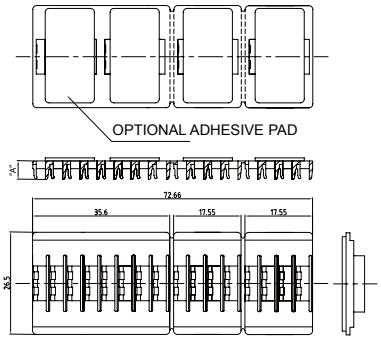
EFA04-06/EFA04-08

## 16-Way Fibre Clips

**UL94 V0 Nylon 6, RMS-390;**
**Adhesive,RMS-143**

- Can be broken apart to form 3 individual clips holding 4, 4 and 8 components
- A broken apart 4-way can be used in the Splice Tray EFA04 25 001






| Part Number | Contents | Color | "A" (mm) | Std Pack Qty |
|---|---|---|---|---|
| EFA04-06-001 | 16-Way 3mm Fibre Clip | Black | 4.8 | 100 |
| EFA04-06-ASS | 16-Way 3mm Fibre Clip With Adhesive pad | Black | 4.8 | 100 |
| EFA04-08-ASS | 16-Way 2mm fibre Clip With Adhesive pad | Blue | 6.4 | 100 |

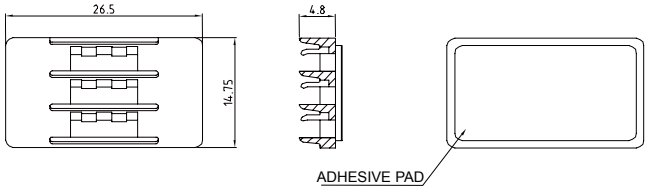
EFA-04-02-ASS

## Fibre Clip

**Black UL94 V0 Nylon 6, RMS-390**

- Designed to hold 3mm diameter fibre or components, i.e. couplers, splice protectors, and WDM's



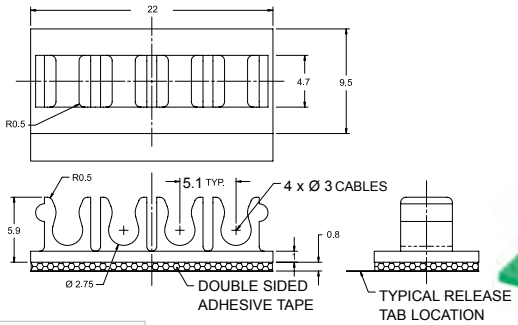



| Part Number | Contents | Std Pack Qty |
|---|---|---|
| EFA-04-02-ASS | 3mm fibre clip with adhesive, RMS-143pad | 100 |

## OFHB3

# Optical Fibre Holder on Base, 3mm

**Natural UL94 V0 Nylon 6/6, RMS-19**
**Adhesive Backing, RMS-15**



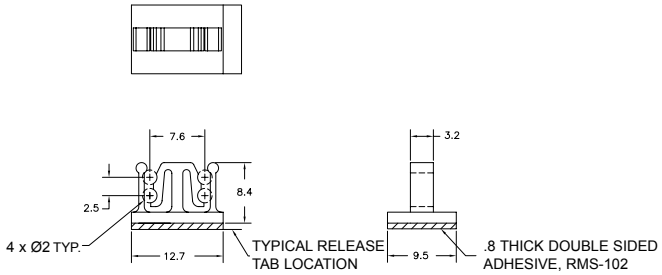



| Part Number | Std Pack Qty |
|---|---|
| OFHB3-4-19A-RT | 1000 |

## OFHB2

# Optical Fibre Holder on Base, 2mm

**Natural Nylon 6/6, RMS-19**



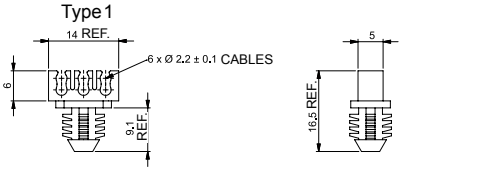



| Part Number | Std Pack Qty |
|---|---|
| OFHB2-4A1-RT-19 | 1000 |

## OFB-BH

# Optical Fibre Bracket, Blind Hole

**Natural UL94 V0 Nylon 6/6, RMS-19**





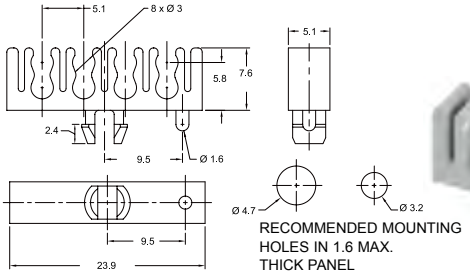

| Part Number | Type | Hole Ø | Panel Thickness | Std Pack Qty |
|---|---|---|---|---|
| OFB-BH-6-19 | 1 | 7.92 ± 0.05 | 6.35 Min. | 1000 |
| OFB-BH-9-19 | 2 | 7.92 ± 0.05 | 6.35 Min. | 1000 |

## OFB3P

# Optical Fibre Bracket, 3mm, Plug-In, 4 Slot

**Natural UL94 V0 Nylon 6/6, RMS-19**

- Anti-rotation pin prevents fibre kinking due to bracket turning in the mounting hole





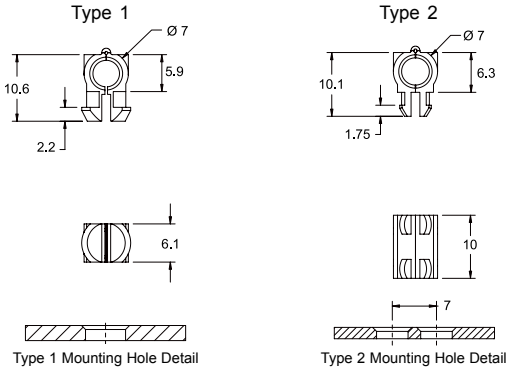

| Part Number | Std Pack Qty |
|---|---|
| OFB3P-4-19 | 1000 |

OFTGSP

## OFBLT Mounting Saddle

**Natural UL94 V0 Nylon 6/6, RMS-19**





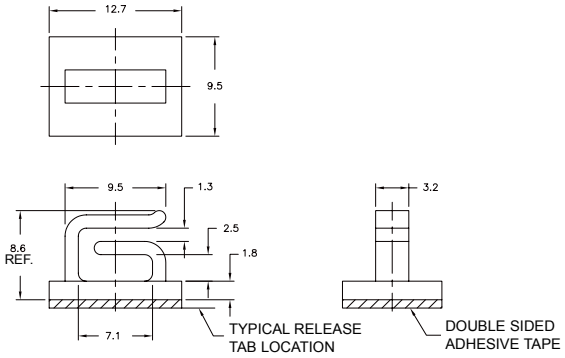

| Part Number | Type | Hole Ø (mm) | Panel Thickness Max (mm) | Std Pack Qty |
|---|---|---|---|---|
| OFTGSP-1-05-19 | 1 | 6.35 ± 0.08 | 2.4 | 100 |
| OFTGSP-2-05-19 | 2 | 5 ± 0.08 | 1.8 | 100 |

MOFNSB

## Mini Optical Fibre Network Saddle on Adhesive Base

**Adhesive Back: RMS-15**





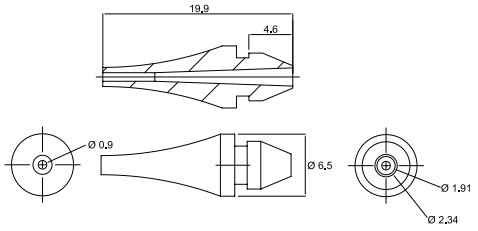

| Part Number | | Std Pack Qty |
|---|---|---|
| Natural Nylon 6/6, RMS-01 | Natural UL94 V0 Nylon 6/6,RMS-19 | |
| MOFNSB-2-01A-RT | MOFNSB-2-19A-RT | 1000 |

EFA70-07-001

## Strain Relief Boot 900 Micron Fibre

**Black TPE, RMS-185**





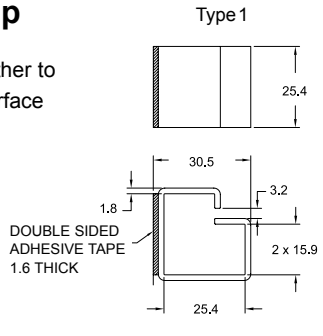

| Part Number | Hole Ø (mm) | Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|
| EFA70-07-001 | 4 | 1.6 | 500 |

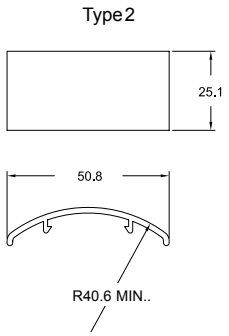
OFCC/OFCG

## Optical Fibre Coiling Clip

**Black Rigid, RMS-04; Adhesive,RMS-15**

- Two extruded clips snap into each other to form a clip with a smooth, curved surface to accommodate fibre optic bundles





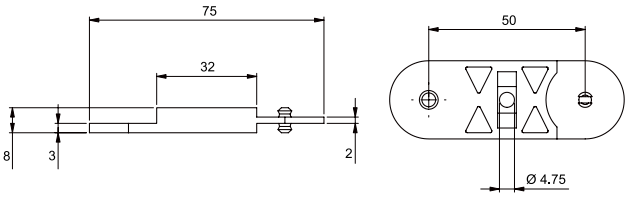

| Part Number | Type | Std Pack Qty |
|---|---|---|
| OFCC-16A-RT | 1 | 100 |
| OFCG-16 | 2 | 100 |

OFCP

## Chain Plate

**Natural UL94 V0 Nylon 6/6; RMS-19**

- Complete the circle for an excess fibre spool to form a “Y” for breakout points
- All connections maintain a bend radius greater than 30mm





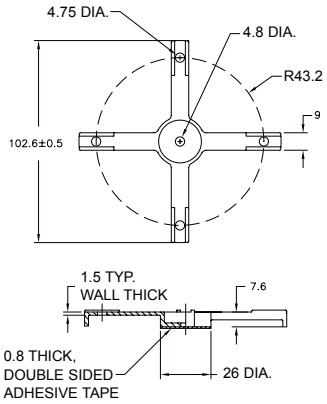

| Part Number | Std Pack Qty |
|---|---|
| OFCP-50-19 | 500 |

OFSB

## Optical Fibre Support Base

**Natural, RMS-19**

- Designed for use in fibre optic patch panel applications






| Part Number | | Mounting Method | Std Pack Qty |
|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | |
| OFSB-4-85-01A | OFSB-4-85-19A | Adhesive tape, RMS-15 | 100 |
| OFSB-4-85-01 | OFSB-4-85-19 | Screw or Rivet Mount | 100 |

| Mounting Rivets (B-black, W-white) | | |
|---|---|---|
| Part Number | Hole Ø | Panel Thickness Range |
| SR-5045 | 5.1 - 5.2 | 1.5 - 2.5 |
| SR-5055 | 5.1 - 5.2 | 2.5 - 3.5 |
| SR-5065 | 5.1 - 5.2 | 3.5 - 4.5 |
| SR-5075 | 5.1 - 5.2 | 4.5 - 5.5 |
| SR-5085 | 5.1 - 5.2 | 5.5 - 6.5 |
| SR-5095 | 5.1 - 5.2 | 6.5 - 7.5 |
| SR-5105 | 5.1 - 5.2 | 7.5 - 8.5 |

**EFA04**

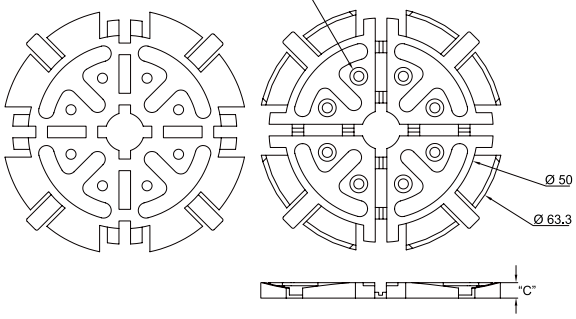
# Fibre Reels

**UL94 V0 Nylon 6, RMS-390;**
**Adhesive: RMS-143**

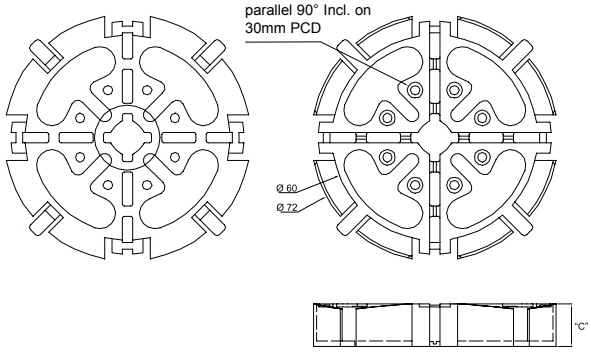
- Board mountable using Stand-off EFA04 27 ASS
- Stackable using Stacking Pillar EFA04 53 ASS
- Type 1 can be broken apart into 4-90° bending control devices



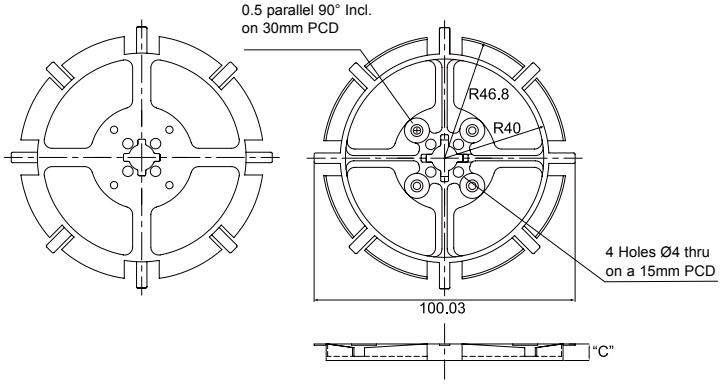
Type 1
8 Holes Ø2.8,
C/SK Ø4.6 with 0.5
parallel 90° Incl. on
30mm PCD




Type 2
8 Holes, Ø2.8 C/SK
Ø4.6 with 0.5mm
parallel 90° Incl. on
30mm PCD




Type 3
4 Holes Ø2.8,
C/SK Ø4.6 with
0.5 parallel 90° Incl.
on 30mm PCD




| Part Number | Type | Contents | "C" (mm) | Max. Fibre Storage | Std Pack Qty |
|---|---|---|---|---|---|
| EFA04-04-001 | 1 | 25 mm radius fibre reel 4 2.5m of 900 micron fibre | 4 | 2.5m of 900 micron fibre | 100 |
| EFA04-04-ASS | 1 | EFA04-04-001 with 4 self-adhesive pads | 4 | 2.5m of 900 micron fibre | 100 |
| EFA04-21-001 | 1 | 25 mm radius fibre reel 4 2.5m of 900 micron fibre | 6.35 | 4.5m of 900 micron fibre | 100 |
| EFA04-21-ASS | 1 | EFA04-21-001 with 4 self-adhesive pads | 6.35 | 4.5m of 900 micron fibre | 100 |
| EFA04-10-001 | 2 | 30 mm radius fibre reel 4 2.5m of 900 micron fibre | 3.9 | 3m of 900 micron fibre | 100 |
| EFA04-10-ASS | 2 | EFA04-10-001 with 4 self-adhesive pads | 3.9 | 3m of 900 micron fibre | 100 |
| EFA04-14-001 | 2 | 30 mm radius fibre reel 4 2.5m of 900 micron fibre | 12.4 | 9m of 900 micron fibre | 100 |
| EFA04-14-ASS | 2 | EFA04-14-001 with 4 self-adhesive pads | 12.4 | 9m of 900 micron fibre | 100 |
| EFA04-76-001 | 2 | 35 mm radius fibre reel 4 2.5m of 900 micron fibre | 8 | 15m of 900 micron fibre | 100 |
| EFA04-76-ASS | 2 | EFA04-76-001 with 4 self-adhesive pads | 8 | 15m of 900 micron fibre | 100 |
| EFA04-23-001 | 3 | 40 mm radius fibre reel 4 2.5m of 900 micron fibre | 6.35 | 7m of 900 micron fibre | 100 |

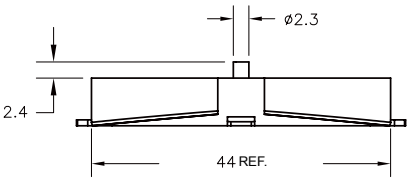
OFS90

## Optical Fibre Segment 90°, 30mm Radius

**Natural UL94 V0 Nylon 6/6, RMS-19**

- Assemble two pieces for bend control around a 180° turn
- In a four-piece assembled mode, stores approximately 60m of 900 micron fibre

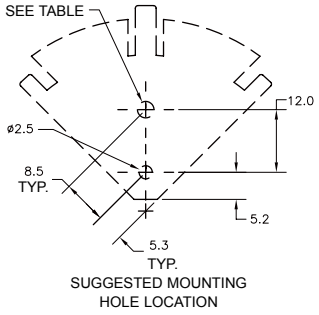


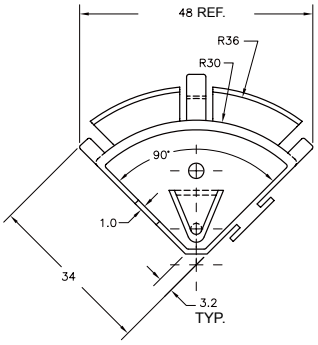



| Part Number | Std Pack Qty |
|---|---|
| OFS90 | 100 (25 sets) |

Mounting Rivets

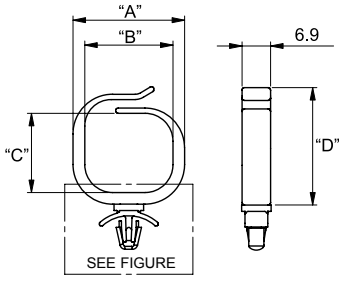
| Part Number | Thickness Range | Mounting Hole Ø | Std Pack Qty |
|---|---|---|---|
| SRV0-3035B | Up to 1 | 3.1-3.2 | 1000 |
| SRV0-3045B | 1-2 | 3.1-3.2 | 1000 |
| SRV0-3055B | 2-3 | 3.1-3.2 | 1000 |
| SRV0-3065B | 3-4 | 3.1-3.2 | 1000 |
| SRV0-3075B | 4-5 | 3.1-3.2 | 1000 |
| SRV0-3080B | 4.5-5.5 | 3.1-3.2 | 1000 |
| SRV0-3090B | 5.5-6.5 | 3.1-3.2 | 1000 |
| SRV0-3100B | 6.5-7.5 | 3.1-3.2 | 1000 |



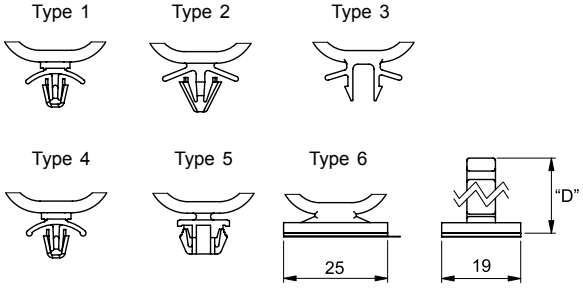

OFNS

## Optical Fibre Network Saddle












| Part Number | | | Type | Dimensions (mm) | | | | Mounting Hole | Thickness Range | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| Natural UL94 V2 Nylon 6/6,RMS-01 | Black UL94 V2 Nylon 6/6,RMS-01 | Natural UL94 V0 Nylon 6/6,RMS-19 | | A | B | C | D | | | |
| OFNS-16-187-01 | OFNS-16-187-01B | OFNS-16-187-19 | 1 | 34.3 | 28.7 | 25.1 | 34.4 | Ø 4.75 | 0.8 - 2 | 1000 |
| OFNS-13-187-01 | OFNS-13-187-01B | OFNS-13-187-19 | 1 | 26.8 | 21.2 | 19 | 28.2 | Ø 4.75 | 0.8 - 2 | 1000 |
| OFNS-16-312-01 | OFNS-16-312-01B | - | 2 | 34.3 | 28.7 | 25.1 | 34.4 | Ø 7.92 | 0.8 - 1.6 | 1000 |
| OFNS-13-312-01 | OFNS-13-312-01B | OFNS-13-312-19 | 2 | 26.8 | 21.2 | 19 | 28.2 | Ø 7.92 | 0.8 - 1.6 | 1000 |
| OFNS-16-S307-01 | - | OFNS-16-S307-19 | 3 | 34.3 | 28.7 | 25.1 | 34.4 | ☐ 7.8 | 0.8 - 2 | 1000 |
| OFNS-13-250-01 | OFNS-13-250-01B | OFNS-13-250-19 | 4 | 26.8 | 21.2 | 19 | 28.2 | Ø 6.35 | 0.8 - 2 | 1000 |
| OFNS13-S9.5M-01 | - | OFNS13-S9.5M-19 | 5 | 26.8 | 21.2 | 19 | 28.2 | ☐ 9.5 | 0.8 - 2 | 1000 |
| OFNS16-S9.5M-01 | OFNS16-S9.5-01B | OFNS16-S9.5M-19 | 5 | 34.3 | 28.7 | 25.1 | 34.4 | ☐ 9.5 | 0.8 - 2 | 1000 |
| OFNS28-S9.5M-01 | - | OFNS28-S9.5M-19 | 5 | 43 | 35 | 44 | 55 | ☐ 9.5 | 0.8 - 2 | 500 |

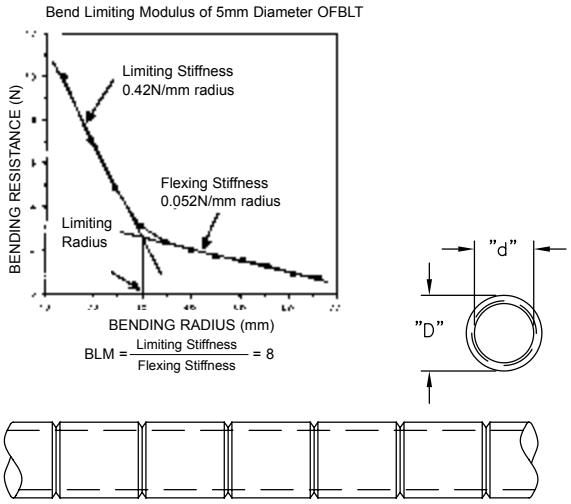
**OFBLT**

## Optical Fibre Bend Limiting Tubing

**White PP, RMS-86, UL94-V0**

- Optical Fibre Bend Limiting Tubing offers the ultimate protection to fibres eliminating problems such as crushing, kinking, and micro bending, while supplying an entire, selfmanaging solution to managing the routing of fibre
- Suitable for blown fibre applications over short distance and for curbside FTTH/FTTB applications





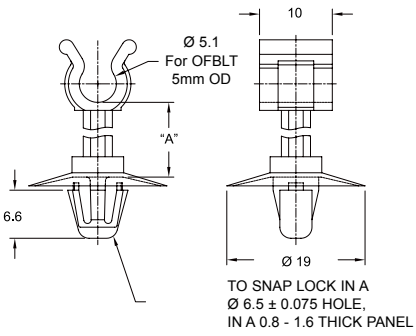

| Part Number | Dimensions (mm) | | Install Tool Required | Std Pack Qty |
|---|---|---|---|---|
| | "D" +0.00-0.10 | "d" +0.20-0.10 | | |
| Standard Version | | | | |
| OFBLT-2.6-05-PP | 5.05 | 2.6 | - | 100 |
| OFBLT-42-635PP | 6.35 | 4.2 | - | 100 |
| Pull-Cord Version | | | | |
| OFBLTP-31-505PP | 5.05 | 3.1 | - | 100 |
| Slit Version | | | | |
| OFBLTS2.6-05-PP | 5.05 | 2.6 | OFZT-2-14-RD | 100 |
| OFBLTS-42-635PP | 6.35 | 4.2 | OFZT-2-14-RD | 100 |

**TPCE**

## Tube & Pipe Clip

**Natural**



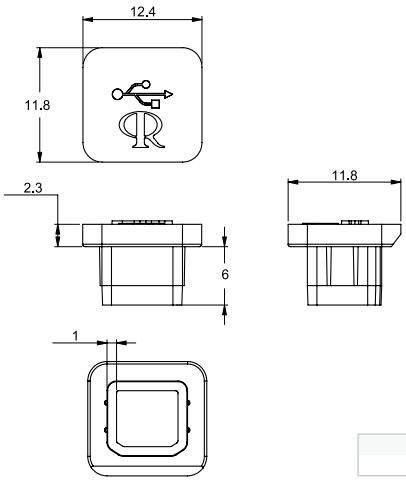



| Part Number | | "A"(mm) | Std Pack Qty |
|---|---|---|---|
| UL94 V2 Nylon 6/6, RMS-01 | UL94 V0 Nylon 6/6, RMS-19 | | |
| TPCE5-51-4M-01 | TPCE5-51-4M-19 | 4 | 1000 |
| TPCE5-51-6M-01 | TPCE5-51-6M-19 | 6 | 1000 |
| TPCE5-51-10M-01 | TPCE5-51-10M-19 | 10 | 1000 |

CP-USB-B

## USB Connector Plug

**Black Silicone Rubber, RMS-383**





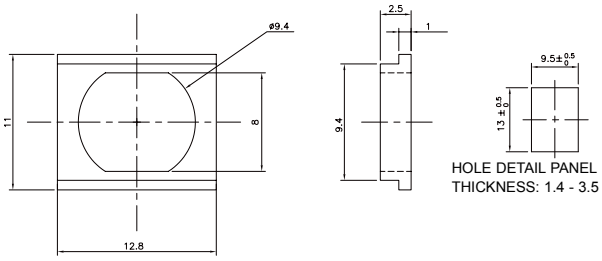

| Part Number | Std Pack Qty |
|---|---|
| CP-USB-B | 1000 |

OFCA-SC/ST-01

## Optical Fibre Connector Cutout Adapter - SC/ST

**Natural Nylon 6/6, RMS-01**

- Converts a hole cut out for an SC connector into a hole cut out for an ST connector



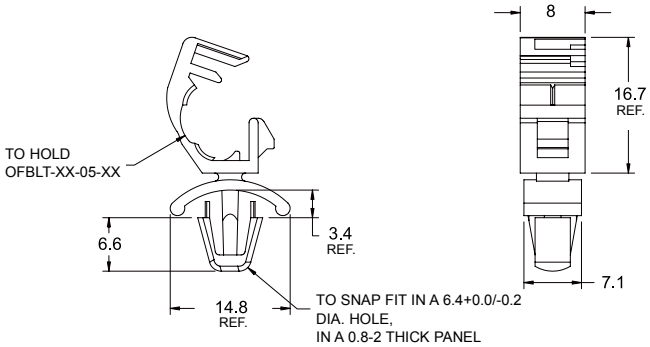



| Part Number | Std Pack Qty |
|---|---|
| OFCA-SC/ST-01 | 1000 |

OFBLT-C1

## Optical Fibre Bend Limiting Tubing Clip

**Natural**






| Part Number | Material | Std Pack Qty |
|---|---|---|
| OFBLT-C1-5-01 | UL94 V2 Nylon 6/6, RMS-01 | 1000 |
| OFBLT-C1-5-19 | UL94 V0 Nylon 6/6, RMS-19 | 1000 |

BPE

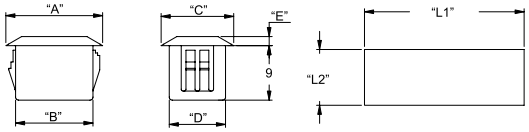
## Blanking Plugs

**UL94V-2 Nylon6/6, RMS-01**

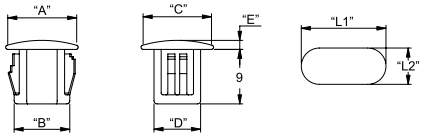
- ST Series covers “Double-D,” “D” or round hole cutouts for unused terminals in fibre optic boxes



Type 1




Type 2



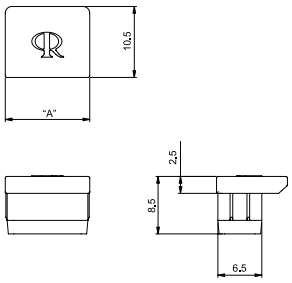

| Part Number | Type | Dimensions (mm) | | | | | Hole Size | | Panel Thickness | Color | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | “A” | “B” | “C” | “D” | “E” | “L1” | “L2” | | | |
| BPE-SC-1-01 | 1 | 21.5 | 12.8 | 12 | 9.3 | 1.5 | 13 | 9.5 | 1.4 - 3.5 | Black | 1000 |
| BPE-SC-2-01 | 1 | 16 | 12.8 | 12 | 9.3 | 1.5 | 13 | 9.5 | 1.4 - 3.5 | Black | 1000 |
| BPE-SC-3-01 | 1 | 34.8 | 25.8 | 12 | 9.3 | 1.5 | 26 | 9.5 | 1.4 - 3.5 | Black | 1000 |
| BPE-RJ45-01 | 1 | 17.7 | 14.7 | 22 | 19.1 | 1.5 | 19.3-20 | 14.9-15 | 0.75, 1.2, 1.6, 2.7, 3.5 | Grey | 1000 |
| BPE-RJ45-01BK | 1 | 17.7 | 14.7 | 22 | 19.1 | 1.5 | 19.3-20 | 14.9-15 | 0.75, 1.2, 1.6, 2.7, 3.5 | Black | 1000 |
| BPE-RJ45-01WH | 1 | 17.7 | 14.7 | 22 | 19.1 | 1.5 | 19.3-20 | 14.9-15 | 0.75, 1.2, 1.6, 2.7, 3.5 | White | 1000 |
| BPE-LC-D-01 | 1 | 15 | 13.2 | 15 | 13.2 | 2 | 13.5 | 13.5 | 0.75, 1.2, 1.6, 2.7, 3.75 | Black | 1000 |
| BPE-ST-1-01 | 2 | Ø12 | Ø9.2 | Ø12 | 7.7 | 1.5 | Ø9.4 | 7.9 | 1.4 - 3.5 | Black | 1000 |

CP-RJ

## RJ Connector Plugs

**Black**



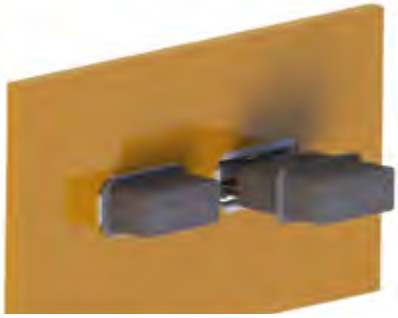


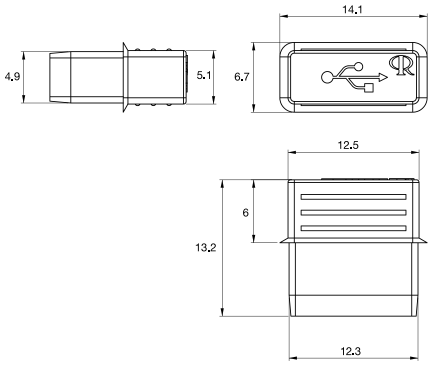

| Part Number | “A” (mm) | To Accommodate | Material | Std Pack Qty |
|---|---|---|---|---|
| CP-RJ11 | 10.5 | RJ11 Connector | Silicone Rubber, RMS-383 | 1000 |
| CP-RJ11-427 | 10.5 | RJ11 Connector | EPDM Rubber, RMS-427 | 1000 |
| CP-RJ45 | 12.5 | RJ45 Connector | Silicone Rubber, RMS-383 | 1000 |
| CP-RJ45-427 | 12.5 | RJ45 Connector | EPDM Rubber, RMS-427 | 1000 |

CP-USB-A

## USB Connector Plugs

**Black Silicone Rubber, RMS-383**






| Part Number | Std Pack Qty |
|---|---|
| 1342661 | 1000 |

# WE'VE GOT IT!
# CIRCUIT BOARD HARDWARE



**Dual Locking Spacers**
Pages 91-104

**Push Spacers**
Page 105-107





**Reverse Locking Spacers**
Pages 108-112

**Insulators**
Pages 135-140





**Threaded / Metal Spacers**
Pages 121-134

**Specialist Spacers**
Pages 113-120



ESSENTRA COMPONENTS







# FAN-TASTIC **NEW** ACCESSORIES

Fan accessories provide protection and mounting for small DC and AC fans. Suitable for industrial and computing applications.

FAN GUARDS prevent debris falling into the fan blades and accidental obstruction.

SILICON FAN MOUNTINGS offer a simpler, faster installation method than conventional screw mounts.



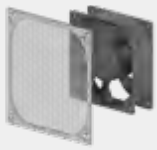
FREE Samples

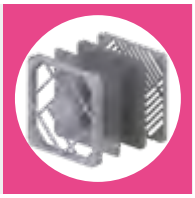
Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# FAN ACCESSORIES


**Filters**

**366**





**Fan Guards**

**367**





**Fan Mounting Accessories**

**368-371**



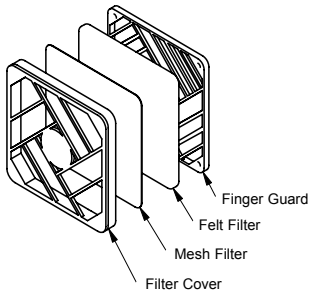


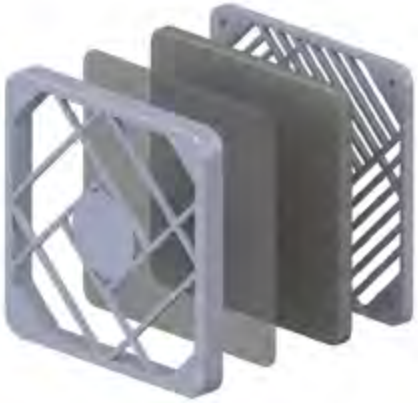
RCP/RFG/RFC/RFF/RMF

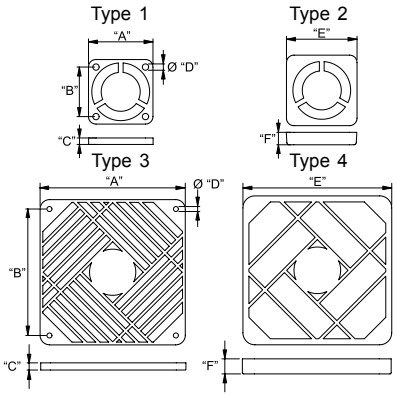
# Fan Filters

**Black EPDM**

- Filter set (RCP) provides IP30 protection
- Filter Set includes finger guard, filter cover, mesh filter and felt filter
- Filter Cover & Guard: Black Nylon 6/6 25% Glass Filled UL94 V0, RMS-27
- Felt Filter: White Polyester, RMS-28
- Mesh Filter: Stainless Steel AISI 304, RMS-29





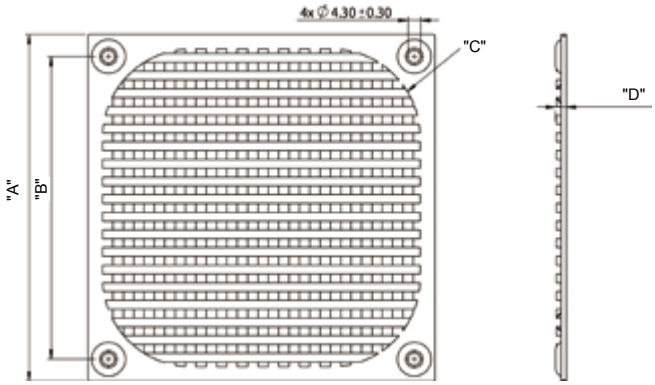

| Filter Set Part Number | Finger Guard | | | | | | Filter Cover (not sold separately) | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Finger Guard Part Number | "A" | "B" | "C" | "D" Hole Ø Min. | Type | Filter Cover Part Number | "E" | "F" | Type |
| RCP-040-T | RFG-040-T | 43 | 32.2 | 4.3 | 4.1 | 1 | RFC-040-T | 46.5 | 8.4 | 3 |
| RCP-060-T | RFG-060-T | 60.5 | 50.1 | 6 | 4.1 | 2 | RFC-060-T | 64.9 | 12.5 | 4 |
| RCP-080-T | RFG-080-T | 80.6 | 71.8 | 6 | 4.1 | 2 | RFC-080-T | 84.8 | 12.5 | 4 |
| RCP-092-T | RFG-092-T | 92.3 | 82.4 | 6 | 4.1 | 2 | RFC-092-T | 96.9 | 12.5 | 4 |
| RCP-120-T | RFG-120-T | 120.6 | 105.5 | 6.2 | 4.1 | 2 | RFC-120-T | 126.3 | 12.5 | 4 |

| | 40 x 40 | 60 x 60 | 80 x 80 | 92 x 92 | 120 x 120 |
|---|---|---|---|---|---|
| Filter Set | RCP-040-T (50/Box) | RCP-060-T (20/Box) | RCP-080-T (10/Box) | RCP-092-T (10/Box) | RCP-120-T (10/Box) |

MFFC

# Metal Filter Frame

- Frame:Aluminum with 0.6mm thickness(RMS-467C)
- Mesh:24#25.4mm Stainless(RMS-468C)

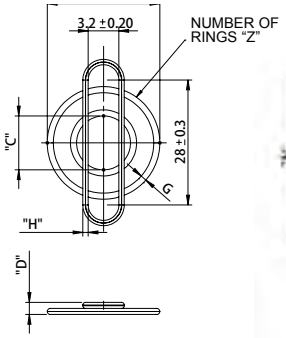



| Part Number | "A±1" | "B±1" | "C"REF. | "D"REF. | Std Pack Qty |
|---|---|---|---|---|---|
| MFFC-60 | 59.2 | 50.0 | 7.5 | 3.5 | 100 |
| MFFC-80 | 83.0 | 71.7 | 10.0 | 3.5 | 100 |
| MFFC-92 | 91.5 | 82.5 | 12.5 | 3.5 | 100 |
| MFFC-120 | 118.5 | 105.0 | 25.0 | 3.5 | 100 |

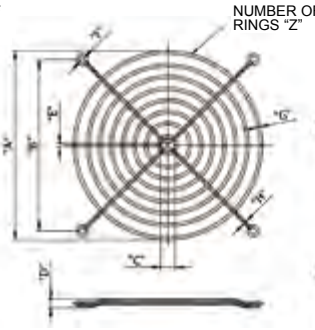
**MFGC**

# Meted Fan Guard

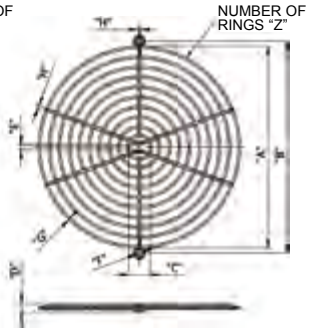
**Steel Wire Electroplated, RMS-466C**
**Plating: Nickel Chrome**




Type 1




Type 2



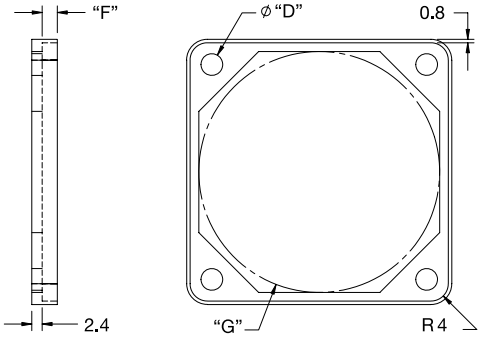

Type 3

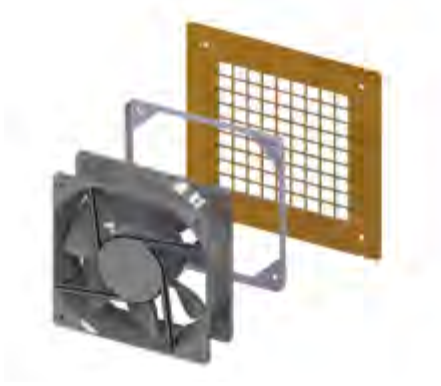
| Part Number | "A±0.8" | "B±0.8" | "C"REF. | "D"REF. | "E"REF. | "F±0.8" | "G"REF. | "H"REF. | "Z" | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MFGC-25 | 24.0 | - | 10.5 | 2.5 | - | - | 1.4 | 1.4 | 2 | 1 | 100 |
| MFGC-40 | 29.2 | 32.0 | 14.2 | 4.8 | 2.8 | 4 | 1.6 | 1.6 | 2 | 2 | 100 |
| MFGC-50 | 41.0 | 42.0 | 14.5 | 4.8 | 4.0 | 4.8 | 1.6 | 1.6 | 3 | 2 | 100 |
| MFGC-60 | 53.2 | 49.5 | 14.2 | 5.0 | 4.8 | 5.0 | 1.6 | 1.6 | 4 | 2 | 100 |
| MFGC-80 | 76.2 | 71.5 | 14.2 | 5.4 | 2.8 | 5.0 | 1.6 | 1.6 | 5 | 2 | 100 |
| MFGC-92 | 90.0 | 82.5 | 14.2 | 5.0 | 4.7 | 4.6 | 1.6 | 1.8 | 6 | 2 | 100 |
| MFGC-120 | 115.6 | 104.8 | 9.0 | 5.5 | 1.0 | 4.6 | 1.8 | 1.8 | 8 | 2 | 100 |
| MFGC-150 | 154.0 | 161.8 | 16.2 | 6.45 | 1.2 | 4.9 | 1.8 | 2.3 | 10 | 3 | 100 |

**FGA**

# Fan Gasket

- Black Silicone Rubber, 40 Shore A, RMS-101



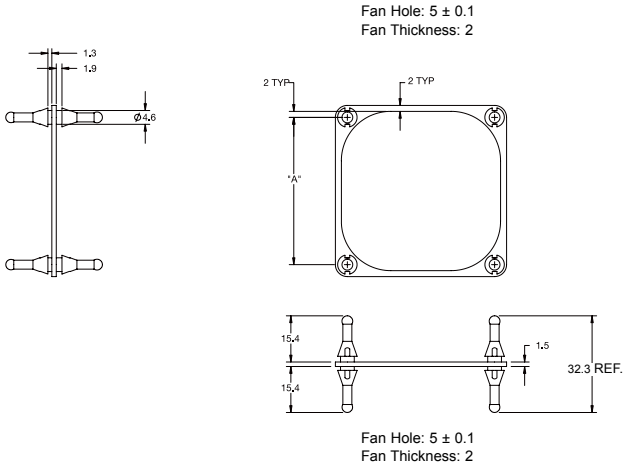
| Part Number | Fan Size | Fan Hole Spacing | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | | "D" | "F" | "G" REF. | |
| FGA-40 | 40 | 32 | 4.5 | 3.5 | 36 | 100 |
| FGA-50 | 50 | 40 | 4.5 | 3.5 | 46 | 100 |
| FGA-60 | 60 | 50 | 5 | 3.5 | 56 | 100 |
| FGA-70 | 70 | 61.5 | 5 | 4 | 66 | 100 |
| FGA-80 | 80 | 71.5 | 5 | 4 | 75 | 100 |
| FGA-92 | 92 | 82.5 | 5 | 4 | 87 | 100 |
| FGA-120 | 120 | 105 | 5 | 4 | 115 | 100 |

**FMG**

## Fan Mount Gasket

• Black EPDM Rubber 40 Shore A, RMS-180



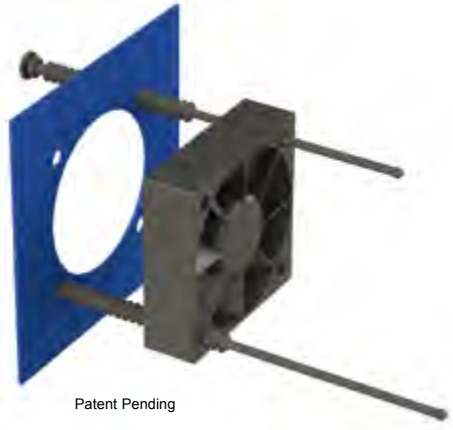



| Part Number | "A"(mm) | Std Pack Qty |
|---|---|---|
| FMG-1 | 50 | 100 |
| FMG-2 | 71.5 | 100 |
| FMG-3 | 105.2 | 100 |

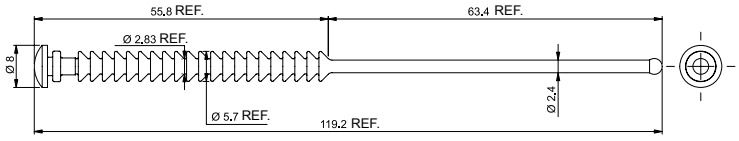
**FMM**

## Multi Fan Mount

• Black Silicone Rubber 40 Shore A, RMS-316



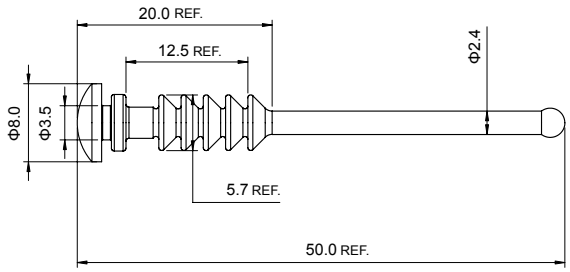
Patent Pending




| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Fan Thickness | Fan Hole Ø | Panel Thickness | Panel Hole Ø | |
| FMM-1 | 10 - 51 | 3.2 - 4.5 | 1 - 1.5 | 4.5 - 4.8 | 500 |

FMM/FMMS

## Multi-Fan Mount





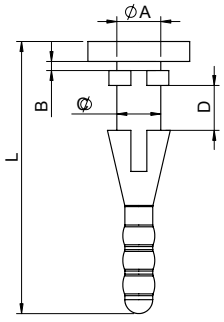

| Part Number | Material | Color | Hardness | UL Grade | Std Pack Qty |
|---|---|---|---|---|---|
| FMMS-1 | Silicon Rubber (RMS-398) | Grey | 50±5 | V-0 | 1000 |
| FMMS-2 | Silicon Rubber (RMS-398) | Black | 50±5 | HB | 1000 |

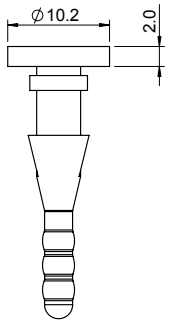
SDFM

## Fan Mount

**Black TPE, RMS-465C**
**40±5 Shore A**

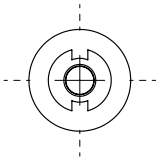
• UL Grade: UL94 V0







| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Panel Hole (A) | Panel Thickness (B) | Fan Thickness | Fan Hole (C) | Fan Length (L) | |
| SDFM-1-B | 4.4 | 0.8 | 3.0 | 4.4 | 25.8 | 1000 |
| SDFM-2-B | 4.4 | 0.8 | 3.6 | 4.4 | 26.4 | 1000 |
| SDFM-3-B | 4.4 | 0.8 | 4.5 | 4.4 | 27.3 | 1000 |
| SDFM-4-B | 3.5 | 0.9 | 4.0 | 3.5 | 24.5 | 1000 |
| SDFM-5-B | 4.0 | 1.3 | 4.5 | 4.4 | 27.8 | 1000 |
| SDFM-6-B | 4.0 | 0.9 | 5.0 | 4.3 | 27.9 | 1000 |

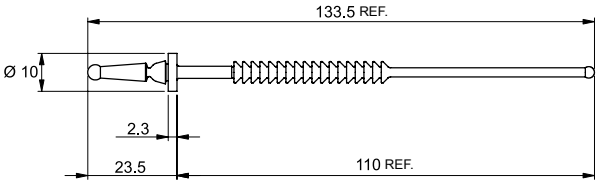
**FMB**

## Break-Away Fan Mount

- Black Silicone Rubber 40 Shore A, RMS-316



Type 2




| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | Panel Hole Ø | Panel Thickness | Fan Hole Ø | Fan Thickness | |
| FMB-1 | 2 | 4.5 - 5 | 0.8- 1.6 | 4 - 4.5 | 25 - 51 | 1000 |

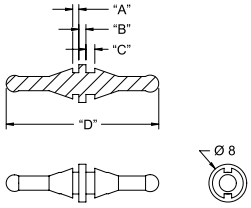
**FM**

## Fan Mounts

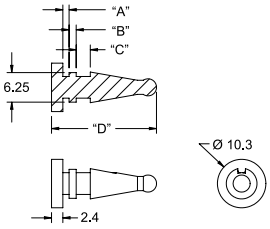
- Black EDPM Rubber/Silicone Rubber

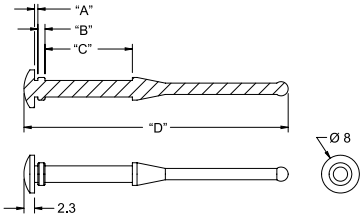


Type 1

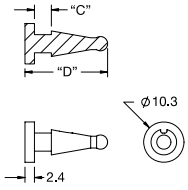



Type 2

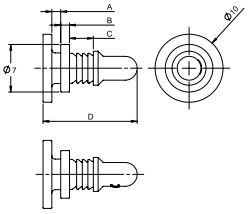


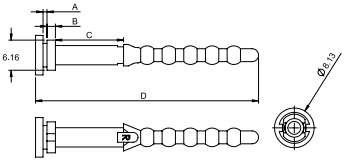

Type 3




Type 4




Type 5




Type 6

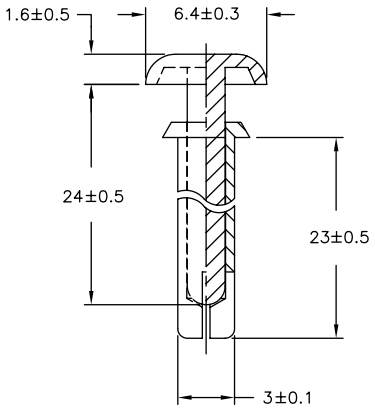
| Part Number | Type | Material | Dimensions (mm) | | | | Hole Ø x 2 (mm) | Fan Thickness (mm) | Max. Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | "A" | "B" | "C" | "D" | | | | |
| FM-1 | 1 | EPDM Rubber, 30 Shore A, RMS-166 | 1.3 | 1.5 | 1.9 | 32.3 | 5 | 2 | 1.4 | 1000 |
| FM-2 | 1 | EPDM Rubber, 40 Shore A, RMS-180 | 1.3 | 1.5 | 1.9 | 32.3 | 5 | 2 | 1.4 | 1000 |
| FM-3 | 2 | EPDM Rubber, 30 Shore A, RMS-166 | 1.3 | 1.5 | 3 | 22.2 | 5 | 3.1 | 1.4 | 1000 |
| FM-4 | 2 | EPDM Rubber, 40 Shore A, RMS-180 | 1.3 | 1.5 | 3 | 22.2 | 5 | 3.1 | 1.4 | 1000 |
| FM-5 | 3 | Silicone Rubber, 40 Shore A, RMS-316 | 0.7 | 1.5 | 18.5 | 56 | 3.5 | 20 | 0.8 | 1000 |
| FM-6 | 3 | Silicone Rubber, 40 Shore A, RMS-316 | 2.5 | 2 | 14 | 53.8 | 4.3 | 15 | 3 | 1000 |
| FM-7 | 3 | Silicone Rubber, 40 Shore A, RMS-316 | 0.7 | 1.5 | 24 | 73 | 3.5 | 25 - 28 | 0.8 | 1000 |
| FM-8 | 4 | EPDM Rubber, 30 Shore A, RMS-166 | - | - | 4.3 | 21 | 5 | 5.4* | 5.4* | 1000 |
| FM-9 | 4 | EPDM Rubber, 40 Shore A, RMS-180 | - | - | 4.3 | 21 | 5 | 5.4* | 5.4* | 1000 |
| FM-10 | 5 | Silicone Rubber, 60 Shore, RMS-398 | 1.3 | 1.3 | 3.5 | 13.85 | 5.2 | 4.0 | 1.3 | 1000 |
| FM-11 | 6 | Silicone Rubber, 75 Shore, RMS-398 | 0.81 | 1.73 | 13.97 | 45.72 | 5.0 | 15.3 | 0.8 | 1000 |

* Maximum combined panel and fan thickness

SR-3230B

## Snap Rivet (Long)

• Black Nylon 6, RMS-52



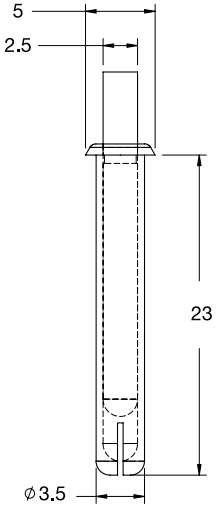



| Part Number | Mounting Hole Ø (mm) | Panel Thickness (mm) | Extraction Force | Std Pack Qty |
|---|---|---|---|---|
| SR-3230B | 3.1-3.2 | 20.5-21.5 | 8kg min. | 1000 |

FR-1

## Fan Mount Rivet

• Black UL94 V2 Nylon 6, RMS-52






| Part Number | Hole Ø (mm) | Panel Thickness (mm) | Installation Tool | Std Pack Qty |
|---|---|---|---|---|
| FR-1 | 3.5 | 20.5 - 21.5 | PPR-T1 | 1000 |

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|---|---|
| HDPE | Polypropylene |
| Nylon | PEEK® |
| PVDF | POM |
| Polycarbonate | TPR |







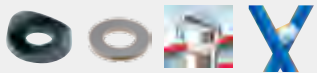
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**Washers, Spacers and Bushes**

374-386





**Screws and Nuts**

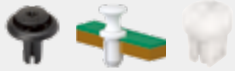
387-413





**Rivets and Panel Fasteners**

414-426





**Barbed and Push-Fit Fasteners**

427-431





**Binder Screws and Snap Fasteners**

433-437





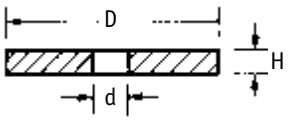
SR 1940

# Washers

**Natural Nylon 6.6**

- Insulate against moisture and electricity
- Resist corrosion, abrasion and most chemicals
- Provide full insulation, cushioning and spacing






| Part Number | | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Natural | Black | d | D | H | |
| 8042560000VR | 1340103 | 2.2 | 5.0 | 0.5 | 1000 |
| 8042780000VR | 1340104 | 2.2 | 5.0 | 1.0 | 1000 |
| 8042690000VR | 1340105 | 2.3 | 4.8 | 0.5 | 1000 |
| 490623 | – | 2.5 | 8 | 1 | 1000 |
| 1110210400VR* | – | 2.6 | 5.0 | 2.0 | 1000 |
| 1110220400VR* | – | 2.6 | 5.0 | 3.0 | 1000 |
| 003025100001 | 1340106 | 2.7 | 6.5 | 0.5 | 1000 |
| 003025000001 | – | 2.7 | 6.8 | 1.1 | 1000 |
| 003020200001 | – | 2.7 | 8.0 | 1.0 | 1000 |
| 1001080000VR | – | 2.7 | 9.0 | 1.0 | 1000 |
| 1008360000VR | – | 2.7 | 10.0 | 1.0 | 1000 |
| 1007870000VR | – | 3.0 | 7.0 | 1.0 | 1000 |
| 1007880000VR | – | 3.0 | 8.0 | 2.5 | 1000 |
| 1110300400VR* | – | 3.1 | 5.0 | 2.0 | 1000 |
| 1110310400VR* | – | 3.1 | 5.0 | 3.0 | 1000 |
| 1006020000VR | 1340107 | 3.1 | 6.0 | 1.0 | 1000 |
| 1112130000VR | – | 3.1 | 8.0 | 3.0 | 1000 |
| 1005190000VR | 1340108 | 3.2 | 6.0 | 2.0 | 1000 |
| 003030500001 | 1340109 | 3.2 | 7.0 | 0.5 | 1000 |
| 470833 | – | 3.2 | 7.0 | 1.4 | 1000 |
| 8042400000VR | 1340110 | 3.2 | 7.2 | 1.0 | 1000 |
| 1001120000VR | – | 3.2 | 8.1 | 1.5 | 1000 |
| 1344045 | – | 3.2 | 10 | 0.8 | 1000 |
| 470831 | – | 3.2 | 12.8 | 0.8 | 1000 |
| 033030100001 | – | 3.2 | 15.0 | 1.5 | 500 |
| 490624 | 1340111 | 3.3 | 8.0 | 1.0 | 1000 |
| 1344070 | – | 3.4 | 10.0 | 2.0 | 1000 |
| 1008330000VR | 1340112 | 3.5 | 7.0 | 1.0 | 1000 |
| 003030300001 | – | 3.5 | 8.0 | 1.0 | 1000 |
| 1005220000VR | 1340113 | 3.6 | 8.0 | 0.8 | 1000 |
| 1344060 | – | 3.7 | 7.0 | 0.5 | 1000 |
| 1009930000VR | 1340114 | 4.0 | 7.0 | 2.0 | 1000 |
| 17W06878 | – | 4.0 | 17.5 | 3.2 | 1000 |
| 490622 | 1340115 | 4.1 | 10.0 | 1.0 | 1000 |
| 1001170000VR | 1340116 | 4.2 | 8.0 | 1.2 | 1000 |
| 1001180000VR | – | 4.2 | 8.0 | 2.0 | 1000 |
| 490625 | 1340117 | 4.2 | 8.0 | 3.0 | 1000 |
| 1342920 | – | 4.2 | 9.0 | 2.5 | 1000 |
| 490617 | – | 4.2 | 10.0 | 0.8 | 1000 |
| 1001200000VR | – | 4.2 | 10.0 | 1.0 | 1000 |
| 1001210000VR | – | 4.2 | 10.0 | 1.2 | 1000 |
| 1007900000VR | – | 4.2 | 10.0 | 1.5 | 1000 |
| 1000130000VR | – | 4.2 | 10.0 | 2.0 | 1000 |
| 1344047 | – | 4.3 | 7.0 | 0.5 | 1000 |
| 497520 | – | 4.3 | 7.0 | 2.0 | 1000 |
| 490626 | 1340118 | 4.3 | 8 | 0.8 | 1000 |
| 003040700001 | 1340119 | 4.3 | 9.0 | 0.8 | 1000 |
| 470834 | – | 4.3 | 9.0 | 1.4 | 1000 |
| 490627 | 1340120 | 4.3 | 12.8 | 0.8 | 1000 |
| 1344078 | – | 4.3 | 18.0 | 1.5 | 1000 |
| 1006590000VR | – | 4.3 | 18.0 | 2.0 | 1000 |
| 1004710000VR | 1340121 | 4.4 | 12.0 | 2.0 | 1000 |
| 1005090000VR | – | 4.5 | 26.0 | 2.0 | 1000 |
| 1344048 | – | 4.9 | 8.0 | 0.8 | 1000 |
| 490612 | – | 4.9 | 9 | 0.8 | 1000 |

| Part Number | | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Natural | Black | d | D | H | |
| 490618 | 1340122 | 4.9 | 10 | 0.8 | 1000 |
| 1006610000VR | – | 4.9 | 12.7 | 1.4 | 1000 |
| 1006620000VR | – | 4.9 | 12.7 | 3.2 | 1000 |
| 1006630000VR | – | 4.9 | 15.9 | 2.5 | 1000 |
| 1007910000VR | – | 5.0 | 12.0 | 1.0 | 1000 |
| 1006630000VR | – | 4.9 | 15.9 | 2.5 | 1000 |
| 1007910000VR | – | 5.0 | 12.0 | 1.0 | 1000 |
| 1005030000VR | 1340123 | 5.1 | 11.1 | 2.4 | 1000 |
| 1008660000VR | 1340124 | 5.2 | 8.0 | 2.0 | 1000 |
| 1008380000VR | – | 5.2 | 9.0 | 1.0 | 1000 |
| 1001240000VR | – | 5.2 | 10.0 | 3.0 | 1000 |
| 490616 | – | 5.2 | 12 | 1 | 1000 |
| 470828 | – | 5.3 | 10 | 1 | 1000 |
| 1007090000VR | – | 5.3 | 12.0 | 1.6 | 1000 |
| 1344044 | – | 5.3 | 12.5 | 1.6 | 1000 |
| 1020180000VR | – | 5.3 | 15.0 | 1.5 | 1000 |
| 1020260000VR | – | 5.3 | 15.0 | 1.6 | 1000 |
| 1344059 | – | 5.3 | 17.0 | 1.6 | 1000 |
| 1007080000VR | – | 5.3 | 18.0 | 1.5 | 1000 |
| 003050100001 | – | 5.3 | 20.0 | 3.0 | 1000 |
| 033050000001 | – | 5.3 | 25.0 | 2.5 | 1000 |
| 041050100001 | – | 5.4 | 10.2 | 1 | 1000 |
| 1344073 | – | 5.5 | 8.0 | 0.8 | 1000 |
| 1344058 | – | 5.5 | 10.0 | 0.8 | 1000 |
| 1344049 | – | 5.5 | 12.8 | 0.8 | 500 |
| 1008300000VR | – | 5.7 | 9.0 | 2.3 | 1000 |
| 1005320000VR | 1340125 | 5.8 | 10.0 | 0.8 | 1000 |
| 470829 | – | 6.0 | 12.0 | 1.0 | 1000 |
| 490619 | 1340126 | 6.1 | 11.0 | 1.0 | 1000 |
| 1000270000VR | – | 6.1 | 16.0 | 1.0 | 1000 |
| 1008680000VR | 1340127 | 6.2 | 10.0 | 1.0 | 1000 |
| 1001310000VR | 1340128 | 6.2 | 12.0 | 1.0 | 1000 |
| 1001320000VR | 1340129 | 6.2 | 12.0 | 2.0 | 1000 |
| 1342918 | – | 6.2 | 12.0 | 3.0 | 1000 |
| 0040140000VR | – | 6.2 | 14.0 | 1.2 | 1000 |
| 1008700000VR | 1340130 | 6.2 | 16.0 | 1.0 | 1000 |
| 1004570000VR | 1340131 | 6.2 | 22.0 | 2.0 | 1000 |
| 1007920000VR | – | 6.3 | 14.0 | 1.0 | 1000 |
| 1000280000VR | – | 6.3 | 16.0 | 3.0 | 1000 |
| 1006670000VR | 1340132 | 6.4 | 10.0 | 2.5 | 1000 |
| 0050320000VR | – | 6.4 | 12.0 | 1.6 | 1000 |
| 0050300000VR | – | 6.4 | 12.5 | 1.6 | 1000 |
| 1002300000VR | – | 6.4 | 14.0 | 1.5 | 1000 |
| 1007510000VR | – | 6.4 | 15.0 | 1.5 | 1000 |
| 1344050 | – | 6.4 | 15.0 | 1.6 | 1000 |
| 1344054 | – | 6.4 | 16 | 1.6 | 1000 |
| 1344046 | – | 6.4 | 18.0 | 1.5 | 1000 |
| 1007050000VR | – | 6.4 | 18.0 | 2.0 | 1000 |
| 1007190000VR | – | 6.4 | 20.0 | 2.0 | 1000 |
| 1007280000VR | – | 6.4 | 22.0 | 2.0 | 1000 |
| 1007320000VR | – | 6.4 | 24.0 | 2.0 | 1000 |
| 8041690000VR | – | 6.4 | 25.0 | 1.6 | 1000 |
| 1006680000VR | – | 6.4 | 30.0 | 3.0 | 1000 |
| 003060600001 | – | 6.5 | 14.0 | 1.2 | 500 |
| 1002380000VR | 1340133 | 6.5 | 15.9 | 0.5 | 1000 |

CONTINUED ON NEXT PAGE

SR 1940

# Washers *CONTINUED*

**Natural Nylon 6.6**

| Part Number | | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Natural | Black | d | D | H | |
| 1342922 | – | 6.5 | 16.5 | 2.5 | 1000 |
| 003060800001 | – | 6.6 | 14.3 | 1.4 | 500 |
| 1007130000VR | – | 7.5 | 18.0 | 1.5 | 1000 |
| 1344068 | – | 7.5 | 18.0 | 2.0 | 1000 |
| 1342919 | – | 7.7 | 12.0 | 2.0 | 1000 |
| 470835 | – | 8.1 | 14.0 | 1.0 | 1000 |
| 8041120000VR | – | 8.1 | 14.0 | 2.0 | 1000 |
| 1007930000VR | – | 8.1 | 14.0 | 3.0 | 1000 |
| 1008730000VR | 1340134 | 8.2 | 12.0 | 1.0 | 1000 |
| 1008740000VR | 1340135 | 8.2 | 12.0 | 2.0 | 1000 |
| 005555000002 | | 8.2 | 12.0 | 3.0 | 500 |
| 1344061 | – | 8.2 | 15.0 | 1.5 | 1000 |
| 1001400000VR | | 8.2 | 16.0 | 1.0 | 1000 |
| 1001410000VR | 1340136 | 8.2 | 16 | 1.5 | 1000 |
| 1001420000VR | 1340137 | 8.2 | 16 | 2 | 1000 |
| 1001430000VR | – | 8.2 | 16 | 3 | 1000 |
| 0040160000VR | – | 8.2 | 18 | 1.5 | 1000 |
| 1008780000VR | – | 8.2 | 25 | 1 | 1000 |
| 1008810000VR | 1340138 | 8.2 | 30 | 1 | 1000 |
| 1008820000VR | 1340139 | 8.2 | 30 | 2 | 1000 |
| 1001450000VR | 1340140 | 8.2 | 30 | 3 | 1000 |
| 031080100001 | – | 8.4 | 13 | 2.8 | 500 |
| 1006730000VR | – | 8.4 | 15 | 1.5 | 1000 |
| 0050350000VR | – | 8.4 | 17 | 1.6 | 1000 |
| 003080000001 | – | 8.4 | 17 | 2 | 500 |
| 1001470000VR | – | 8.4 | 20 | 2 | 1000 |
| 1007250000VR | – | 8.4 | 21 | 2 | 1000 |
| 1008140000VR | – | 8.4 | 22 | 2 | 1000 |
| 1020220000VR | – | 8.4 | 25 | 2 | 1000 |
| 032080000001 | – | 8.4 | 25 | 2.5 | 500 |
| 1006740000VR | – | 8.4 | 40 | 3 | 1000 |
| 1008310000VR | – | 9 | 14.4 | 3 | 1000 |
| 1344075 | – | 9 | 24 | 2 | 1000 |
| 1006750000VR | – | 9.6 | 18 | 1.2 | 1000 |
| 1006760000VR | – | 10.2 | 17 | 2 | 1000 |
| 1001530000VR | – | 10.2 | 20 | 1 | 1000 |
| 0040180000VR | – | 10.2 | 22 | 2 | 1000 |
| 1008860000VR | 1340141 | 10.2 | 25 | 1 | 1000 |
| 1008870000VR | – | 10.2 | 25 | 2 | 1000 |
| 1008880000VR | 1340142 | 10.2 | 25 | 3 | 1000 |
| 1010470000VR | – | 10.5 | 18 | 1.5 | 1000 |
| 003101800001 | – | 10.5 | 21 | 2.5 | 500 |
| 1008320000VR | – | 10.5 | 30 | 3 | 1000 |
| 1007350000VR | – | 10.5 | 34 | 3 | 1000 |
| 1005100000VR | – | 10.5 | 37 | 3 | 1000 |
| 1007370000VR | – | 10.5 | 39.5 | 3 | 1000 |

| Part Number | | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Natural | Black | d | D | H | |
| 1006320000VR | – | 10.5 | 50 | 3 | 1000 |
| 1000990000VR | – | 11 | 27 | 2.5 | 1000 |
| 1006770000VR | – | 11.2 | 18 | 1.2 | 1000 |
| 1007170000VR | – | 12 | 18 | 2 | 1000 |
| 1007210000VR | – | 12 | 20 | 2 | 1000 |
| 1344062 | – | 12 | 22 | 2 | 1000 |
| 1006780000VR | – | 12.2 | 24 | 1.3 | 1000 |
| 1000520000VR | – | 12.5 | 24 | 2.5 | 1000 |
| 1112000000VR | – | 12.8 | 18 | 3 | 1000 |
| 1001620000VR | – | 13 | 20 | 1 | 1000 |
| 1344074 | – | 13 | 21 | 2 | 1000 |
| 1008340000VR | – | 13 | 22 | 2 | 1000 |
| 1008350000VR | – | 13 | 24 | 2 | 1000 |
| 003121500001 | – | 13 | 24 | 2.5 | 500 |
| 1008390000VR | – | 13 | 30 | 3 | 1000 |
| 1007380000VR | – | 13 | 34 | 3 | 1000 |
| 1007390000VR | – | 13 | 36 | 3 | 1000 |
| 1020570000VR | – | 13 | 40 | 3 | 1000 |
| 1007400000VR | – | 13 | 50 | 3 | 1000 |
| 1007020000VR | – | 13.3 | 18 | 1.5 | 1000 |
| 003120500001 | – | 13.4 | 24 | 1.4 | 500 |
| 1007950000VR | – | 14 | 20 | 1 | 1000 |
| 1007960000VR | – | 14.5 | 28 | 1 | 1000 |
| 1006010000VR | – | 14.5 | 32 | 3 | 1000 |
| 1008230000VR | – | 15 | 26 | 2 | 1000 |
| 1344076 | – | 15 | 27 | 2.5 | 1000 |
| 003140000001 | – | 15 | 28 | 2.5 | 250 |
| 1008420000VR | – | 15 | 40 | 3 | 1000 |
| 1007430000VR | – | 15 | 50 | 3 | 1000 |
| 003140300001 | – | 15.2 | 26 | 1.4 | 250 |
| 1009690000VR | 1340143 | 16 | 22 | 3 | 1000 |
| 1008260000VR | – | 16 | 27 | 2 | 1000 |
| 1009350000VR | 1340144 | 16.2 | 25 | 3 | 1000 |
| 1009380000VR | 1340145 | 16.2 | 30 | 3 | 250 |
| 0040240000VR | – | 16.5 | 32 | 3 | 1000 |
| 003160900001 | – | 17 | 30 | 3 | 250 |
| 1008440000VR | – | 17 | 40 | 3 | 1000 |
| 003160500001 | – | 17.2 | 26 | 1.4 | 250 |
| 1008270000VR | – | 17.5 | 27 | 2 | 1000 |
| 1007460000VR | – | 19 | 30 | 3 | 1000 |
| 1007480000VR | – | 19 | 50 | 3 | 1000 |
| 003180500001 | – | 19.2 | 34 | 1.5 | 100 |
| 1009540000VR | 1340146 | 20.2 | 30 | 1 | 500 |
| 1008450000VR | – | 21 | 30 | 3 | 500 |
| 1007490000VR | – | 21 | 36 | 3 | 500 |
| 003200000001 | – | 21 | 37 | 3 | 100 |
| 1007500000VR | – | 21 | 50 | 3 | 500 |
| 003200300001 | – | 21.2 | 34 | 1.5 | 100 |
| 1006840000VR | – | 22.2 | 34 | 1.5 | 1000 |
| 1006860000VR | – | 25.2 | 40 | 1.7 | 250 |
| 1005230000VR | – | 26 | 35 | 1 | 500 |
| 1009720000VR | – | 38 | 41.8 | 3 | 500 |

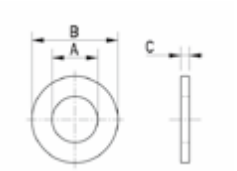
SR 1927

## Transparent Washers

**Polycarbonate**

• High transparency fastener






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Size | A | B | C | |
| 173000200022 | M2 | 2.1 | 4.0 | 0.5 | 100 |
| 173002600022 | M2.6 | 2.7 | 6.0 | 0.5 | 100 |
| 173000300022 | M3 | 3.3 | 8.0 | 0.8 | 100 |
| 173000400022 | M4 | 4.5 | 10.0 | 0.8 | 100 |
| 173000500022 | M5 | 5.5 | 12.0 | 1.0 | 100 |
| 173000600022 | M6 | 6.5 | 13.0 | 1.6 | 100 |
| 173000800022 | M8 | 8.5 | 18.0 | 1.6 | 100 |

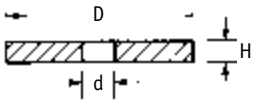
SR 1940

## Washers, NF E 25-513/25-514

**Natural Nylon 6.6**

• Refer to standard NF E 25-513/25-514 for guidance purposes only






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Size | d | D | H | |
| 0040020000VR | M2 | 2.2 | 5.5 | 0.5 | 1000 |
| 490620 | M3 | 3.2 | 8.0 | 0.8 | 1000 |
| 490617 | M4 | 4.3 | 10.0 | 0.8 | 1000 |
| 0040220000VR | M5 | 5.3 | 12.0 | 1.0 | 1000 |
| 0040290000VR | M6 | 6.4 | 14.0 | 1.2 | 1000 |
| 0040390000VR | M8 | 8.4 | 18.0 | 1.5 | 1000 |
| 0040450000VR | M10 | 10.5 | 22.0 | 2.0 | 1000 |
| 0040530000VR | M12 | 13.0 | 27.0 | 2.5 | 500 |
| 1344053 | M14 | 15.0 | 30.0 | 2.5 | 500 |
| 0040640000VR | M16 | 17.0 | 32.0 | 3.0 | 250 |
| 0040650000VR | M18 | 19.0 | 36.0 | 3.0 | 250 |
| 0040700000VR | M20 | 21.0 | 40.0 | 3.0 | 250 |
| 0040750000VR | M24 | 25.0 | 49.0 | 4.0 | 250 |
| 0040800000VR | M30 | 31.0 | 60.0 | 4.0 | 250 |

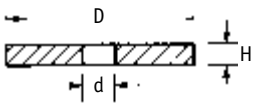
SR 1940

## Washers, DIN 433

**Natural Nylon 6.6**

• Refer to standard DIN 433 for guidance purposes only






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Size | d | D | H | |
| 041025100001 | M2 | 2.7 | 5.0 | 0.5 | 1000 |
| 041030100001 | M3 | 3.2 | 6.0 | 0.5 | 1000 |
| 041030000001 | M3 | 3.2 | 6.0 | 1.0 | 1000 |
| 041040100001 | M4 | 4.3 | 8.0 | 0.5 | 1000 |
| 1010260000VR | M5 | 5.3 | 9.0 | 1.0 | 1000 |
| 041060000001 | M6 | 6.4 | 11.0 | 1.5 | 1000 |
| 470827 | M6 | 6.4 | 11.0 | 1.6 | 1000 |
| 1010360000VR | M8 | 8.4 | 15.0 | 1.6 | 1000 |
| 1010460000VR | M10 | 10.5 | 18.0 | 1.6 | 1000 |
| 032100000001 | M10 | 10.5 | 30.0 | 3.0 | 250 |
| 1010540000VR | M12 | 13.0 | 20.0 | 2.0 | 500 |
| 003120000001 | M12 | 13.0 | 24.0 | 2.5 | 500 |
| 032120000001 | M12 | 13.0 | 40.0 | 3.0 | 250 |
| 1344057 | M14 | 15.0 | 24.0 | 2.5 | 500 |
| 1010700000VR | M16 | 17.0 | 28.0 | 2.5 | 250 |
| 1010750000VR | M20 | 21.0 | 34.0 | 3.0 | 250 |
| 1010780000VR | M24 | 25.0 | 39.0 | 4.0 | 250 |
| 1010800000VR | M30 | 31.0 | 50.0 | 4.0 | 250 |

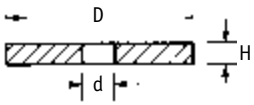
SR 1940

## Washers, DIN 125

**Natural Nylon 6.6**

• Refer to standard DIN 125 for guidance purposes only






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Size | d | D | H | |
| 0050010000VR | M2 | 2.2 | 5.0 | 0.3 | 1000 |
| 0050780000VR | M2.5 | 2.7 | 6.0 | 0.5 | 1000 |
| 003030500001 | M3 | 3.2 | 7.0 | 0.5 | 1000 |
| 003040700001 | M4 | 4.3 | 9.0 | 0.8 | 1000 |
| 470828 | M5 | 5.3 | 10.0 | 1.0 | 1000 |
| 0050320000VR | M6 | 6.4 | 12.0 | 1.6 | 1000 |
| 0050410000VR | M8 | 8.4 | 16.0 | 1.6 | 1000 |
| 0050470000VR | M10 | 10.5 | 20.0 | 2.0 | 1000 |
| 0050550000VR | M12 | 13.0 | 24.0 | 2.5 | 500 |
| 0050610000VR | M14 | 15.0 | 30.0 | 3.0 | 1000 |
| 0050650000VR | M16 | 17.0 | 30.0 | 3.0 | 250 |
| 0050700000VR | M18 | 19.0 | 34.0 | 3.0 | 250 |
| 0051010000VR | M20 | 21.0 | 37.0 | 3.0 | 250 |
| 0051030000VR | M24 | 25.0 | 44.0 | 4.0 | 250 |
| 0051270000VR | M27 | 28.0 | 50.0 | 4.0 | 250 |
| 0051300000VR | M30 | 31.0 | 55.5 | 4.0 | 250 |
| 0051360000VR | M36 | 37.0 | 66.0 | 5.0 | 250 |
| 0051390000VR | M39 | 40.0 | 72.0 | 6.0 | 250 |

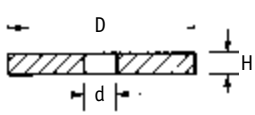
SR 1940

## Washers, DIN 9021

**Natural Nylon 6.6**

• Refer to standard DIN 9021 for guidance purposes only





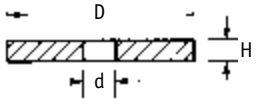

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Size | d | D | H | |
| 032030100001 | M3 | 3.2 | 9.0 | 0.8 | 1000 |
| 032040100001 | M4 | 4.3 | 12.0 | 1.0 | 1000 |
| 1020250000VR | M5 | 5.3 | 15.0 | 1.2 | 1000 |
| 032050100001 | M5 | 5.3 | 15.0 | 1.5 | 500 |
| 1020340000VR | M6 | 6.4 | 18.0 | 1.6 | 1000 |
| 032060100001 | M6 | 6.4 | 18.0 | 2.0 | 500 |
| 1020420000VR | M8 | 8.4 | 23.8 | 2.0 | 1000 |
| 032080000001 | M8 | 8.4 | 25.0 | 2.5 | 500 |
| 1020480000VR | M10 | 10.5 | 30.0 | 2.5 | 1000 |
| 032100100001 | M10 | 10.5 | 30.0 | 3.0 | 250 |
| 1020580000VR | M12 | 13.0 | 37.0 | 3.0 | 500 |
| 032120100001 | M12 | 13.0 | 40.0 | 3.0 | 100 |
| 1020630000VR | M16 | 17.0 | 50.0 | 3.0 | 250 |
| 1020680000VR | M20 | 22.0 | 60.0 | 4.0 | 250 |
| 1020700000VR | M24 | 26.0 | 72.0 | 5.0 | 250 |

SR 1940

## Washers, DIN 125

**Black Nylon 6.6**

• Refer to dimensional tolerances of DIN 125 for guidance purposes only






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Size | d | D | H | |
| 1340109 | M3 | 3.2 | 7.0 | 0.5 | 100 |
| 0050150001VR | M4 | 4.3 | 9.0 | 0.8 | 100 |
| 490734 | M5 | 5.3 | 10.0 | 1.0 | 100 |
| 0050320001VR | M6 | 6.4 | 12.0 | 1.6 | 100 |
| 0050410001VR | M8 | 8.4 | 16.0 | 1.6 | 100 |
| 0050470001VR | M10 | 10.5 | 20.0 | 2.0 | 100 |
| 0050550001VR | M12 | 13.0 | 24.0 | 2.5 | 100 |

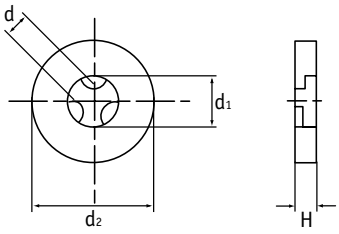
SR 1945

## Anti-Loss Washers

**Natural HDPE**

- Hold screws and bolts in place during assembly






| Part Number | Size | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d | $d_1$ | $d_2$ | H | |
| 1040040900VR | M3 | 2.5 | 3.2 | 8.0 | 0.8 | 1000 |
| 1348399 | M3 | 2.5 | 3.2 | 10.0 | 0.8 | 1000 |
| 497517 | M3.5 | 2.9 | 3.7 | 8.0 | 0.5 | 1000 |
| 497516 | M4 | 3.3 | 4.3 | 8.0 | 0.8 | 1000 |
| 497518 | M4 | 3.3 | 4.3 | 9.0 | 0.8 | 1000 |
| 1040070900VR | M4 | 3.3 | 4.3 | 10.0 | 0.8 | 1000 |
| 1343722 | M4 | 3.3 | 4.3 | 12.8 | 0.8 | 1000 |
| 497519 | M5 | 4.2 | 5.3 | 10.0 | 1.0 | 1000 |
| 1040080900VR | M5 | 4.2 | 5.3 | 12.0 | 1.0 | 1000 |
| 1040320900VR | M5 | 4.2 | 5.3 | 20.0 | 1.0 | 1000 |
| 1040350900VR | M6 | 4.6 | 6.2 | 9.5 | 1.0 | 1000 |
| 1040060900VR | M6 | 5.2 | 6.4 | 12.0 | 1.6 | 1000 |
| 1040090900VR | M6 | 5.2 | 6.4 | 14.0 | 1.2 | 1000 |
| 1348396 | M6 | 5.2 | 6.4 | 17.0 | 1.6 | 1000 |
| 1040360900VR | M8 | 6.6 | 8.4 | 12.0 | 1.6 | 1000 |
| 1040100900VR | M8 | 6.6 | 8.4 | 18.0 | 1.5 | 1000 |
| 1348395 | M10 | 8.2 | 10.5 | 20.0 | 2.0 | 1000 |
| 1040130900VR | M16 | 13.6 | 17.0 | 32.0 | 3.0 | 250 |

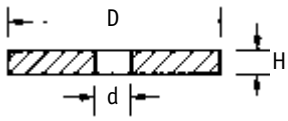
SR 1940

## Anti-Loss Washers

**Natural Nylon 6.6**

- Insulate against moisture and electricity
- Resist corrosion, abrasion and most chemicals
- Provide full insulation, cushioning and spacing






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Size | d | D | H | |
| 041025000001 | M2 | 2.7 | 5.0 | 1.0 | 1000 |
| 031025000001 | M2 | 2.7 | 5.0 | 1.5 | 1000 |
| 031030000001 | M3 | 3.2 | 5.5 | 2.2 | 1000 |
| 003030000001 | M3 | 3.2 | 7.0 | 1.4 | 1000 |
| 032030000001 | M3 | 3.2 | 9.0 | 1.5 | 1000 |
| 033030000001 | M3 | 3.2 | 15.0 | 1.5 | 500 |
| 031040000001 | M4 | 4.3 | 7.0 | 2.3 | 1000 |
| 041040000001 | M4 | 4.3 | 8.0 | 1.0 | 1000 |
| 003040000001 | M4 | 4.3 | 9.0 | 1.4 | 1000 |
| 032040000001 | M4 | 4.3 | 12.0 | 1.4 | 1000 |
| 032040100001 | M4 | 4.3 | 12.0 | 1.0 | 1000 |
| 033040000001 | M4 | 4.3 | 18.0 | 2.0 | 500 |
| 031050000001 | M5 | 5.3 | 8.5 | 2.8 | 1000 |
| 003050000001 | M5 | 5.3 | 11.5 | 1.4 | 1000 |
| 032050000001† | M5 | 5.3 | 15.0 | 1.5 | 500 |
| 031060000001 | M6 | 6.4 | 10.0 | 2.8 | 1000 |
| 032060000001† | M6 | 6.4 | 18.0 | 2.0 | 500 |
| 031080000001 | M8 | 8.4 | 13.0 | 2.8 | 500 |
| 041080000001 | M8 | 8.4 | 15.0 | 1.5 | 500 |
| 003100000001* | M10 | 10.5 | 21.0 | 2.5 | 500 |

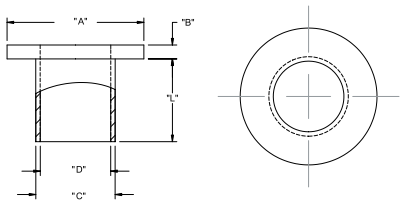
* DIN 125 † DIN 9021

MNI Nylon Insulating Sleeve

# Screw Insulator

**Natural Color Nylon 6.6**

- Flame retardant grade: UL94 V2






| Part Number | Thread Size | Dimension (mm) | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | "L" | "A" | "B" | "C" | "D" | | |
| MNI-2-2 | M2 | 0.8 | 4.6 | 1.2 | 3 | 2.3 | RMS-01 | 1000 |
| MNI-2-4 | M2 | 1.6 | 4.6 | 1.2 | 3 | 2.3 | RMS-01 | 1000 |
| MNI-2-6 | M2 | 2.4 | 4.6 | 1.2 | 3 | 2.3 | RMS-01 | 1000 |
| MNI-4-2 | M2.5 | 0.8 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-4-3 | M2.5 | 1.2 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-M2.5-1.3 | M2.5 | 1.3 | 6.3 | 1.2 | 3.5 | 2.9 | RMS-01 | 1000 |
| MNI-4-4 | M2.5 | 1.6 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-4-5 | M2.5 | 2.1 | 6.4 | 1.2 | 3.6 | 2.9 | RMS-01 | 1000 |
| MNI-4-6 | M2.5 | 2.4 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-4-8 | M2.5 | 3.2 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-M2.5-3.6 | M2.5 | 3.6 | 7.1 | 1.5 | 3.8 | 2.8 | RMS-01 | 1000 |
| MNI-4-10 | M2.5 | 4 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-4-12 | M2.5 | 4.7 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-4-16 | M2.5 | 6.4 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNI-4-24 | M2.5 | 9.5 | 6 | 1.2 | 3.7 | 2.9 | RMS-01 | 1000 |
| MNIM3-1.0 | M3 | 1 | 7.1 | 1 | 3.8 | 3.1 | RMS-48 | 1000 |
| MNI-5-3 | M3 | 1.3 | 9.4 | 1.2 | 6 | 3.3 | RMS-48 | 1000 |
| MNIM3-1.3 | M3 | 1.3 | 8.8 | 1.2 | 6 | 3.2 | RMS-01 | 1000 |
| MNIM3-2.5 | M3 | 2.5 | 7.1 | 1 | 3.8 | 3.1 | RMS-48 | 1000 |
| MNIM3-3.5 | M3 | 3.5 | 7.1 | 1 | 3.8 | 3.1 | RMS-01 | 1000 |
| MNI-6-2 | M3.5 | 0.8 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-01 | 1000 |
| MNI-6-4 | M3.5 | 1.6 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-01 | 1000 |
| MNI-6-6 | M3.5 | 2.4 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-01 | 1000 |
| MNI-6-8 | M3.5 | 3.2 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-01 | 1000 |
| MNI-6-12 | M3.5 | 4.7 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-01 | 1000 |
| MNI-6-16 | M3.5 | 6.4 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-01 | 1000 |
| MNI-6-24 | M3.5 | 9.5 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-01 | 1000 |

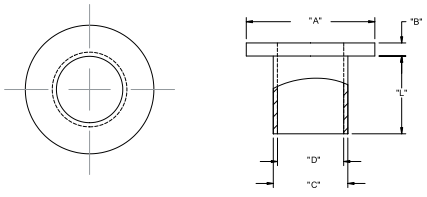
| Part Number | Thread Size | Dimension (mm) | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | "L" | "A" | "B" | "C" | "D" | | |
| MNI-6-32 | M3.5 | 12.7 | 7.4 | 1.2 | 4.3 | 3.6 | RMS-48 | 1000 |
| MNI-8-2 | M4 | 0.8 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-01 | 1000 |
| MNI-8-4 | M4 | 1.6 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-01 | 1000 |
| MNI-8-6 | M4 | 2.4 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-01 | 1000 |
| MNI-8-8 | M4 | 3.2 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-01 | 1000 |
| MNI-8-12 | M4 | 4.7 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-01 | 1000 |
| MNI-8-16 | M4 | 6.4 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-01 | 1000 |
| MNI-8-24 | M4 | 9.5 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-48 | 1000 |
| MNI-8-32 | M4 | 12.7 | 8.7 | 1.6 | 5.2 | 4.4 | RMS-01 | 1000 |
| MNI-10-2 | M5 | 0.8 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-01 | 1000 |
| MNI-10-4 | M5 | 1.6 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-01 | 1000 |
| MNI-10-6 | M5 | 2.4 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-01 | 1000 |
| MNI-10-8 | M5 | 3.2 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-01 | 1000 |
| MNI-10-12 | M5 | 4.7 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-01 | 1000 |
| MNI-10-16 | M5 | 6.4 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-01 | 1000 |
| MNI-10-24 | M5 | 9.5 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-01 | 1000 |
| MNI-10-32 | M5 | 12.7 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-48 | 1000 |
| MNI1/4-2 | M6 | 0.8 | 13 | 1.7 | 7.9 | 6.6 | RMS-01 | 1000 |
| MNI1/4-4 | M6 | 1.6 | 13 | 1.7 | 7.9 | 6.6 | RMS-01 | 1000 |
| MNI1/4-6 | M6 | 2.4 | 13 | 1.7 | 7.9 | 6.6 | RMS-01 | 1000 |
| MNI1/4-12 | M6 | 4.7 | 13 | 1.7 | 7.9 | 6.6 | RMS-01 | 1000 |
| MNI1/4-16 | M6 | 6.4 | 13 | 1.7 | 7.9 | 6.6 | RMS-01 | 1000 |
| MNI1/4-24 | M6 | 9.5 | 13 | 1.7 | 7.9 | 6.6 | RMS-01 | 1000 |
| MNI1/4-32 | M6 | 12.7 | 13 | 1.7 | 7.9 | 6.6 | RMS-01 | 1000 |
| MNI5/16-6 | M8 | 2.4 | 15.7 | 1.6 | 9.1 | 8.1 | RMS-01 | 1000 |
| MNI5/16-12 | M8 | 4.7 | 15.7 | 1.6 | 9.1 | 8.1 | RMS-01 | 1000 |
| MNI5/16-16 | M8 | 6.4 | 15.7 | 1.6 | 9.1 | 8.1 | RMS-01 | 1000 |

MNI-HT

# Screw Insulator High Temperature

**Black polyphenylene sulfide+40% glass fiber, RMS-50**

- Maximum temperature resistance: 130ºC
- Flame retardant grade: UL94 V0




| Part Number | Dimension (mm) | | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | Thread Size | "L"* | "A" | "B" | "C" | "D" | | |
| MNI-HT-M2-1 | M2 | 1.1 | 8 | 1 | 4.8 | 2.6 | RMS-173 | 1000 |
| MNI-HT-M2-2 | M2 | 1.3 | 6 | 1 | 3.5 | 2.6 | RMS-173 | 1000 |
| MNI-HT-M2-3 | M2 | 1.6 | 8 | 2.6 | 4.5 | 2.6 | RMS-173 | 1000 |
| MNI-HT-M2-4 | M2 | 4 | 7 | 2 | 3.5 | 2.6 | RMS-173 | 1000 |
| MNI-HT-M2.5-1 | M2.5 | 0.6 | 5.9 | 2 | 3.5 | 3 | RMS-173 | 500 |
| MNI-HT-M2.5-2 | M2.5 | 1.2 | 5.9 | 1.3 | 3.5 | 3 | RMS-173 | 500 |
| MNI-HT-M2.5-3 | M2.5 | 1.5 | 8 | 3 | 3.6 | 3 | RMS-173 | 1000 |
| MNI-HT-M2.5-4 | M2.5 | 2.5 | 5.5 | 1 | 3.5 | 3 | RMS-173 | 500 |
| MNI-HT-4-2 | M3 | 0.8 | 7.1 | 1.2 | 3.7 | 3 | RMS-50 | 500 |
| MNI-HT-4-220* | M3 | 0.8 | 5.5 | 1 | 3.4 | 2.9 | RMS-50 | 500 |
| MNI-HT-M3-1 | M3 | 2 | 9 | 2 | 6.3 | 3.5 | RMS-173 | 500 |
| MNI-HT-M3-2 | M3 | 2.2 | 7 | 0.8 | 5.1 | 3.5 | RMS-173 | 500 |
| MNI-HT-M3-3 | M3 | 7.4 | 7 | 0.8 | 4.9 | 3.5 | RMS-173 | 1000 |
| MNI-HT-M4-2 | M4 | 3.2 | 8 | 0.8 | 6 | 4.5 | RMS-173 | 500 |
| MNI-HT-M4-4 | M4 | 8 | 15.7 | 5 | 9.7 | 4.5 | RMS-173 | 500 |
| MNI-HT-10-6 | M4.5 | 2.4 | 10.1 | 1.6 | 6.6 | 5.1 | RMS-50 | 500 |
| MNI-HT-M6-1 | M6 | 1.3 | 13 | 0.6 | 9.6 | 6.5 | RMS-173 | 500 |
| MNI-HT-M6-2 | M6 | 3.5 | 25 | 4.5 | 13 | 6.5 | RMS-173 | 500 |
| MNI-HT-M6-3 | M6 | 6 | 25 | 4.5 | 13 | 6.5 | RMS-173 | 500 |
| MNI-HT-M6-4 | M6 | 8.5 | 25 | 4.5 | 13 | 6.5 | RMS-173 | 500 |

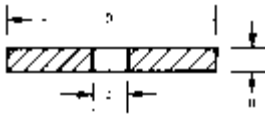
SR 1986

## Washers

**Black TPR**

- Refer to dimensional tolerances of DIN 125, DIN 9021 for guidance purposes only





| Part Number | Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | d | D | H | |
| 0040062001VR | M3 | 3.2 | 8.0 | 0.8 | 1000 |
| 1020072001VR | M3 | 3.2 | 9.0 | 0.8 | 1000 |
| 0050152001VR | M4 | 4.3 | 9.0 | 0.8 | 1000 |
| 0040122001VR | M4 | 4.3 | 10.0 | 0.8 | 1000 |
| 0050232001VR | M5 | 5.3 | 10.0 | 1.0 | 1000 |
| 0040222001VR | M5 | 5.3 | 12.0 | 1.0 | 1000 |
| 1020252001VR | M5 | 5.3 | 15.0 | 1.2 | 1000 |
| 0050322001VR | M6 | 6.4 | 12.0 | 1.6 | 1000 |
| 0040292001VR | M6 | 6.4 | 14.0 | 1.2 | 1000 |
| 1020342001VR | M6 | 6.4 | 18.0 | 1.6 | 1000 |
| 0050412001VR | M8 | 8.4 | 16.0 | 1.6 | 1000 |
| 0040392001VR | M8 | 8.4 | 18.0 | 1.5 | 1000 |
| 1020422001VR | M8 | 8.4 | 24.0 | 2.0 | 1000 |
| 0050472001VR | M10 | 10.5 | 20.0 | 2.0 | 1000 |
| 0040452001VR | M10 | 10.5 | 22.0 | 2.0 | 1000 |
| 1020482001VR | M10 | 10.5 | 30.0 | 2.5 | 1000 |
| 0050552001VR | M12 | 13.0 | 24.0 | 2.5 | 500 |
| 0040532001VR | M12 | 13.0 | 27.0 | 2.5 | 500 |
| 1020582001VR | M12 | 13.0 | 37.0 | 3.0 | 500 |
| 0050612001VR | M14 | 15.0 | 30.0 | 3.0 | 500 |
| 0050652001VR | M16 | 17.0 | 30.0 | 3.0 | 250 |
| 1020632001VR | M16 | 17.0 | 50.0 | 3.0 | 250 |
| 0050702001VR | M18 | 19.0 | 34.0 | 3.0 | 250 |
| 0051012001VR | M20 | 21.0 | 37.0 | 3.0 | 250 |

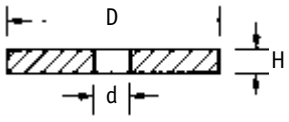
SR 1907

## Washers, DIN 125-PVDF

**Natural PVDF**

- Refer to standard DIN 125 for guidance purposes only





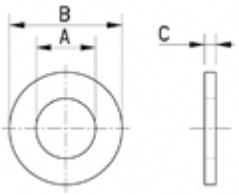

| Part Number | Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | d | D | H | |
| 0050150500VR | M4 | 4.3 | 9.0 | 0.8 | 100 |
| 0050230500VR | M5 | 5.3 | 10.0 | 1.0 | 100 |
| 0050320500VR | M6 | 6.4 | 12.0 | 1.6 | 100 |
| 0050410500VR | M8 | 8.4 | 16.0 | 1.6 | 100 |
| 0050470500VR | M10 | 10.5 | 20.0 | 2.0 | 100 |
| 0050550500VR | M12 | 13.0 | 24.0 | 2.5 | 100 |
| 0050650500VR | M16 | 17.0 | 30.0 | 3.0 | 100 |

SR 1929

## PEEK® Washer

- Made from PEEK®
- Colour: Light brown
- Continuous use temperature 180 ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | C | |
| 185020070409 | 2.7 | 6.0 | 0.5 | 25 |
| 185030070409 | 3.2 | 7.0 | 0.5 | 25 |
| 185040070409 | 4.3 | 9.0 | 0.8 | 25 |
| 185050070409 | 5.3 | 10.0 | 1.0 | 25 |
| 185060070409 | 6.4 | 12.5 | 1.6 | 25 |
| 185080070409 | 8.4 | 17.0 | 1.6 | 10 |
| 185100070409 | 10.5 | 21.0 | 2.0 | 10 |

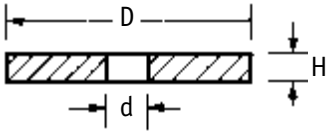
SR 1908

## Washers, DIN 125-PP

**Natural Polypropylene**

- Refer to standard for guidance purposes only






| Part Number | Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | d | D | H | |
| 0050150300VR | M4 | 4.3 | 9.0 | 0.8 | 100 |
| 0050230300VR | M5 | 5.3 | 10.0 | 1.0 | 100 |
| 0050320300VR | M6 | 6.4 | 12.0 | 1.6 | 100 |
| 0050410300VR | M8 | 8.4 | 16.0 | 1.6 | 100 |
| 0050470300VR | M10 | 10.5 | 20.0 | 2.0 | 100 |
| 0050550300VR | M12 | 13.0 | 24.0 | 2.5 | 100 |

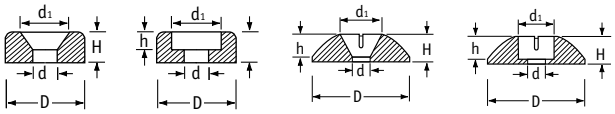
SR 1946

## Finishing Washers

**Black Nylon 6.6**

- Good insulation properties
- High-quality finish
- Excellent protection against damage






Type 1 Type 2 Type 3 Type 4

| Part Number | Type | Size | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | d | $d_1$ | D | H | h | |
| 007102559901* | 1 | M2.5 | 2.7 | 5.0 | 6.8 | 2.0 | - | 500 |
| 007202559901† | 2 | M2.5 | 2.7 | 5.0 | 6.8 | 2.0 | 1.0 | 500 |
| 007503059901 | 2 | M3 | 3.2 | 5.5 | 6.5 | 2.0 | 1.1 | 500 |
| 007303059901 | 3 | M3 | 3.2 | 7.0 | 14.0 | 2.9 | - | 500 |
| 007103059901* | 1 | M3 | 3.2 | 6.0 | 8.5 | 2.2 | - | 500 |
| 007203059901† | 2 | M3 | 3.2 | 6.0 | 8.5 | 2.2 | 1.2 | 500 |
| 007403059901 | 4 | M3 | 3.2 | 5.5 | 14.0 | 2.8 | 1.7 | 500 |
| 007404059901 | 4 | M4 | 4.3 | 7.0 | 16.0 | 3.5 | 2.3 | 500 |
| 007104059901* | 1 | M4 | 4.3 | 8.0 | 10.5 | 2.8 | - | 1000 |
| 007204059901† | 2 | M4 | 4.3 | 8.0 | 10.5 | 2.8 | 1.7 | 1000 |
| 007304059901 | 3 | M4 | 4.3 | 9.0 | 16.0 | 3.5 | - | 500 |
| 007405059901 | 4 | M5 | 5.3 | 8.5 | 18.0 | 4.0 | 2.7 | 500 |
| 007105059901* | 1 | M5 | 5.3 | 10.0 | 12.7 | 3.4 | - | 500 |
| 007205059901 | 2 | M5 | 5.3 | 10.0 | 12.7 | 3.4 | 2.2 | 500 |
| 007305059901 | 3 | M5 | 5.3 | 11.0 | 18.0 | 3.8 | - | 500 |
| 1070050001VR | 3 | M5 | 5.3 | 14.0 | 18.0 | 3.5 | - | 1000 |
| 007506059901 | 2 | M6 | 6.4 | 10.0 | 12.7 | 3.4 | 2.1 | 500 |
| 007406059901 | 4 | M6 | 6.4 | 10.0 | 22.0 | 4.9 | 3.5 | 500 |
| 1075050001VR | 2 | M6 | 6.4 | 12.0 | 15.0 | 4.0 | 1.3 | 1000 |
| 007206059901† | 2 | M6 | 6.4 | 12.0 | 15.0 | 4.0 | 2.7 | 500 |
| 007106059901* | 1 | M6 | 6.4 | 12.0 | 15.0 | 4.0 | - | 500 |
| 007306059901 | 3 | M6 | 6.4 | 13.0 | 22.0 | 4.5 | - | 500 |
| 007108059901* | 1 | M8 | 8.4 | 16.0 | 20.0 | 5.0 | - | 500 |
| 007208059901† | 2 | M8 | 8.4 | 16.0 | 20.0 | 5.0 | 3.5 | 500 |

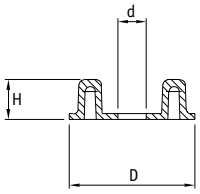
* DIN 95, 97, 963, 964, 965, 966, 7963, 7972, 7982, 7983, 7991, 7995, 7997
† DIN 85, 96, 7971, 7981, 7985, 7996
* Refer for guidance only

SR 1924

## Headboard Washer

**Natural HDPE**

- Refer to standard for guidance purposes only





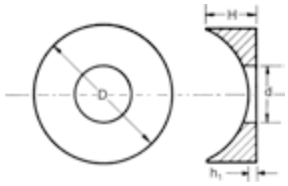

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | D | d | H | |
| 110726 | 36.0 | 8.4 | 11.7 | 2000 |

SR 1943

## Saddle Washers

**Natural Nylon 6**

- For assembly of crossed round tubes






| Part Number | Dimensions (mm) | | | | Tube Diameter (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | d | H | $h_1$ | | |
| 102013000001 | 13.0 | 4.2 | 5.5 | 2.2 | 12 - 14 | 500 |
| 102014000001 | 13.0 | 5.2 | 5.5 | 2.2 | 12 - 14 | 500 |
| 102016000001 | 16.0 | 5.0 | 6.8 | 2.4 | 15 - 17 | 500 |
| 102019000001 | 19.0 | 5.2 | 8.0 | 2.7 | 18 - 20 | 100 |
| 102020000001 | 19.0 | 6.2 | 8.0 | 2.7 | 18 - 20 | 100 |
| 102022000001 | 22.0 | 5.2 | 9.0 | 3.0 | 21 - 23 | 100 |
| 102023000001 | 22.0 | 6.2 | 9.0 | 3.0 | 21 - 23 | 100 |
| 102025000001 | 25.0 | 6.2 | 10.0 | 3.1 | 24 - 26 | 100 |
| 102026000001 | 25.0 | 8.3 | 10.0 | 3.1 | 24 - 26 | 100 |
| 102028000001 | 28.0 | 6.2 | 11.0 | 3.3 | 27 - 29 | 100 |
| 102029000001 | 28.0 | 8.3 | 11.0 | 3.3 | 27 - 29 | 100 |
| 102032000001 | 32.0 | 8.3 | 12.0 | 3.4 | 30 - 34 | 100 |
| 102033000001 | 32.0 | 10.4 | 12.0 | 3.4 | 30 - 34 | 100 |
| 102055000001 | 40.0 | 6.6 | 12.0 | 5.0 | 50 - 60 | 50 |
| 102056000001 | 40.0 | 16.5 | 12.0 | 5.0 | 50 - 60 | 50 |
| 102057000001 | 40.0 | 10.4 | 12.0 | 5.0 | 50 - 60 | 50 |

SR 1943

## Black Saddle Washers

**Black Nylon 6.6**



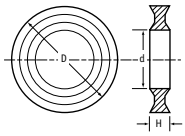
| Part Number | Dimensions (mm) | | | | Tube Diameter (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | d | H | $h_1$ | | |
| 102013059901 | 13.0 | 4.2 | 5.5 | 2.2 | 12 - 14 | 500 |
| 102016059901 | 16.0 | 5.0 | 6.8 | 2.4 | 15 - 17 | 500 |
| 102019059901 | 19.0 | 5.2 | 8.0 | 2.7 | 18 - 20 | 100 |
| 102020059901 | 19.0 | 6.2 | 8.0 | 2.7 | 18 - 20 | 100 |
| 102023059901 | 22.0 | 6.2 | 9.0 | 3.0 | 21 - 23 | 100 |
| 102025059901 | 25.0 | 6.2 | 10.0 | 3.1 | 24 - 26 | 100 |
| 102026059901 | 25.0 | 8.3 | 10.0 | 3.1 | 24 - 26 | 100 |
| 102028059901 | 28.0 | 6.2 | 11.0 | 3.3 | 27 - 29 | 100 |
| 102029059901 | 28.0 | 8.3 | 11.0 | 3.3 | 27 - 29 | 100 |
| 102032059901 | 32.0 | 8.3 | 12.0 | 3.4 | 30 - 34 | 100 |
| 102033059901 | 32.0 | 10.4 | 12.0 | 3.4 | 30 - 34 | 100 |
| 102055059901 | 40.0 | 6.6 | 12.0 | 5.0 | 50 - 60 | 50 |
| 102056059901 | 40.0 | 16.5 | 12.0 | 5.0 | 50 - 60 | 50 |
| 102057059901 | 40.0 | 10.4 | 12.0 | 5.0 | 50 - 60 | 50 |

SR 1947

## Retaining Washers

**Natural Nylon 6**

• Lock and seal nuts and bolts in position






| Part Number | Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | d | D | H | |
| 016002000001 | M2 | 2.1 | 5.0 | 2.0 | 1000 |
| 016003000001 | M3 | 3.1 | 8.0 | 2.5 | 1000 |
| 016004000001 | M4 | 4.2 | 10.0 | 2.8 | 1000 |
| 016005000001 | M5 | 5.2 | 10.7 | 3.0 | 1000 |
| 016006000001 | M6 | 6.2 | 12.7 | 3.8 | 500 |
| 016008000001 | M8 | 8.2 | 16.2 | 4.2 | 500 |
| 016010000001 | M10 | 10.2 | 20.0 | 5.0 | 500 |
| 016012000001 | M12 | 12.2 | 24.0 | 5.2 | 100 |
| 016016000001 | M16 | 16.2 | 30.0 | 5.9 | 100 |
| 016020000001 | M20 | 20.3 | 36.0 | 6.8 | 100 |

SR 1934

## Plastic Hose Clamps

**Black Nylon 6.6**






| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Tube Diameter (mm) | W | |
| 135010159902 | 6.6 - 8.0 | 5.0 | 100 |
| 135010259902 | 8.0 - 9.2 | 5.0 | 100 |
| 135010359902 | 9.2 - 10.5 | 5.0 | 100 |
| 135010459902 | 10.5 - 12.0 | 6.0 | 100 |
| 135010659902 | 12.8 - 15.0 | 7.0 | 100 |
| 135010759902 | 15.0 - 17.2 | 7.0 | 100 |
| 135010859902 | 17.0 - 18.5 | 7.0 | 100 |
| 135010959902 | 18.2 - 20.5 | 7.0 | 100 |
| 135011059902 | 20.5 - 23.0 | 7.0 | 100 |
| 135011159902 | 22.0 - 25.0 | 7.0 | 100 |
| 135011259902 | 25.0 - 28.0 | 7.0 | 100 |
| 135011359902 | 27.0 - 30.0 | 7.5 | 100 |
| 135011459902 | 29.5 - 32.5 | 7.5 | 100 |
| 135011559902 | 32.5 - 35.5 | 8.0 | 100 |
| 135011659902 | 35.0 - 38.5 | 8.0 | 50 |
| 135011759902 | 38.0 - 41.5 | 8.0 | 50 |
| 135011859902 | 41.0 - 44.5 | 8.0 | 50 |
| 135011959902 | 44.0 - 47.5 | 8.0 | 50 |
| 135012059902 | 47.0 - 50.5 | 8.0 | 50 |
| 135012159902 | 50.0 - 53.5 | 8.0 | 50 |
| 135012259902 | 53.0 - 57.0 | 8.0 | 50 |
| 135012359902 | 56.5 - 60.5 | 8.0 | 50 |
| 135012459902 | 60.0 - 65.0 | 8.0 | 50 |
| 135012559902 | 66.0 - 70.0 | 8.0 | 50 |
| 135012659902 | 70.0 - 75.0 | 8.0 | 50 |
| 135012759902 | 76.0 - 80.0 | 8.0 | 50 |
| 135012859902 | 80.0 - 85.0 | 8.0 | 50 |

SR 1933

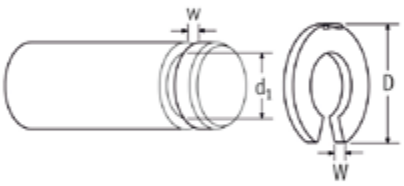
## Retaining Rings

**Black POM**

• For axles with pre-manufactured groove

• Lip for easy assembly and dismantling





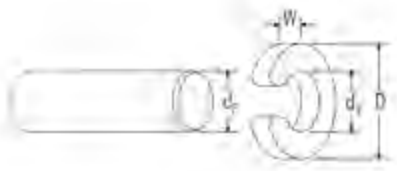

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | $d_1$ | W | w | Tube Diameter (mm) | |
| 011202359905 | 6.0 | 2.3 | 1.0 | 1.05 | 3.0 - 4.0 | 1000 |
| 011203259905 | 7.0 | 3.2 | 1.0 | 1.05 | 4.0 - 5.0 | 500 |
| 011204059905 | 9.0 | 4.0 | 1.1 | 1.15 | 5.0 - 7.0 | 500 |
| 011205059905 | 11.0 | 5.0 | 1.1 | 1.15 | 6.0 - 8.0 | 500 |
| 011206059905 | 14.0 | 6.0 | 1.3 | 1.35 | 7.0 - 11.0 | 500 |
| 011207059905 | 14.0 | 7.0 | 1.3 | 1.35 | 8.0 - 11.0 | 500 |
| 011209059905 | 18.5 | 9.0 | 1.4 | 1.5 | 10.0 - 14.0 | 500 |
| 011212059905 | 23.0 | 12.0 | 1.6 | 1.7 | 13.0 - 18.0 | 500 |

SR 1938

## Fixing Rings

**Red POM**






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | $d_1$ | $d_2$ | W | |
| 011103000505 | 6.0 | 2.5 | 3.0 | 2.0 | 500 |
| 011104000505 | 7.5 | 3.5 | 4.0 | 2.5 | 500 |
| 011105000505 | 9.0 | 4.5 | 5.0 | 2.5 | 500 |
| 011106000505 | 11.0 | 5.3 | 6.0 | 3.0 | 500 |
| 011108000505 | 13.0 | 7.0 | 8.0 | 3.0 | 500 |
| 011110000505 | 16.0 | 9.0 | 10.0 | 3.5 | 500 |
| 011112000505 | 19.0 | 11.0 | 12.0 | 4.0 | 500 |

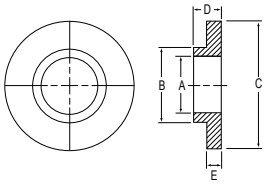
SR 1948

## Insulation Sleeves

**Natural Nylon 6**

- Prevent contact with conducting materials
- Help prevent parts vibrating loose
- Accurately locate and space assemblies



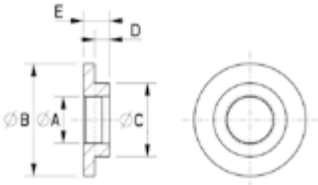



| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 018025000001 | 2.6 | 3.9 | 10 | 3 | 1.3 | 1000 |
| 018030000001 | 3.1 | 3.9 | 10 | 3 | 1.3 | 1000 |
| 018030100001 | 3.1 | 4.9 | 13.1 | 3 | 1.3 | 1000 |
| 018030200001 | 3.1 | 5.9 | 10 | 3 | 1.3 | 1000 |
| 018030300001 | 3.1 | 6.9 | 15 | 3.5 | 1.5 | 500 |
| 018030400001 | 3.1 | 7.9 | 15 | 3.5 | 1.5 | 500 |
| 018040100001 | 4.2 | 5.9 | 10 | 3 | 1.3 | 1000 |
| 018040200001 | 4.2 | 6.9 | 15 | 3 | 1.5 | 500 |
| 018040300001 | 4.2 | 7.9 | 15 | 3.5 | 1.5 | 500 |
| 018040400001 | 4.2 | 8.9 | 15 | 3.5 | 1.5 | 500 |
| 018040500001 | 4.2 | 9.9 | 15 | 3.5 | 1.5 | 500 |
| 018040700001 | 4.2 | 11.9 | 18 | 3.5 | 5 | 500 |
| 018050000001 | 5.2 | 5.9 | 10 | 3 | 1.3 | 1000 |
| 018050100001 | 5.2 | 6.9 | 15 | 3.5 | 1.5 | 500 |
| 018050200001 | 5.2 | 7.9 | 15 | 3.5 | 1.5 | 500 |
| 018050300001 | 5.2 | 8.9 | 15 | 3.5 | 1.5 | 500 |
| 018050400001 | 5.2 | 9.9 | 15 | 3.5 | 1.5 | 500 |
| 018050500001 | 5.2 | 10.9 | 18 | 3.5 | 1.5 | 500 |
| 018060000001 | 6.2 | 6.9 | 15 | 3.5 | 1.5 | 500 |
| 018060200001 | 6.2 | 8.9 | 15 | 3.5 | 1.5 | 500 |
| 018060300001 | 6.2 | 9.9 | 15 | 3.5 | 1.5 | 500 |
| 018060500001 | 6.2 | 11.9 | 18 | 3.5 | 1.5 | 500 |
| 018080000001 | 8.2 | 8.9 | 15 | 3.5 | 1.5 | 500 |
| 018080100001 | 8.2 | 9.9 | 15 | 3.5 | 1.5 | 500 |
| 018080200001 | 8.2 | 10.9 | 18 | 3.5 | 1.5 | 500 |
| 018080300001 | 8.2 | 11.9 | 18 | 3.5 | 1.5 | 500 |
| 018100000001 | 10.2 | 10.9 | 18 | 3.5 | 1.5 | 500 |
| 018100100001 | 10.2 | 11.9 | 18 | 3.5 | 1.5 | 500 |
| 018120100001 | 12.2 | 14.8 | 25 | 4 | 2 | 500 |
| 018120200001 | 12.2 | 15.8 | 25 | 4 | 2 | 500 |
| 018120300001 | 12.2 | 17.8 | 25 | 4 | 2 | 500 |
| 018140000001 | 14.2 | 15.8 | 25 | 4 | 2 | 500 |
| 018140100001 | 14.2 | 17.8 | 25 | 4 | 2 | 500 |
| 018160000001 | 16.2 | 17.8 | 25 | 4 | 2 | 500 |

SR 1948

## Insulation Sleeves

**Black Nylon and Glass Fibre Compound**





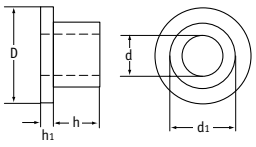

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 312083259935 | 2.1 | 8 | 4.5 | 4.5 | 5.5 | 250 |
| 312083959935 | 2.6 | 8 | 4.5 | 1.6 | 4.2 | 250 |
| 312080259935 | 2.6 | 8 | 4.8 | 1.1 | 2.1 | 250 |
| 312083359935 | 2.7 | 5 | 3.2 | 1.4 | 2.4 | 250 |
| 312081259935 | 3 | 5.5 | 3.5 | 2.5 | 3.5 | 250 |
| 312084959935 | 3 | 5.9 | 3.5 | 0.6 | 1.8 | 250 |
| 312084359935 | 3.1 | 10 | 3.4 | 8 | 9 | 250 |
| 312083659935 | 3.1 | 6 | 3.5 | 1.3 | 2.3 | 250 |
| 312081959935 | 3.1 | 7.5 | 3.5 | 1.3 | 2.3 | 250 |
| 312080159935 | 3.1 | 7.5 | 3.5 | 2.5 | 3.5 | 250 |
| 312081059935 | 3.1 | 7.5 | 3.5 | 2.5 | 6.5 | 250 |
| 312083859935 | 3.1 | 7.5 | 3.9 | 3.5 | 4.5 | 250 |
| 312081459935 | 3.1 | 7.5 | 3.9 | 4.5 | 6 | 250 |
| 312084659935 | 3.1 | 10 | 4.2 | 8 | 10 | 250 |
| 312080959935 | 3.5 | 7 | 4.9 | 7.4 | 8.2 | 250 |
| 312080659935 | 3.5 | 7 | 5.1 | 2.2 | 3 | 250 |
| 312084259935 | 4 | 10 | 4.4 | 8 | 9 | 250 |
| 312085059935 | 4 | 9.3 | 6.3 | 1.3 | 2.5 | 250 |
| 312084759935 | 4.1 | 10 | 5.2 | 10 | 12 | 250 |
| 312083159935 | 4.5 | 8 | 6 | 3.2 | 4 | 250 |
| 312080459935 | 4.5 | 15.7 | 9.7 | 8 | 13 | 250 |
| 312082159935 | 5.1 | 12 | 6.4 | 15 | 16 | 250 |
| 312084459935 | 5.1 | 12 | 6.4 | 15 | 17 | 250 |
| 312082859935 | 5.2 | 12 | 5.5 | 2 | 3 | 250 |
| 312080859935 | 5.2 | 12 | 5.5 | 4 | 5 | 250 |
| 312082659935 | 5.2 | 12 | 6.2 | 10 | 11 | 250 |
| 312081659935 | 5.2 | 12 | 6.9 | 8 | 11 | 250 |
| 312082059935 | 6.1 | 12 | 7.8 | 15 | 16 | 250 |
| 312084559935 | 6.1 | 12 | 7.8 | 15 | 17 | 250 |
| 312081759935 | 6.2 | 12 | 6.5 | 2 | 3 | 250 |
| 312080759935 | 6.2 | 12 | 6.5 | 4 | 5 | 250 |
| 312082759935 | 6.2 | 12 | 7.2 | 10 | 11 | 250 |
| 312082559935 | 6.1 | 12 | 7.9 | 1 | 2 | 250 |
| 312082459935 | 6.2 | 12 | 7.9 | 2 | 4 | 250 |
| 312081559935 | 6.2 | 12 | 7.9 | 8 | 11 | 250 |
| 312081859935 | 6.4 | 16 | 10 | 2.3 | 3.5 | 250 |
| 312083459935 | 6.5 | 13 | 9.6 | 1.3 | 1.9 | 100 |
| 312080559935 | 6.5 | 25 | 13 | 6 | 10.5 | 100 |
| 312081359935 | 6.5 | 25 | 13 | 8.5 | 13 | 100 |
| 312083559935 | 8.2 | 19 | 9.4 | 1.7 | 2.5 | 100 |
| 312082359935 | 8.2 | 14 | 9.9 | 16 | 18 | 100 |
| 312082259935 | 8.5 | 25 | 12.8 | 9 | 13.5 | 100 |
| 312080359935 | 8.5 | 25 | 13 | 6 | 10.5 | 100 |
| 312083759935 | 10.2 | 16 | 11 | 1 | 2 | 250 |
| 312082959935 | 10.2 | 28 | 12.5 | 2.5 | 3.7 | 250 |
| 312084059935 | 10.2 | 28 | 17.5 | 2.5 | 6.5 | 100 |
| 312084159935 | 10.5 | 21 | 14.5 | 32 | 35 | 100 |
| 312083059935 | 12.5 | 20 | 16 | 1 | 2 | 250 |
| 312084859935 | 12.5 | 21 | 14.5 | 32.5 | 35.5 | 100 |

SR 1942

## Bushes

**Natural Nylon 6.6**

- Self-lubricating
- Low coefficient of friction
- Ideal for anything that pivots or rotates
- Resistant to moisture, dirt and most chemicals








| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d | d1 | D | h1 | h | |
| 12SWS0210 | 3.1 | 3.6 | 5.8 | 0.4 | 1.2 | 1000 |
| 10SCM003007 | 3.1 | 4.0 | 6.2 | 1.0 | 7.0 | 1000 |
| 10SCM003006 | 3.1 | 4.0 | 6.2 | 1.0 | 6.0 | 1000 |
| 1095830000VR | 3.1 | 4.0 | 6.2 | 1.0 | 10.0 | 1000 |
| 1080030000VR | 3.1 | 6.1 | 8.1 | 1.2 | 0.8 | 1000 |
| 10SCM004003 | 4.1 | 6.0 | 8.2 | 1.5 | 3.0 | 1000 |
| 10SCM004005 | 4.1 | 6.0 | 8.2 | 1.5 | 5.0 | 1000 |
| 018040000001 | 4.2 | 4.9 | 10.0 | 1.3 | 1.7 | 1000 |
| 12SWS1016 | 4.2 | 6.3 | 12.7 | 3.2 | 11.1 | 1000 |
| 1080170000VR | 4.3 | 6.5 | 12.0 | 1.5 | 1.1 | 1000 |
| 12SWS1020 | 4.9 | 9.6 | 16.3 | 1.6 | 1.6 | 1000 |
| 1080200000VR | 5.0 | 9.0 | 12.0 | 2.0 | 2.9 | 1000 |
| 1095290000VR | 5.2 | 6.9 | 15.0 | 1.5 | 2.0 | 1000 |
| 10SCM006004 | 6.1 | 8.0 | 12.2 | 2.0 | 4.0 | 1000 |
| 018060500001 | 6.2 | 11.9 | 18.0 | 3.5 | 1.5 | 500 |
| 12SWS1240 | 6.4 | 9.5 | 16.0 | 1.6 | 4.8 | 1000 |
| 1080350000VR | 6.5 | 9.6 | 15.8 | 1.6 | 2.8 | 1000 |
| 12SWS1221 | 6.6 | 8.3 | 16.0 | 1.6 | 3.2 | 1000 |
| 1092270000VR | 8.0 | 11.0 | 16.0 | 2.0 | 11.0 | 1000 |
| 1092280000VR | 8.0 | 12.0 | 16.0 | 2.0 | 4.0 | 1000 |
| 10SCM008004 | 8.1 | 10.0 | 14.2 | 2.5 | 4.0 | 1000 |
| 10SCM008008 | 8.1 | 10.0 | 14.2 | 2.5 | 8.0 | 1000 |
| 1092330000VR | 8.1 | 10.0 | 14.2 | 2.5 | 10.0 | 1000 |
| 1090380000VR | 8.1 | 14.2 | 20.0 | 2.6 | 9.3 | 1000 |
| 12SWS2506 | 9.6 | 12.7 | 15.9 | 1.6 | 7.9 | 1000 |
| 1092530000VR | 10.0 | 12.0 | 16.0 | 2.0 | 4.0 | 1000 |
| 1092540000VR | 10.0 | 14.0 | 20.0 | 2.0 | 8.0 | 1000 |
| 1092550000VR | 10.0 | 16.0 | 21.0 | 2.0 | 8.0 | 1000 |
| 1090440000VR | 10.1 | 14.9 | 19.8 | 2.6 | 9.2 | 1000 |
| 1094670000VR | 10.1 | 16.0 | 20.0 | 3.0 | 7.0 | 1000 |
| 1094140000VR | 10.4 | 13.0 | 19.0 | 2.0 | 5.0 | 1000 |
| 12SWS3155 | 11.2 | 16.0 | 22.2 | 3.2 | 9.5 | 1000 |
| 1095760000VR | 12.1 | 14.0 | 20.0 | 2.0 | 4.0 | 1000 |
| 1090510000VR | 12.1 | 17.7 | 23.9 | 2.6 | 13.0 | 1000 |
| 018120000001 | 12.2 | 13.8 | 25.0 | 2.0 | 2.0 | 1000 |
| 1095840000VR | 12.5 | 14.0 | 17.5 | 1.0 | 8.0 | 1000 |
| 1090630000VR | 16.1 | 21.7 | 27.7 | 3.1 | 16.6 | 1000 |
| 1095750000VR | 16.2 | 17.8 | 32.0 | 3.0 | 6.0 | 1000 |
| 1090680000VR | 20.1 | 26.7 | 31.9 | 3.1 | 20.8 | 500 |
| 1095820000VR | 24.5 | 33.0 | 50.0 | 6.0 | 7.5 | 500 |
| 1095810000VR | 50.0 | 57.0 | 98.0 | 3.0 | 7.0 | 100 |

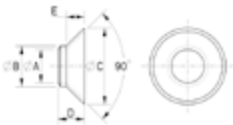
SR 6441

## Countersunk Insulation

**Natural Nylon**

- Frequently applied in electro technical environments
- Compulsory by law in many countries
- Prevents electrical corrosion with countersunk head screws






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 083030200001 | 3.1 | 4.9 | 8.2 | 3.7 | 1.7 | 500 |
| 083040200001 | 4.1 | 5.9 | 10.4 | 4.3 | 2.3 | 500 |
| 083050200001 | 5.1 | 6.9 | 12.4 | 4.8 | 2.8 | 500 |
| 083060200001 | 6.1 | 7.9 | 14.4 | 5.3 | 3.3 | 500 |
| 083080200001 | 8.1 | 9.9 | 18.6 | 6.4 | 4.4 | 500 |
| 083100500001 | 10.2 | 12.4 | 22.5 | 10.3 | 5.0 | 500 |
| 083120200001 | 12.1 | 13.9 | 26.8 | 8.5 | 6.5 | 500 |
| 083160200001 | 16.2 | 19.2 | 35.4 | 10.8 | 8.1 | 500 |

SR K-0000

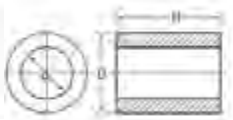
## Spacer Column Expaned

**Black Thermal Stabilized PA UL94 V2**

LINE EXTENSION

- Replacing metal parts, effectively saving costs
- Reduce vibration and shock
- Product range covers a variety of diameters






| Part Number | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | D | H | |
| 13ME001 | 2.6 | 4.0 | 2.0 | 1000 |
| 13ME002 | 2.6 | 4.0 | 3.0 | 1000 |
| 13ME003 | 2.6 | 4.0 | 5.0 | 1000 |
| 13ME010 | 2.6 | 5.0 | 2.0 | 1000 |
| 13ME011 | 2.6 | 5.0 | 3.0 | 1000 |
| 13ME012 | 2.6 | 5.0 | 5.0 | 1000 |
| 13ME014 | 2.6 | 5.0 | 10.0 | 1000 |
| 13ME019 | 3.2 | 5.0 | 2.0 | 1000 |
| 13ME020 | 3.2 | 5.0 | 3.0 | 1000 |
| 13ME021 | 3.2 | 5.0 | 5.0 | 1000 |
| 13ME023 | 3.2 | 5.0 | 10.0 | 1000 |
| 13ME028 | 3.2 | 6.0 | 3.0 | 1000 |
| 13ME029 | 3.2 | 6.0 | 5.0 | 1000 |
| 13ME031 | 3.2 | 6.0 | 10.0 | 1000 |
| 13ME032 | 3.2 | 6.0 | 15.0 | 1000 |
| 13ME033 | 3.2 | 6.0 | 20.0 | 1000 |
| 13ME037 | 3.2 | 8.0 | 5.0 | 1000 |
| 13ME045 | 3.6 | 6.0 | 5.0 | 1000 |
| 13ME047 | 3.6 | 6.0 | 10.0 | 1000 |
| 13ME048 | 3.6 | 6.0 | 15.0 | 1000 |
| 13ME053 | 4.3 | 8.0 | 5.0 | 1000 |
| 13ME055 | 4.3 | 8.0 | 10.0 | 1000 |
| 13ME056 | 4.3 | 8.0 | 15.0 | 1000 |
| 13ME061 | 5.3 | 10.0 | 5.0 | 1000 |
| 13ME063 | 5.3 | 10.0 | 10.0 | 1000 |
| 13ME064 | 5.3 | 10.0 | 15.0 | 500 |
| 13ME065 | 5.3 | 10.0 | 20.0 | 1000 |
| 13ME069 | 6.3 | 10.0 | 5.0 | 1000 |
| 13ME071 | 6.3 | 10.0 | 10.0 | 1000 |
| 13ME072 | 6.3 | 10.0 | 15.0 | 500 |
| 13ME076 | 6.5 | 15.0 | 3.0 | 500 |
| 13ME077 | 6.5 | 15.0 | 5.0 | 500 |
| 13ME079 | 6.5 | 15.0 | 10.0 | 1000 |
| 13ME080 | 6.5 | 15.0 | 15.0 | 1000 |
| 13ME084 | 8.3 | 12.0 | 3.0 | 1000 |
| 13ME085 | 8.3 | 12.0 | 5.0 | 1000 |
| 13ME087 | 8.3 | 12.0 | 10.0 | 500 |
| 13ME088 | 8.3 | 12.0 | 15.0 | 1000 |
| 13ME093 | 8.3 | 18.0 | 5.0 | 500 |
| 13ME095 | 8.3 | 18.0 | 10.0 | 1000 |
| 13ME096 | 8.3 | 18.0 | 15.0 | 500 |
| 13ME097 | 8.3 | 18.0 | 20.0 | 500 |
| 13ME100 | 10.4 | 15.0 | 3.0 | 1000 |
| 13ME101 | 10.4 | 15.0 | 5.0 | 1000 |
| 13ME103 | 10.4 | 15.0 | 10.0 | 500 |
| 13ME104 | 10.4 | 15.0 | 15.0 | 1000 |
| 13ME108 | 10.4 | 22.0 | 5.0 | 1000 |
| 13ME109 | 10.4 | 22.0 | 10.0 | 500 |
| 13ME110 | 10.4 | 22.0 | 15.0 | 1000 |
| 13ME111 | 10.4 | 22.0 | 20.0 | 250 |
| 13ME118 | 13.3 | 18.0 | 3.0 | 1000 |
| 13ME119 | 13.3 | 18.0 | 5.0 | 1000 |
| 13ME121 | 13.3 | 18.0 | 10.0 | 1000 |
| 13ME122 | 13.3 | 18.0 | 15.0 | 1000 |
| 13ME126 | 13.3 | 25.0 | 5.0 | 1000 |
| 13ME127 | 13.3 | 25.0 | 10.0 | 500 |
| 13ME128 | 13.3 | 25.0 | 15.0 | 1000 |
| 13ME129 | 13.3 | 25.0 | 20.0 | 1000 |

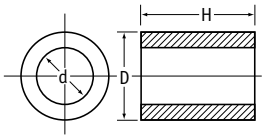
SR 1941

# Spacers

**Natural Nylon 6.6**

- Cost-effective alternative to metal
- Absorb shock and vibration
- Range covers most diameters






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | D | H | |
| 1113430000VR | 2.5 | 5.0 | 8.0 | 1000 |
| 005206000005* | 2.6 | 4.0 | 5.0 | 1000 |
| 005209000005* | 2.6 | 4.0 | 7.5 | 1000 |
| 005212000005* | 2.6 | 4.0 | 10.0 | 1000 |
| 005215000005* | 2.6 | 4.0 | 15.0 | 1000 |
| 005243000005* | 2.6 | 5.0 | 5.0 | 1000 |
| 005246000005* | 2.6 | 5.0 | 7.5 | 1000 |
| 005249000005* | 2.6 | 5.0 | 10.0 | 1000 |
| 005252000005* | 2.6 | 5.0 | 15.0 | 1000 |
| 005255000005* | 2.6 | 5.0 | 20.0 | 1000 |
| 005258000005* | 2.6 | 5.0 | 25.0 | 1000 |
| 005311000002 | 3.1 | 6.0 | 2.0 | 1000 |
| 005314000002 | 3.1 | 6.0 | 3.0 | 1000 |
| 005315500002 | 3.1 | 6.0 | 4.0 | 1000 |
| 1110760000VR | 3.1 | 6.0 | 5.0 | 1000 |
| 005318200002 | 3.1 | 6.0 | 6.0 | 1000 |
| 005320000002 | 3.1 | 6.0 | 7.5 | 1000 |
| 005320600002 | 3.1 | 6.0 | 8.0 | 1000 |
| 005323000002 | 3.1 | 6.0 | 10.0 | 1000 |
| 005324200002 | 3.1 | 6.0 | 12.0 | 1000 |
| 005327800002 | 3.1 | 6.0 | 18.0 | 500 |
| 005335000002 | 3.1 | 6.0 | 30.0 | 1000 |
| 005348000002 | 3.1 | 8.0 | 3.0 | 500 |
| 005351000002 | 3.1 | 8.0 | 5.0 | 500 |
| 005354000002 | 3.1 | 8.0 | 7.5 | 500 |
| 005371200002 | 3.4 | 6.0 | 2.0 | 500 |
| 005371400002 | 3.4 | 6.0 | 3.0 | 500 |
| 005371600002 | 3.4 | 6.0 | 4.0 | 500 |
| 005371800002 | 3.4 | 6.0 | 5.0 | 500 |
| 005372000002 | 3.4 | 6.0 | 6.0 | 500 |
| 005372400002 | 3.4 | 6.0 | 8.0 | 500 |
| 005372800002 | 3.4 | 6.0 | 10.0 | 500 |
| 1110390000VR | 3.5 | 6.0 | 5.0 | 1000 |
| 005385000002 | 3.6 | 6.0 | 3.0 | 500 |
| 005386500002 | 3.6 | 6.0 | 4.0 | 500 |
| 005388000002 | 3.6 | 6.0 | 5.0 | 500 |
| 005391000002 | 3.6 | 6.0 | 7.5 | 500 |
| 005391600002 | 3.6 | 6.0 | 8.0 | 500 |
| 1111170000VR | 3.6 | 6.0 | 10.0 | 1000 |
| 005395200002 | 3.6 | 6.0 | 12.0 | 500 |
| 1110950000VR | 3.6 | 6.0 | 15.0 | 1000 |
| 1110960000VR | 3.6 | 6.0 | 20.0 | 1000 |
| 1110980000VR | 3.6 | 6.0 | 30.0 | 1000 |
| 1116000000VR | 4.0 | 8.0 | 8.0 | 1000 |
| 1115950000VR | 4.15 | 8.0 | 8.0 | 1000 |
| 005419000002 | 4.2 | 8.0 | 3.0 | 500 |
| 1114160000VR | 4.2 | 8.0 | 4.0 | 1000 |
| 005422000002 | 4.2 | 8.0 | 5.0 | 500 |

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | D | H | |
| 005423200002 | 4.2 | 8.0 | 6.0 | 1000 |
| 1114170000VR | 4.2 | 8.0 | 7.0 | 1000 |
| 1110580000VR | 4.2 | 8.0 | 7.5 | 1000 |
| 1111020000VR | 4.2 | 8.0 | 8.0 | 1000 |
| 1114180000VR | 4.2 | 8.0 | 9.0 | 1000 |
| 1110590000VR | 4.2 | 8.0 | 10.0 | 1000 |
| 1114190000VR | 4.2 | 8.0 | 11.0 | 1000 |
| 1114200000VR | 4.2 | 8.0 | 13.0 | 1000 |
| 1114210000VR | 4.2 | 8.0 | 14.0 | 1000 |
| 1110610000VR | 4.2 | 8.0 | 15.0 | 1000 |
| 1116510000VR | 4.2 | 8.0 | 16.0 | 1000 |
| 1116520000VR | 4.2 | 8.0 | 17.0 | 1000 |
| 1116530000VR | 4.2 | 8.0 | 18.0 | 1000 |
| 1116540000VR | 4.2 | 8.0 | 19.0 | 1000 |
| 1110620000VR | 4.2 | 8.0 | 20.0 | 1000 |
| 1110630000VR | 4.2 | 8.0 | 25.0 | 1000 |
| 1110640000VR | 4.2 | 8.0 | 30.0 | 1000 |
| 1114390000VR | 5.2 | 10.0 | 4.0 | 1000 |
| 005456000002 | 5.2 | 10.0 | 5.0 | 1000 |
| 1111200000VR | 5.2 | 10.0 | 6.0 | 1000 |
| 1114400000VR | 5.2 | 10.0 | 7.0 | 1000 |
| 1110670000VR | 5.2 | 10.0 | 7.5 | 1000 |
| 1111210000VR | 5.2 | 10.0 | 8.0 | 1000 |
| 1114410000VR | 5.2 | 10.0 | 9.0 | 1000 |
| 1110680000VR | 5.2 | 10.0 | 10.0 | 1000 |
| 1114420000VR | 5.2 | 10.0 | 11.0 | 1000 |
| 1111230000VR | 5.2 | 10.0 | 12.0 | 1000 |
| 1114430000VR | 5.2 | 10.0 | 13.0 | 1000 |
| 1114440000VR | 5.2 | 10.0 | 14.0 | 1000 |
| 1110690000VR | 5.2 | 10.0 | 15.0 | 1000 |
| 1114450000VR | 5.2 | 10.0 | 16.0 | 1000 |
| 1114460000VR | 5.2 | 10.0 | 17.0 | 1000 |
| 1114480000VR | 5.2 | 10.0 | 18.0 | 1000 |
| 1114490000VR | 5.2 | 10.0 | 19.0 | 1000 |
| 005468000002 | 5.2 | 10.0 | 20.0 | 250 |
| 005471000002 | 5.2 | 10.0 | 25.0 | 1000 |
| 1110720000VR | 5.2 | 10.0 | 30.0 | 1000 |
| 1140540000VR | 6.1 | 8.0 | 4.2 | 1000 |
| 1140550000VR | 6.1 | 8.0 | 6.0 | 1000 |
| 005487000002 | 6.2 | 10.0 | 3.0 | 500 |
| 1114500000VR | 6.2 | 10.0 | 4.0 | 1000 |
| 005490000002 | 6.2 | 10.0 | 5.0 | 500 |
| 1114510000VR | 6.2 | 10.0 | 6.0 | 1000 |
| 1114520000VR | 6.2 | 10.0 | 7.0 | 1000 |
| 005493000002 | 6.2 | 10.0 | 7.5 | 250 |
| 1114530000VR | 6.2 | 10.0 | 8.0 | 1000 |
| 1114540000VR | 6.2 | 10.0 | 9.0 | 1000 |
| 005496000002 | 6.2 | 10.0 | 10.0 | 250 |
| 1114550000VR | 6.2 | 10.0 | 11.0 | 1000 |
| 1114560000VR | 6.2 | 10.0 | 12.0 | 1000 |
| 1114570000VR | 6.2 | 10.0 | 13.0 | 1000 |
| 1114580000VR | 6.2 | 10.0 | 14.0 | 1000 |
| 1111380000VR | 6.2 | 10.0 | 15.0 | 1000 |
| 1114590000VR | 6.2 | 10.0 | 16.0 | 1000 |
| 1114600000VR | 6.2 | 10.0 | 17.0 | 1000 |
| 1114610000VR | 6.2 | 10.0 | 18.0 | 1000 |
| 1114620000VR | 6.2 | 10.0 | 19.0 | 1000 |
| 005502000002 | 6.2 | 10.0 | 20.0 | 250 |
| 005505000002 | 6.2 | 10.0 | 25.0 | 100 |
| 005508000002 | 6.2 | 10.0 | 30.0 | 250 |
| 1115890000VR | 6.2 | 12.0 | 25.0 | 1000 |
| 1111440000VR | 6.3 | 15.0 | 7.5 | 1000 |
| 1111450000VR | 6.3 | 15.0 | 10.0 | 1000 |
| 1111460000VR | 6.3 | 15.0 | 15.0 | 1000 |
| 1110910000VR | 6.3 | 15.0 | 20.0 | 1000 |
| 1111480000VR | 6.3 | 15.0 | 25.0 | 1000 |
| 1111600000VR | 8.2 | 12.0 | 7.5 | 1000 |
| 1110890000VR | 8.2 | 12.0 | 10.0 | 1000 |
| 1111620000VR | 8.2 | 12.0 | 15.0 | 1000 |
| 1111630000VR | 8.2 | 12.0 | 20.0 | 1000 |
| 1111640000VR | 8.2 | 12.0 | 25.0 | 1000 |
| 1111650000VR | 8.2 | 12.0 | 30.0 | 1000 |
| 1001440000VR | 8.2 | 16.0 | 4.0 | 1000 |
| 1110860000VR | 8.2 | 16.0 | 5.0 | 1000 |
| 1110920000VR | 8.2 | 16.0 | 6.0 | 500 |
| 1115030000VR | 8.2 | 16.0 | 7.0 | 1000 |

* Manufactured in POM.

CONTINUED ON NEXT PAGE

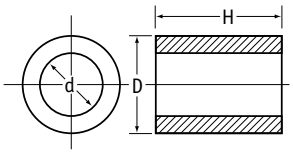
SR 1941

# Spacers

**Natural Nylon 6.6**

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | D | H | |
| 1111530000VR | 8.2 | 16.0 | 8.0 | 1000 |
| 1115040000VR | 8.2 | 16.0 | 9.0 | 1000 |
| 1111540000VR | 8.2 | 16.0 | 10.0 | 1000 |
| 1111550000VR | 8.2 | 16.0 | 12.0 | 1000 |
| 1115060000VR | 8.2 | 16.0 | 13.0 | 1000 |
| 1115070000VR | 8.2 | 16.0 | 14.0 | 1000 |
| 1111560000VR | 8.2 | 16.0 | 15.0 | 1000 |
| 1115080000VR | 8.2 | 16.0 | 16.0 | 1000 |
| 1115090000VR | 8.2 | 16.0 | 17.0 | 1000 |
| 1115100000VR | 8.2 | 16.0 | 18.0 | 1000 |
| 1115110000VR | 8.2 | 16.0 | 19.0 | 1000 |
| 1111570000VR | 8.2 | 16.0 | 20.0 | 1000 |
| 1117890000VR | 8.2 | 16.0 | 22.0 | 1000 |
| 1117900000VR | 8.2 | 16.0 | 23.0 | 1000 |
| 1117910000VR | 8.2 | 16.0 | 24.0 | 1000 |
| 1117920000VR | 8.2 | 16.0 | 25.0 | 1000 |
| 1117930000VR | 8.2 | 16.0 | 26.0 | 1000 |
| 1117940000VR | 8.2 | 16.0 | 27.0 | 1000 |
| 1117950000VR | 8.2 | 16.0 | 28.0 | 1000 |
| 1117960000VR | 8.2 | 16.0 | 29.0 | 1000 |
| 1117970000VR | 8.2 | 16.0 | 30.0 | 1000 |
| 005589000002 | 8.2 | 18.0 | 3.0 | 100 |
| 005595000002 | 8.2 | 17.5 | 7.5 | 100 |
| 005598000002 | 8.2 | 18.0 | 10.0 | 100 |
| 005601000002 | 8.2 | 18.0 | 15.0 | 100 |
| 005604000002 | 8.2 | 18.0 | 20.0 | 100 |
| 005607000002 | 8.2 | 18.0 | 25.0 | 100 |
| 005610000002 | 8.2 | 18.0 | 30.0 | 100 |
| 005610500002 | 8.2 | 18.0 | 35.0 | 50 |
| 005611000002 | 8.2 | 18.0 | 40.0 | 50 |
| 1116100000VR | 10.0 | 12.0 | 6.0 | 1000 |
| 1001560000VR | 10.2 | 20.0 | 4.0 | 1000 |
| 1111750000VR | 10.2 | 20.0 | 5.0 | 1000 |
| 1111760000VR | 10.2 | 20.0 | 6.0 | 1000 |
| 1115200000VR | 10.2 | 20.0 | 7.0 | 1000 |
| 1115210000VR | 10.2 | 20.0 | 8.0 | 1000 |
| 1115220000VR | 10.2 | 20.0 | 9.0 | 1000 |
| 1111780000VR | 10.2 | 20.0 | 10.0 | 1000 |
| 1111790000VR | 10.2 | 20.0 | 12.0 | 1000 |
| 1115240000VR | 10.2 | 20.0 | 13.0 | 1000 |
| 1115250000VR | 10.2 | 20.0 | 14.0 | 1000 |
| 1111800000VR | 10.2 | 20.0 | 15.0 | 1000 |
| 1115260000VR | 10.2 | 20.0 | 16.0 | 1000 |
| 1115270000VR | 10.2 | 20.0 | 17.0 | 1000 |
| 1115280000VR | 10.2 | 20.0 | 18.0 | 1000 |
| 1115290000VR | 10.2 | 20.0 | 19.0 | 1000 |
| 1111810000VR | 10.2 | 20.0 | 20.0 | 1000 |
| 1118440000VR | 10.2 | 20.0 | 21.0 | 1000 |
| 1118460000VR | 10.2 | 20.0 | 23.0 | 1000 |
| 1118470000VR | 10.2 | 20.0 | 24.0 | 1000 |
| 1118480000VR | 10.2 | 20.0 | 25.0 | 500 |
| 1118490000VR | 10.2 | 20.0 | 26.0 | 1000 |
| 1118510000VR | 10.2 | 20.0 | 28.0 | 1000 |
| 1118530000VR | 10.2 | 20.0 | 30.0 | 1000 |
| 005623000002 | 10.3 | 15.0 | 3.0 | 250 |
| 005626000002 | 10.3 | 15.0 | 5.0 | 250 |
| 005629000002 | 10.3 | 15.0 | 7.5 | 250 |
| 005632000002 | 10.3 | 15.0 | 10.0 | 250 |
| 005635000002 | 10.3 | 15.0 | 15.0 | 250 |
| 005638000002 | 10.3 | 15.0 | 20.0 | 100 |
| 005641000002 | 10.3 | 15.0 | 25.0 | 100 |
| 005644000002 | 10.3 | 15.0 | 30.0 | 100 |
| 005646000002 | 10.3 | 15.0 | 40.0 | 100 |
| 005660000002 | 10.6 | 22.0 | 5.0 | 100 |





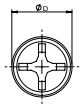
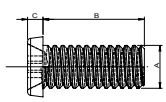

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | D | H | |
| 005669000002 | 10.6 | 22.0 | 15.0 | 50 |
| 005671000002 | 10.6 | 22.0 | 20.0 | 50 |
| 005675000002 | 10.6 | 22.0 | 25.0 | 50 |
| 005678000002 | 10.6 | 22.0 | 30.0 | 50 |
| 005681000002 | 10.6 | 22.0 | 35.0 | 50 |
| 005684000002 | 10.6 | 22.0 | 40.0 | 50 |
| 005687000002 | 10.6 | 22.0 | 45.0 | 50 |
| 005690000002 | 10.6 | 22.0 | 50.0 | 25 |
| 005691000002 | 10.6 | 22.0 | 60.0 | 25 |
| 1343705 | 12.0 | 23.0 | 4.0 | 1000 |
| 1115870000VR | 12.0 | 30.0 | 7.0 | 1000 |
| 005740000002 | 12.6 | 25.0 | 5.0 | 100 |
| 005743000002 | 12.6 | 25.0 | 10.0 | 50 |
| 005746000002 | 12.6 | 25.0 | 15.0 | 50 |
| 005749000002 | 12.6 | 25.0 | 20.0 | 50 |
| 005752000002 | 12.6 | 25.0 | 25.0 | 50 |
| 005755000002 | 12.6 | 25.0 | 30.0 | 50 |
| 005758000002 | 12.6 | 25.0 | 35.0 | 50 |
| 005761000002 | 12.6 | 25.0 | 40.0 | 50 |
| 005703000002 | 12.8 | 18.0 | 3.0 | 100 |
| 005706000002 | 12.8 | 18.0 | 5.0 | 100 |
| 1112020000VR | 12.8 | 18.0 | 7.5 | 1000 |
| 1112030000VR | 12.8 | 18.0 | 10.0 | 1000 |
| 1112040000VR | 12.8 | 18.0 | 15.0 | 1000 |
| 1112050000VR | 12.8 | 18.0 | 20.0 | 1000 |
| 005721000002 | 12.8 | 18.0 | 25.0 | 100 |
| 1112070000VR | 12.8 | 18.0 | 30.0 | 1000 |
| 1115880000VR | 16.0 | 30.0 | 7.0 | 1000 |
| 005819600002 | 16.5 | 25.0 | 5.0 | 100 |
| 005821600002 | 16.5 | 25.0 | 10.0 | 50 |
| 005823600002 | 16.5 | 25.0 | 15.0 | 50 |
| 005825600002 | 16.5 | 25.0 | 20.0 | 50 |
| 005827600002 | 16.5 | 25.0 | 25.0 | 50 |
| 005833600002 | 16.5 | 25.0 | 40.0 | 50 |
| 1343704 | 20.0 | 32.0 | 4.0 | 500 |
| 1115990000VR | 25.0 | 31.3 | 4.0 | 500 |

K-0054

## Reny Pan Head Micro Screws

**Reny: Glass filled Nylon**

- 50% Glass filled Polyamide
- High strengh & elasticity coefficient
- Excellent oil resistance
- Continuous use of temperature 105 ºC

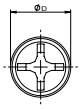
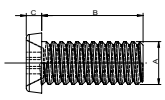




| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 1439958 | M1.2 | 1.5 | 0.5 | 1.8 | 100 |
| 1439962 | M1.2 | 1.8 | 0.5 | 1.8 | 100 |
| 1439963 | M1.2 | 2.0 | 0.5 | 1.8 | 100 |
| 1439964 | M1.2 | 2.5 | 0.5 | 1.8 | 100 |
| 1439965 | M1.2 | 3.0 | 0.5 | 1.8 | 100 |
| 1439966 | M1.2 | 3.5 | 0.5 | 1.8 | 100 |
| 1439967 | M1.2 | 4.0 | 0.5 | 1.8 | 100 |
| 1439968 | M1.4 | 2.0 | 0.5 | 2.0 | 100 |
| 1439969 | M1.4 | 2.5 | 0.5 | 2.0 | 100 |
| 1439970 | M1.4 | 3.0 | 0.5 | 2.0 | 100 |
| 1439971 | M1.4 | 3.5 | 0.5 | 2.0 | 100 |
| 1439972 | M1.4 | 4.0 | 0.5 | 2.0 | 100 |
| 1439973 | M1.4 | 6.0 | 0.5 | 2.0 | 100 |
| 1439974 | M1.6 | 2.0 | 0.5 | 2.3 | 100 |
| 1439975 | M1.6 | 2.5 | 0.5 | 2.3 | 100 |
| 1439976 | M1.6 | 3.0 | 0.5 | 2.3 | 100 |
| 1439977 | M1.6 | 3.5 | 0.5 | 2.3 | 100 |
| 1439978 | M1.6 | 4.0 | 0.5 | 2.3 | 100 |
| 1439979 | M1.6 | 6.0 | 0.5 | 2.3 | 100 |

K-0055

## PEEK® Pan Head Micro Screws

- Made from PEEK®
- Colour: Light Brown
- Continuous use temperature 180 ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0

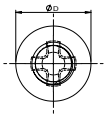
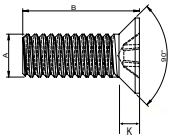

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 1439986 | M1.2 | 1.5 | 0.5 | 1.8 | 100 |
| 1439987 | M1.2 | 1.8 | 0.5 | 1.8 | 100 |
| 1439988 | M1.2 | 2.0 | 0.5 | 1.8 | 100 |
| 1439989 | M1.2 | 2.5 | 0.5 | 1.8 | 100 |
| 1439990 | M1.2 | 3.0 | 0.5 | 1.8 | 100 |
| 1439991 | M1.2 | 3.5 | 0.5 | 1.8 | 100 |
| 1439992 | M1.2 | 4.0 | 0.5 | 1.8 | 100 |
| 1439993 | M1.4 | 2.0 | 0.5 | 2.0 | 100 |
| 1439994 | M1.4 | 2.5 | 0.5 | 2.0 | 100 |
| 1439995 | M1.4 | 3.0 | 0.5 | 2.0 | 100 |
| 1439996 | M1.4 | 3.5 | 0.5 | 2.0 | 100 |
| 1439997 | M1.4 | 4.0 | 0.5 | 2.0 | 100 |
| 1439998 | M1.4 | 6.0 | 0.5 | 2.0 | 100 |
| 1439999 | M1.6 | 2.0 | 0.5 | 2.3 | 100 |
| 1440000 | M1.6 | 2.5 | 0.5 | 2.3 | 100 |
| 1440001 | M1.6 | 3.0 | 0.5 | 2.3 | 100 |
| 1440002 | M1.6 | 3.5 | 0.5 | 2.3 | 100 |
| 1440003 | M1.6 | 4.0 | 0.5 | 2.3 | 100 |
| 1440004 | M1.6 | 6.0 | 0.5 | 2.3 | 100 |

K-0056

## Reny Countersunk Micro Screws

**Reny: Glass filled Nylon**

- 50% Glass filled Polyamide
- High strengh & elasticity coefficient
- Excellent oil resistance
- Continuous use of temperature 105 ºC

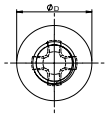
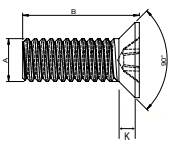




| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | D | K | |
| 1439980 | M1.2 | 2.5 | 2.3 | 0.9 | 100 |
| 1439981 | M1.2 | 4.0 | 2.3 | 0.9 | 100 |
| 1439982 | M1.4 | 2.5 | 2.5 | 1.0 | 100 |
| 1439983 | M1.4 | 4.0 | 2.5 | 1.0 | 100 |
| 1439984 | M1.6 | 2.5 | 2.8 | 1.2 | 100 |
| 1439985 | M1.6 | 4.0 | 2.8 | 1.2 | 100 |

K-0057

## PEEK® Countersunk Micro Screws

- Made from PEEK®
- Colour: Light Brown
- Continuous use temperature 180 ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0

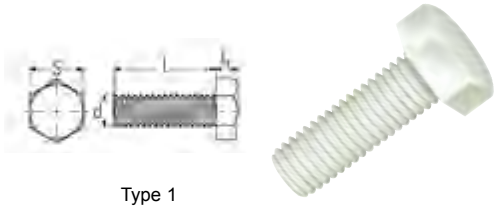

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | D | K | |
| 1440005 | M1.2 | 2.5 | 2.3 | 0.9 | 100 |
| 1440006 | M1.2 | 4.0 | 2.3 | 0.9 | 100 |
| 1440007 | M1.4 | 2.5 | 2.5 | 1.0 | 100 |
| 1440008 | M1.4 | 4.0 | 2.5 | 1.0 | 100 |
| 1440009 | M1.6 | 2.5 | 2.8 | 1.2 | 100 |
| 1440010 | M1.6 | 4.0 | 2.8 | 1.2 | 100 |

SR 1992

# Hexagonal Head Screws

**Natural Nylon 6.6**

- Type 1 - Refer to standard ISO 4017, NF EN 24017, DIN 933 for guidance purposes only
- Type 2 - Refer to standard DIN 931 for guidance purposes only




Type 1

Type 1

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | $l_1$ | S | |
| 0020030000VR | M2 x 0.4 | 6.0 | 1.2 | 4.0 | 1000 |
| 0021350000VR | M2.5 x 0.45 | 6.0 | 1.3 | 4.0 | 1000 |
| 0021310000VR | M2.5 x 0.45 | 16.0 | 1.3 | 4.0 | 1000 |
| 0020060000VR | M3 x 0.5 | 4.0 | 2.0 | 5.5 | 1000 |
| 0020070000VR | M3 x 0.5 | 6.0 | 2.0 | 5.5 | 1000 |
| 0020080000VR | M3 x 0.5 | 8.0 | 2.0 | 5.5 | 1000 |
| 0020090000VR | M3 x 0.5 | 10.0 | 2.0 | 5.5 | 1000 |
| 0020120000VR | M3 x 0.5 | 16.0 | 2.0 | 5.5 | 1000 |
| 0020130000VR | M3 x 0.5 | 20.0 | 2.0 | 5.5 | 1000 |
| 0020150000VR | M3 x 0.5 | 30.0 | 2.0 | 5.5 | 1000 |
| 0020160000VR | M4 x 0.7 | 6.0 | 2.8 | 7.0 | 1000 |
| 0020170000VR | M4 x 0.7 | 8.0 | 2.8 | 7.0 | 1000 |
| 0020180000VR | M4 x 0.7 | 10.0 | 2.8 | 7.0 | 1000 |
| 0020190000VR | M4 x 0.7 | 12.0 | 2.8 | 7.0 | 1000 |
| 0020210000VR | M4 x 0.7 | 16.0 | 2.8 | 7.0 | 1000 |
| 0020220000VR | M4 x 0.7 | 20.0 | 2.8 | 7.0 | 1000 |
| 0020230000VR | M4 x 0.7 | 25.0 | 2.8 | 7.0 | 1000 |
| 0020260000VR | M5 x 0.8 | 6.0 | 4.0 | 8.0 | 1000 |
| 0020270000VR | M5 x 0.8 | 8.0 | 4.0 | 8.0 | 1000 |
| 0020280000VR | M5 x 0.8 | 10.0 | 4.0 | 8.0 | 1000 |
| 0020310000VR | M5 x 0.8 | 16.0 | 4.0 | 8.0 | 1000 |
| 0020330000VR | M5 x 0.8 | 20.0 | 4.0 | 8.0 | 1000 |
| 0020340000VR | M5 x 0.8 | 25.0 | 4.0 | 8.0 | 1000 |
| 0020350000VR | M5 x 0.8 | 30.0 | 4.0 | 8.0 | 1000 |
| 0020370000VR | M5 x 0.8 | 50.0 | 4.0 | 8.0 | 1000 |
| 0020420000VR | M6 x 1.0 | 10.0 | 4.0 | 10.0 | 1000 |
| 0020430000VR | M6 x 1.0 | 12.0 | 4.0 | 10.0 | 1000 |
| 0020450000VR | M6 x 1.0 | 16.0 | 4.0 | 10.0 | 1000 |
| 0020460000VR | M6 x 1.0 | 20.0 | 4.0 | 10.0 | 1000 |
| 0020480000VR | M6 x 1.0 | 25.0 | 4.0 | 10.0 | 1000 |
| 0020500000VR | M6 x 1.0 | 30.0 | 4.0 | 10.0 | 1000 |
| 0020520000VR | M6 x 1.0 | 40.0 | 4.0 | 10.0 | 1000 |
| 0020530000VR | M6 x 1.0 | 50.0 | 4.0 | 10.0 | 500 |

Type 1

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | $l_1$ | S | |
| 0020550000VR | M6 x 1.0 | 60.0 | 4.0 | 10.0 | 500 |
| 0020570000VR | M6 x 1.0 | 80.0 | 4.0 | 10.0 | 500 |
| 0020650000VR | M8 x 1.25 | 10.0 | 5.5 | 13.0 | 1000 |
| 0020680000VR | M8 x 1.25 | 16.0 | 5.5 | 13.0 | 1000 |
| 0020690000VR | M8 x 1.25 | 20.0 | 5.5 | 13.0 | 1000 |
| 0020700000VR | M8 x 1.25 | 25.0 | 5.5 | 13.0 | 1000 |
| 0020710000VR | M8 x 1.25 | 30.0 | 5.5 | 13.0 | 1000 |
| 0020720000VR | M8 x 1.25 | 35.0 | 5.5 | 13.0 | 1000 |
| 0020730000VR | M8 x 1.25 | 40.0 | 5.5 | 13.0 | 1000 |
| 0020740000VR | M8 x 1.25 | 50.0 | 5.5 | 13.0 | 500 |
| 0020750000VR | M8 x 1.25 | 60.0 | 5.5 | 13.0 | 500 |
| 0021480000VR | M8 x 1.25 | 70.0 | 5.5 | 13.0 | 500 |
| 0020770000VR | M8 x 1.25 | 80.0 | 5.5 | 13.0 | 500 |
| 0021850000VR | M10 x 1.5 | 16.0 | 7.0 | 17.0 | 1000 |
| 0020860000VR | M10 x 1.5 | 20.0 | 7.0 | 17.0 | 500 |
| 0020880000VR | M10 x 1.5 | 30.0 | 7.0 | 17.0 | 500 |
| 0021270000VR | M10 x 1.5 | 40.0 | 7.0 | 17.0 | 500 |
| 0020890000VR | M10 x 1.5 | 50.0 | 7.0 | 17.0 | 250 |
| 0020900000VR | M10 x 1.5 | 60.0 | 7.0 | 17.0 | 250 |
| 0020910000VR | M10 x 1.5 | 70.0 | 7.0 | 17.0 | 250 |
| 0020920000VR | M10 x 1.5 | 80.0 | 7.0 | 17.0 | 250 |
| 0021900000VR | M12 x 1.75 | 16.0 | 7.0 | 19.0 | 1000 |
| 0021360000VR | M12 x 1.75 | 20.0 | 10.0 | 19.0 | 1000 |
| 0021010000VR | M12 x 1.75 | 30.0 | 10.0 | 19.0 | 500 |
| 0021020000VR | M12 x 1.75 | 40.0 | 10.0 | 19.0 | 500 |
| 0021030000VR | M12 x 1.75 | 50.0 | 10.0 | 19.0 | 250 |
| 0021040000VR | M12 x 1.75 | 60.0 | 10.0 | 19.0 | 250 |
| 0021050000VR | M12 x 1.75 | 70.0 | 10.0 | 19.0 | 250 |
| 0021060000VR | M12 x 1.75 | 80.0 | 10.0 | 19.0 | 250 |
| 0021150000VR | M16 x 2.0 | 16.0 | 10.0 | 24.0 | 250 |
| 0021130000VR | M16 x 2.0 | 20.0 | 10.0 | 24.0 | 250 |
| 0021160000VR | M16 x 2.0 | 30.0 | 10.0 | 24.0 | 250 |
| 0021180000VR | M16 x 2.0 | 50.0 | 10.0 | 24.0 | 250 |
| 0021190000VR | M16 x 2.0 | 60.0 | 10.0 | 24.0 | 250 |
| 0021220000VR | M16 x 2.0 | 80.0 | 10.0 | 24.0 | 250 |
| 0021210000VR | M16 x 2.0 | 100.0 | 10.0 | 24.0 | 250 |

K-0004

# Slotted Hex Head Screw

**Natural Nylon 6.6**



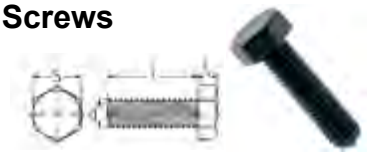
| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | l1 | S | Groove Width | Groove Depth | |
| 50M020040K004 | M2x0.4 | 4.0 | 1.3-1.6 | 3.02-3.2 | 0.6 | 0.46 | 1000 |
| 50M020040K005 | M2x0.4 | 5.0 | 1.3-1.6 | 3.02-3.2 | 0.6 | 0.46 | 1000 |
| 50M020040K006 | M2x0.4 | 6.0 | 1.3-1.6 | 3.02-3.2 | 0.6 | 0.46 | 1000 |
| 50M020040K010 | M2x0.4 | 10.0 | 1.3-1.6 | 3.02-3.2 | 0.6 | 0.46 | 1000 |
| 50M025045K004 | M2.5x0.45 | 4.0 | 1.8-2.1 | 3.82-4 | 0.8 | 0.99 | 1000 |
| 50M025045K005 | M2.5x0.45 | 5.0 | 1.8-2.1 | 3.82-4 | 0.8 | 0.99 | 1000 |
| 50M025045K008 | M2.5x0.45 | 8.0 | 1.8-2.1 | 3.82-4 | 0.8 | 0.99 | 1000 |
| 50M025045K010 | M2.5x0.45 | 10.0 | 1.8-2.1 | 3.82-4 | 0.8 | 0.99 | 1000 |
| 50M025045K012 | M2.5x0.45 | 12.0 | 1.8-2.1 | 3.82-4 | 0.8 | 0.99 | 1000 |
| 50M030050K005 | M3x0.5 | 5.0 | 2.0-2.3 | 4.82-5 | 0.99 | 1.3 | 1000 |
| 50M030050K008 | M3x0.5 | 8.0 | 2.0-2.3 | 4.82-5 | 0.99 | 1.3 | 1000 |
| 50M030050K010 | M3x0.5 | 10.0 | 2.0-2.3 | 4.82-5 | 0.99 | 1.3 | 1000 |
| 50M030050K016 | M3x0.5 | 16.0 | 2.0-2.3 | 4.82-5 | 0.99 | 1.3 | 1000 |
| 50M030050K020 | M3x0.5 | 20.0 | 2.0-2.3 | 4.82-5 | 0.99 | 1.3 | 1000 |
| 50M035060K005 | M3.5x0.6 | 5.0 | 2.3-2.6 | 5.32-5.5 | 1.2 | 1.28 | 1000 |
| 50M035060K008 | M3.5x0.6 | 8.0 | 2.3-2.6 | 5.32-5.5 | 1.2 | 1.28 | 1000 |
| 50M035060K010 | M3.5x0.6 | 10.0 | 2.3-2.6 | 5.32-5.5 | 1.2 | 1.28 | 1000 |
| 50M035060K012 | M3.5x0.6 | 12.0 | 2.3-2.6 | 5.32-5.5 | 1.2 | 1.28 | 1000 |
| 50M035060K016 | M3.5x0.6 | 16.0 | 2.3-2.6 | 5.32-5.5 | 1.2 | 1.28 | 1000 |
| 50M035060K020 | M3.5x0.6 | 20.0 | 2.3-2.6 | 5.32-5.5 | 1.2 | 1.28 | 1000 |
| 50M040070K008 | M4x0.7 | 8.0 | 2.6-3 | 6.78-7 | 1.24 | 1.28 | 1000 |
| 50M040070K010 | M4x0.7 | 10.0 | 2.6-3 | 6.78-7 | 1.24 | 1.28 | 1000 |
| 50M040070K016 | M4x0.7 | 16.0 | 2.6-3 | 6.78-7 | 1.24 | 1.28 | 1000 |
| 50M040070K020 | M4x0.7 | 20.0 | 2.6-3 | 6.78-7 | 1.24 | 1.28 | 1000 |
| 50M040070K030 | M4x0.7 | 30.0 | 2.6-3 | 6.78-7 | 1.24 | 1.28 | 1000 |
| 50M050080K006 | M5x0.8 | 6.0 | 3.3-3.8 | 7.78-8 | 1.3 | 1.4 | 1000 |
| 50M050080K010 | M5x0.8 | 10.0 | 3.3-3.8 | 7.78-8 | 1.3 | 1.4 | 1000 |
| 50M050080K016 | M5x0.8 | 16.0 | 3.3-3.8 | 7.78-8 | 1.3 | 1.4 | 1000 |
| 50M050080K020 | M5x0.8 | 20.0 | 3.3-3.8 | 7.78-8 | 1.3 | 1.4 | 1000 |
| 50M050080K025 | M5x0.8 | 25.0 | 3.3-3.8 | 7.78-8 | 1.3 | 1.4 | 500 |

| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | l1 | S | Groove Width | Groove Depth | |
| 50M050080K030 | M5x0.8 | 30.0 | 3.3-3.8 | 7.78-8 | 1.3 | 1.4 | 500 |
| 50M060100K005 | M6x1.0 | 5.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 1000 |
| 50M060100K008 | M6x1.0 | 8.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 1000 |
| 50M060100K010 | M6x1.0 | 10.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 1000 |
| 50M060100K012 | M6x1.0 | 12.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K016 | M6x1.0 | 16.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K020 | M6x1.0 | 20.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K025 | M6x1.0 | 25.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K030 | M6x1.0 | 30.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K035 | M6x1.0 | 35.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K040 | M6x1.0 | 40.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K045 | M6x1.0 | 45.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K050 | M6x1.0 | 50.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M060100K060 | M6x1.0 | 60.0 | 4.1-4.7 | 9.78-10 | 1.7 | 2.24 | 500 |
| 50M080125K010 | M8x1.25 | 10.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M080125K016 | M8x1.25 | 16.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M080125K020 | M8x1.25 | 20.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 1000 |
| 50M080125K025 | M8x1.25 | 25.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M080125K030 | M8x1.25 | 30.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M080125K035 | M8x1.25 | 35.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M080125K040 | M8x1.25 | 40.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M080125K050 | M8x1.25 | 50.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M080125K070 | M8x1.25 | 70.0 | 5.2-6 | 12.73-13 | 2.15 | 2.27 | 500 |
| 50M100150K016 | M10x1.5 | 16.0 | 6.5-7.5 | 15.73-16 | 2.38 | 2.9 | 500 |
| 50M100150K020 | M10x1.5 | 20.0 | 6.5-7.5 | 15.73-16 | 2.38 | 2.9 | 500 |
| 50M100150K025 | M10x1.5 | 25.0 | 6.5-7.5 | 15.73-16 | 2.38 | 2.9 | 500 |
| 50M100150K030 | M10x1.5 | 30.0 | 6.5-7.5 | 15.73-16 | 2.38 | 2.9 | 500 |
| 50M100150K035 | M10x1.5 | 35.0 | 6.5-7.5 | 15.73-16 | 2.38 | 2.9 | 500 |
| 50M100150K050 | M10x1.5 | 50.0 | 6.5-7.5 | 15.73-16 | 2.38 | 2.9 | 500 |
| 50M100150K060 | M10x1.5 | 60.0 | 6.5-7.5 | 15.73-16 | 2.38 | 2.9 | 500 |

SR 1992

## Hexagonal Head Screws

**Black Nylon 6.6**



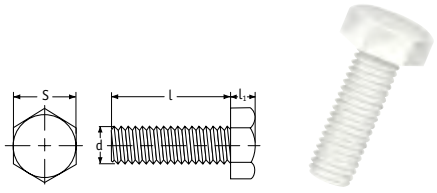
| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | h | s | |
| 0020090001VR | M3 x 0.5 | 10.0 | 2.0 | 5.5 | 100 |
| 0020120001VR | M3 x 0.5 | 16.0 | 2.0 | 5.5 | 100 |
| 0020130001VR | M3 x 0.5 | 20.0 | 2.0 | 5.5 | 100 |
| 0020180001VR | M4 x 0.7 | 10.0 | 2.8 | 7.0 | 100 |
| 0020210001VR | M4 x 0.7 | 16.0 | 2.8 | 7.0 | 100 |
| 0020220001VR | M4 x 0.7 | 20.0 | 2.8 | 7.0 | 100 |
| 0020240001VR | M4 x 0.7 | 30.0 | 2.8 | 7.0 | 100 |
| 0020280001VR | M5 x 0.8 | 10.0 | 4.0 | 8.0 | 100 |
| 0020310001VR | M5 x 0.8 | 16.0 | 4.0 | 8.0 | 100 |
| 0020330001VR | M5 x 0.8 | 20.0 | 4.0 | 8.0 | 100 |
| 0020350001VR | M5 x 0.8 | 30.0 | 4.0 | 8.0 | 100 |
| 0020420001VR | M6 x 1.0 | 10.0 | 4.0 | 10.0 | 100 |
| 0020450001VR | M6 x 1.0 | 16.0 | 4.0 | 10.0 | 100 |
| 0020460001VR | M6 x 1.0 | 20.0 | 4.0 | 10.0 | 100 |
| 0020500001VR | M6 x 1.0 | 30.0 | 4.0 | 10.0 | 100 |
| 0020520001VR | M6 x 1.0 | 40.0 | 4.0 | 10.0 | 100 |
| 0020690001VR | M8 x 1.25 | 20.0 | 5.5 | 13.0 | 100 |
| 0020710001VR | M8 x 1.25 | 30.0 | 5.5 | 13.0 | 100 |
| 0020730001VR | M8 x 1.25 | 40.0 | 5.5 | 13.0 | 100 |
| 0020750001VR | M8 x 1.25 | 60.0 | 5.5 | 13.0 | 100 |
| 0020860001VR | M10 x 1.5 | 20.0 | 7.0 | 17.0 | 100 |
| 0020880001VR | M10 x 1.5 | 30.0 | 7.0 | 17.0 | 100 |
| 0020890001VR | M10 x 1.5 | 50.0 | 7.0 | 17.0 | 100 |
| 0020900001VR | M10 x 1.5 | 60.0 | 7.0 | 17.0 | 100 |
| 0021020001VR | M12 x 1.75 | 40.0 | 10.0 | 19.0 | 100 |
| 0021040001VR | M12 x 1.75 | 60.0 | 10.0 | 19.0 | 100 |

SR 1901

## Hexagonal Head Screws-PVDF

**Natural PVDF**

- Refer to standard ISO 4017, NF EN 24017, DIN 933 for guidance purposes only



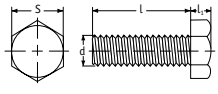

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | h | s | |
| 0020090500VR | M3 x 0.5 | 10.0 | 2.0 | 5.5 | 100 |
| 0020120500VR | M3 x 0.5 | 16.0 | 2.0 | 5.5 | 100 |
| 0020130500VR | M3 x 0.5 | 20.0 | 2.0 | 5.5 | 100 |
| 0020180500VR | M4 x 0.7 | 10.0 | 2.8 | 7.0 | 100 |
| 0020210500VR | M4 x 0.7 | 16.0 | 2.8 | 7.0 | 100 |
| 0020220500VR | M4 x 0.7 | 20.0 | 2.8 | 7.0 | 100 |
| 0020240500VR | M4 x 0.7 | 30.0 | 2.8 | 7.0 | 100 |
| 0020290500VR | M5 x 0.8 | 12.0 | 3.5 | 8.0 | 100 |
| 0020310500VR | M5 x 0.8 | 16.0 | 3.5 | 8.0 | 100 |
| 0020330500VR | M5 x 0.8 | 20.0 | 3.5 | 8.0 | 100 |
| 0020340500VR | M5 x 0.8 | 25.0 | 3.5 | 8.0 | 100 |
| 0020350500VR | M5 x 0.8 | 30.0 | 3.5 | 8.0 | 100 |
| 0020420500VR | M6 x 1.0 | 10.0 | 4.0 | 10.0 | 100 |
| 0020430500VR | M6 x 1.0 | 12.0 | 4.0 | 10.0 | 100 |
| 0020450500VR | M6 x 1.0 | 16.0 | 4.0 | 10.0 | 100 |
| 0020460500VR | M6 x 1.0 | 20.0 | 4.0 | 10.0 | 100 |
| 0020480500VR | M6 x 1.0 | 25.0 | 4.0 | 10.0 | 100 |
| 0020520500VR | M6 x 1.0 | 40.0 | 4.0 | 10.0 | 100 |

SR 1902

## Hexagonal Head Screws-PP

**Natural Polypropylene**

- Refer to standard ISO 4017, NF EN 24017, DIN 933 for guidance purposes only



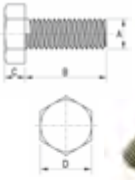



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | h | s | |
| 0020090300VR | M3 x 0.5 | 10.0 | 2.0 | 5.5 | 100 |
| 0020120300VR | M3 x 0.5 | 16.0 | 2.0 | 5.5 | 100 |
| 0020130300VR | M3 x 0.5 | 20.0 | 2.0 | 5.5 | 100 |
| 0020180300VR | M4 x 0.7 | 10.0 | 2.8 | 7.0 | 100 |
| 0020210300VR | M4 x 0.7 | 16.0 | 2.8 | 7.0 | 100 |
| 0020220300VR | M4 x 0.7 | 20.0 | 2.8 | 7.0 | 100 |
| 0020290300VR | M5 x 0.8 | 12.0 | 3.5 | 8.0 | 100 |
| 0020310300VR | M5 x 0.8 | 16.0 | 3.5 | 8.0 | 100 |
| 0020330300VR | M5 x 0.8 | 20.0 | 3.5 | 8.0 | 100 |
| 0020340300VR | M5 x 0.8 | 25.0 | 3.5 | 8.0 | 100 |
| 0020350300VR | M5 x 0.8 | 30.0 | 3.5 | 8.0 | 100 |
| 0020450300VR | M6 x 1.0 | 16.0 | 4.0 | 10.0 | 100 |
| 0020460300VR | M6 x 1.0 | 20.0 | 4.0 | 10.0 | 100 |
| 0020480300VR | M6 x 1.0 | 25.0 | 4.0 | 10.0 | 100 |
| 0020520300VR | M6 x 1.0 | 40.0 | 4.0 | 10.0 | 100 |
| 0020690300VR | M8 x 1.25 | 20.0 | 5.3 | 13.0 | 100 |
| 0020710300VR | M8 x 1.25 | 30.0 | 5.3 | 13.0 | 100 |
| 0020730300VR | M8 x 1.25 | 40.0 | 5.3 | 13.0 | 100 |
| 0020750300VR | M8 x 1.25 | 60.0 | 5.3 | 13.0 | 100 |
| 0020860300VR | M10 x 1.5 | 20.0 | 6.4 | 17.0 | 100 |
| 0020900300VR | M10 x 1.5 | 60.0 | 6.4 | 17.0 | 100 |
| 0021020300VR | M12 x 1.75 | 40.0 | 7.5 | 19.0 | 100 |
| 0021040300VR | M12 x 1.75 | 60.0 | 7.5 | 19.0 | 100 |

SR 1930

## PEEK® Hexagon Bolt

- Made from PEEK®
- Colour: Light Brown
- Continuous use temperature 180 ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0



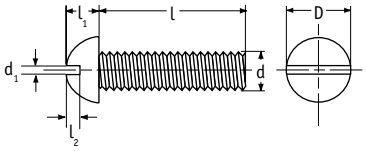



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 182051070409 | M5 | 10.0 | 3.5 | 8.0 | 10 |
| 182051270409 | M5 | 12.0 | 3.5 | 8.0 | 10 |
| 182051570409 | M5 | 15.0 | 3.5 | 8.0 | 10 |
| 182052070409 | M5 | 20.0 | 3.5 | 8.0 | 10 |
| 182052570409 | M5 | 25.0 | 3.5 | 8.0 | 10 |
| 182053070409 | M5 | 30.0 | 3.5 | 8.0 | 10 |
| 182061070409 | M6 | 10.0 | 4.0 | 10.0 | 10 |
| 182061270409 | M6 | 12.0 | 4.0 | 10.0 | 10 |
| 182061570409 | M6 | 15.0 | 4.0 | 10.0 | 10 |
| 182062070409 | M6 | 20.0 | 4.0 | 10.0 | 10 |
| 182062570409 | M6 | 25.0 | 4.0 | 10.0 | 10 |
| 182063070409 | M6 | 30.0 | 4.0 | 10.0 | 10 |
| 182063570409 | M6 | 35.0 | 4.0 | 10.0 | 10 |
| 182064070409 | M6 | 40.0 | 4.0 | 10.0 | 10 |
| 182064570409 | M6 | 45.0 | 4.0 | 10.0 | 10 |
| 182065070409 | M6 | 50.0 | 4.0 | 10.0 | 10 |
| 182081070409 | M8 | 10.0 | 5.5 | 13.0 | 1 |
| 182081570409 | M8 | 15.0 | 5.5 | 13.0 | 1 |
| 182082070409 | M8 | 20.0 | 5.5 | 13.0 | 1 |
| 182082570409 | M8 | 25.0 | 5.5 | 13.0 | 1 |
| 182083070409 | M8 | 30.0 | 5.5 | 13.0 | 1 |
| 182083570409 | M8 | 35.0 | 5.5 | 13.0 | 1 |
| 182084070409 | M8 | 40.0 | 5.5 | 13.0 | 1 |
| 182084570409 | M8 | 45.0 | 5.5 | 13.0 | 1 |
| 182085070409 | M8 | 50.0 | 5.5 | 13.0 | 1 |
| 182101570409 | M10 | 15.0 | 7.0 | 17.0 | 1 |
| 182102070409 | M10 | 20.0 | 7.0 | 17.0 | 1 |
| 182102570409 | M10 | 25.0 | 7.0 | 17.0 | 1 |
| 182103070409 | M10 | 30.0 | 7.0 | 17.0 | 1 |
| 182103570409 | M10 | 35.0 | 7.0 | 17.0 | 1 |
| 182104070409 | M10 | 40.0 | 7.0 | 17.0 | 1 |
| 182104570409 | M10 | 45.0 | 7.0 | 17.0 | 1 |
| 182105070409 | M10 | 50.0 | 7.0 | 17.0 | 1 |

SR 1973

## Slotted Round Head Screws

**Natural Nylon 6.6**






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $d_1$ | $l_2$ | |
| 0130060000VR | M3 x 0.5 | 4.0 | 5.5 | 2.7 | 0.8 | 0.9 | 1000 |
| 0130070000VR | M3 x 0.5 | 6.0 | 5.5 | 2.7 | 0.8 | 0.9 | 1000 |
| 0130090000VR | M3 x 0.5 | 10.0 | 5.5 | 2.7 | 0.8 | 0.9 | 1000 |
| 0130100000VR | M3 x 0.5 | 12.0 | 5.5 | 2.7 | 0.8 | 0.9 | 1000 |
| 0130120000VR | M3 x 0.5 | 16.0 | 5.5 | 2.7 | 0.8 | 0.9 | 1000 |
| 0130130000VR | M3 x 0.5 | 20.0 | 5.5 | 2.7 | 0.8 | 0.9 | 1000 |
| 0130140000VR | M3 x 0.5 | 25.0 | 5.5 | 2.7 | 0.8 | 0.9 | 1000 |
| 0130160000VR | M4 x 0.7 | 6.0 | 7.0 | 3.5 | 1.0 | 1.3 | 1000 |
| 0130170000VR | M4 x 0.7 | 8.0 | 7.0 | 3.5 | 1.0 | 1.3 | 1000 |
| 0130180000VR | M4 x 0.7 | 10.0 | 7.0 | 3.5 | 1.0 | 1.3 | 1000 |
| 0130190000VR | M4 x 0.7 | 12 | 7.0 | 3.5 | 1.0 | 1.3 | 1000 |
| 0130210000VR | M4 x 0.7 | 16.0 | 7.0 | 3.5 | 1.0 | 1.3 | 1000 |
| 0130220000VR | M4 x 0.7 | 20.0 | 7.0 | 3.5 | 1.0 | 1.3 | 1000 |
| 0130270000VR | M5 x 0.8 | 8.0 | 9.0 | 4.5 | 1.1 | 1.4 | 1000 |
| 0130280000VR | M5 x 0.8 | 10.0 | 9.0 | 4.5 | 1.1 | 1.4 | 1000 |
| 0130310000VR | M5 x 0.8 | 16.0 | 9.0 | 4.5 | 1.1 | 1.4 | 1000 |
| 0130330000VR | M5 x 0.8 | 20.0 | 9.0 | 4.5 | 1.1 | 1.4 | 1000 |
| 0130390000VR | M6 x 1.0 | 6.5 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |
| 0130410000VR | M6 x 1.0 | 8.0 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |
| 0130420000VR | M6 x 1.0 | 10.0 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |
| 0130450000VR | M6 x 1.0 | 16.0 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |
| 0130460000VR | M6 x 1.0 | 20.0 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |
| 0130470000VR | M6 x 1.0 | 22.0 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |
| 0130480000VR | M6 x 1.0 | 25.0 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |
| 0130500000VR | M6 x 1.0 | 30.0 | 10.0 | 5.0 | 1.6 | 1.6 | 1000 |

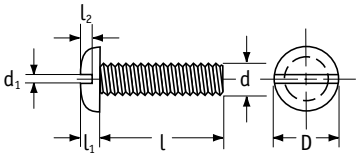
SR 1952

## Slotted Pan Head Screws

**Natural Nylon 6.6**

- Refer to standard ISO 1580, NF E 25-128, DIN 85 for guidance purposes only






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $d_1$ | $l_2$ | |
| 50M020040N006 | M2 x 0.4 | 6.0 | 3.8 | 1.3 | 0.6 | 0.6 | 1000 |
| 50M020040N012 | M2 x 0.4 | 12.0 | 3.8 | 1.3 | 0.6 | 0.6 | 1000 |
| 50M020040N020 | M2 x 0.4 | 20.0 | 3.8 | 1.3 | 0.6 | 0.6 | 1000 |
| 0120060000VR | M3 x 0.5 | 4.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0121100000VR | M3 x 0.5 | 5.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120070000VR | M3 x 0.5 | 6.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120080000VR | M3 x 0.5 | 8.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120090000VR | M3 x 0.5 | 10.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120100000VR | M3 x 0.5 | 12.0 | 6.0 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120120000VR | M3 x 0.5 | 16.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120130000VR | M3 x 0.5 | 20.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120140000VR | M3 x 0.5 | 25.0 | 5.9 | 1.8 | 0.8 | 0.7 | 1000 |
| 0120150000VR | M3 x 0.5 | 30.0 | 5.5 | 2.0 | 0.9 | 0.8 | 1000 |
| 50M030050N035 | M3 x 0.5 | 35.0 | 5.5 | 2.0 | 0.9 | 0.8 | 1000 |
| 0120160000VR | M4 x 0.7 | 6.0 | 8.0 | 2.4 | 1.2 | 1.0 | 1000 |
| 0120170000VR | M4 x 0.7 | 8.0 | 8.0 | 2.4 | 1.2 | 1.0 | 1000 |
| 0120180000VR | M4 x 0.7 | 10.0 | 8.0 | 2.4 | 1.2 | 1.0 | 1000 |
| 0120190000VR | M4 x 0.7 | 12.0 | 8.0 | 2.4 | 1.2 | 1.0 | 1000 |
| 0120210000VR | M4 x 0.7 | 16.0 | 8.0 | 2.4 | 1.2 | 1.0 | 1000 |
| 0120220000VR | M4 x 0.7 | 20.0 | 8.0 | 2.4 | 1.2 | 1.0 | 1000 |
| 0120250000VR | M4 x 0.7 | 40.0 | 8.0 | 2.4 | 1.2 | 1.0 | 1000 |
| 0120270000VR | M5 x 0.8 | 8.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |
| 0120280000VR | M5 x 0.8 | 10.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |
| 0120290000VR | M5 x 0.8 | 12.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |

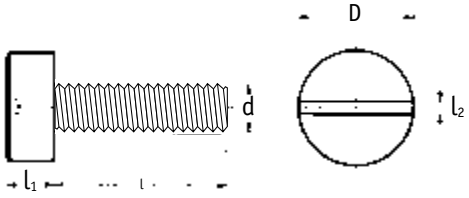
| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $d_1$ | $l_2$ | |
| 0120310000VR | M5 x 0.8 | 16.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |
| 0120330000VR | M5 x 0.8 | 20.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |
| 0120340000VR | M5 x 0.8 | 25.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |
| 0120350000VR | M5 x 0.8 | 30.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |
| 0120360000VR | M5 x 0.8 | 40.0 | 9.8 | 3.0 | 1.2 | 1.2 | 1000 |
| 0120390000VR | M6 x 1.0 | 6.5 | 12.0 | 3.6 | 1.6 | 1.4 | 1000 |
| 0120430000VR | M6 x 1.0 | 12.0 | 12.0 | 3.6 | 1.6 | 1.4 | 1000 |
| 0120450000VR | M6 x 1.0 | 16.0 | 12.0 | 3.6 | 1.6 | 1.4 | 1000 |
| 0120460000VR | M6 x 1.0 | 20.0 | 12.0 | 3.6 | 1.6 | 1.4 | 1000 |
| 0120480000VR | M6 x 1.0 | 25.0 | 12.0 | 3.6 | 1.6 | 1.4 | 1000 |
| 0120500000VR | M6 x 1.0 | 30.0 | 12.0 | 3.6 | 1.6 | 1.4 | 1000 |
| 0120520000VR | M6 x 1.0 | 40.0 | 12.0 | 3.6 | 1.6 | 1.4 | 1000 |
| 0120550000VR | M6 x 1.0 | 60.0 | 12.0 | 3.6 | 1.6 | 1.4 | 500 |
| 0120590000VR | M6 x 1.0 | 80.0 | 12.0 | 3.6 | 1.6 | 1.4 | 500 |
| 0120650000VR | M8 x 1.25 | 10.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0120680000VR | M8 x 1.25 | 16.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0120690000VR | M8 x 1.25 | 20.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0120700000VR | M8 x 1.25 | 25.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0120710000VR | M8 x 1.25 | 30.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0120720000VR | M8 x 1.25 | 35.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0120730000VR | M8 x 1.25 | 40.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0120750000VR | M8 x 1.25 | 60.0 | 16.0 | 4.8 | 2.0 | 1.9 | 500 |
| 0120760000VR | M8 x 1.25 | 80.0 | 16.0 | 4.8 | 2.0 | 1.9 | 1000 |
| 0121850000VR | M10 x 1.5 | 16.0 | 20.0 | 6.0 | 2.5 | 2.4 | 500 |
| 0120860000VR | M10 x 1.5 | 20.0 | 20.0 | 6.0 | 2.5 | 2.4 | 500 |
| 0120880000VR | M10 x 1.5 | 30.0 | 20.0 | 6.0 | 2.5 | 2.4 | 500 |
| 0120890000VR | M10 x 1.5 | 40.0 | 20.0 | 6.0 | 2.5 | 2.4 | 500 |

SR 1951

# Slotted Cheese Head Screws

**Natural Nylon 6.6**

• Refer to standard ISO 1207, NF E 25-127, DIN 84 for guidance purposes only






| Part Number | Dimension (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $l_2$ | Groove Depth | |
| 50M020040D004 | M2 x 0.4 | 4.0 | 3.8 | 1.3 | 0.5 | 0.8 | 1000 |
| 0010020000VR | M2 x 0.4 | 5.0 | 3.8 | 1.3 | 0.5 | 0.8 | 1000 |
| 0010030000VR | M2 x 0.4 | 6.0 | 3.8 | 1.3 | 0.5 | 0.8 | 1000 |
| 50M020040D008 | M2 x 0.4 | 8.0 | 3.8 | 1.3 | 0.5 | 0.8 | 1000 |
| 0011450000VR | M2 x 0.4 | 10.0 | 3.8 | 1.3 | 0.5 | 0.8 | 1000 |
| 50M020040D012 | M2 x 0.4 | 12.0 | 3.8 | 1.3 | 0.7 | 0.8 | 1000 |
| 50M020040D020 | M2 x 0.4 | 20.0 | 3.8 | 1.3 | 0.7 | 0.8 | 1000 |
| 50M020040D025 | M2 x 0.4 | 25.0 | 3.8 | 1.3 | 0.7 | 0.8 | 1000 |
| 0011350000VR | M2.5 x 0.45 | 6.0 | 4.5 | 1.6 | 0.6 | 0.9 | 1000 |
| 0011460000VR | M2.5 x 0.45 | 10.0 | 4.5 | 1.6 | 0.6 | 0.9 | 1000 |
| 0011310000VR | M2.5 x 0.45 | 16.0 | 4.5 | 1.6 | 0.6 | 0.9 | 1000 |
| 50M025045D020 | M2.5 x 0.45 | 20.0 | 4.5 | 1.6 | 0.8 | 0.9 | 1000 |
| 50M025045D025 | M2.5 x 0.45 | 25.0 | 4.5 | 1.6 | 0.8 | 0.9 | 1000 |
| 0010060000VR | M3 x 0.5 | 4.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0011390000VR | M3 x 0.5 | 5.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010070000VR | M3 x 0.5 | 6.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010080000VR | M3 x 0.5 | 8.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010090000VR | M3 x 0.5 | 10.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010100000VR | M3 x 0.5 | 12.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010120000VR | M3 x 0.5 | 16.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010130000VR | M3 x 0.5 | 20.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010140000VR | M3 x 0.5 | 25.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 0010150000VR | M3 x 0.5 | 30.0 | 5.5 | 2.0 | 0.8 | 1.0 | 1000 |
| 50M030050D035 | M3 x 0.5 | 35.0 | 6.0 | 2.4 | 1.0 | 1.0 | 1000 |
| 50M030050D042 | M3 x 0.5 | 42.0 | 6.0 | 2.4 | 1.0 | 1.0 | 1000 |
| 0010160000VR | M4 x 0.7 | 6.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010170000VR | M4 x 0.7 | 8.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010180000VR | M4 x 0.7 | 10.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010190000VR | M4 x 0.7 | 12.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010210000VR | M4 x 0.7 | 16.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010220000VR | M4 x 0.7 | 20.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010230000VR | M4 x 0.7 | 25.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010240000VR | M4 x 0.7 | 30.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010250000VR | M4 x 0.7 | 40.0 | 7.0 | 2.6 | 1.2 | 1.2 | 1000 |
| 0010260000VR | M5 x 0.8 | 6.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010270000VR | M5 x 0.8 | 8.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010280000VR | M5 x 0.8 | 10.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010290000VR | M5 x 0.8 | 12.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010310000VR | M5 x 0.8 | 16.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010330000VR | M5 x 0.8 | 20.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010340000VR | M5 x 0.8 | 25.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010350000VR | M5 x 0.8 | 30.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |

* For black slotted cheese head screws please see overleaf

| Part Number | Dimension (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $l_2$ | Groove Depth | |
| 0010360000VR | M5 x 0.8 | 40.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010370000VR | M5 x 0.8 | 50.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010380000VR* | M5 x 0.8 | 70.0 | 8.5 | 3.3 | 1.2 | 1.5 | 1000 |
| 0010410000VR | M6 x 1.0 | 8.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010420000VR | M6 x 1.0 | 10.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010430000VR | M6 x 1.0 | 12.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010450000VR | M6 x 1.0 | 16.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010460000VR | M6 x 1.0 | 20.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010470000VR | M6 x 1.0 | 22.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010480000VR | M6 x 1.0 | 25.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010500000VR | M6 x 1.0 | 30.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010520000VR | M6 x 1.0 | 40.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010530000VR | M6 x 1.0 | 50.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010550000VR | M6 x 1.0 | 60.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010570000VR | M6 x 1.0 | 80.0 | 10.0 | 3.9 | 1.6 | 1.9 | 1000 |
| 0010640000VR | M8 x 1.25 | 8.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010650000VR | M8 x 1.25 | 10.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010680000VR | M8 x 1.25 | 16.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010690000VR | M8 x 1.25 | 20.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010700000VR | M8 x 1.25 | 25.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010710000VR | M8 x 1.25 | 30.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010720000VR | M8 x 1.25 | 35.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010730000VR | M8 x 1.25 | 40.0 | 13.0 | 5.0 | 2.0 | 2.3 | 1000 |
| 0010740000VR | M8 x 1.25 | 50.0 | 13.0 | 5.0 | 2.0 | 2.3 | 500 |
| 0010750000VR | M8 x 1.25 | 60.0 | 13.0 | 5.0 | 2.0 | 2.3 | 500 |
| 0010770000VR | M8 x 1.25 | 80.0 | 13.0 | 5.0 | 2.0 | 2.3 | 100 |
| 0011850000VR | M10 x 1.5 | 16.0 | 16.0 | 6.0 | 2.5 | 2.5 | 500 |
| 0010880000VR | M10 x 1.5 | 30.0 | 16.0 | 6.0 | 2.5 | 2.5 | 500 |
| 0010890000VR | M10 x 1.5 | 40.0 | 16.0 | 6.0 | 2.5 | 2.5 | 500 |
| 0011860000VR | M16 x 2.0 | 40.0 | 23.0 | 9.5 | 4.5 | 5.5 | 500 |

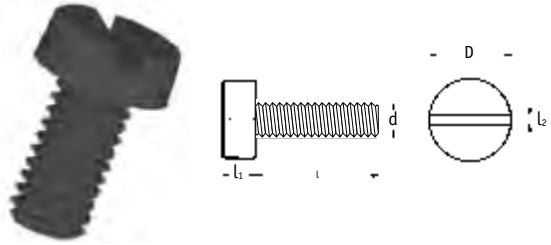
* Partially threaded

SR 1951

## Slotted Cheese Head Screws

**Black Nylon 6.6**

- Refer to standard ISO 1207, NF E 25-127, DIN 84 for guidance purposes only




| Part Number | Dimension (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $l_2$ | Groove Depth | |
| 0010070001VR | M3 x 0.5 | 6.0 | 5.5 | 2.0 | 0.8 | 1.0 | 100 |
| 0010090001VR | M3 x 0.5 | 10.0 | 5.5 | 2.0 | 0.8 | 1.0 | 100 |
| 0010180001VR | M4 x 0.7 | 10.0 | 7.0 | 2.6 | 1.2 | 1.2 | 100 |
| 0010240001VR | M4 x 0.7 | 30.0 | 7.0 | 2.6 | 1.2 | 1.2 | 100 |
| 0010330001VR | M5 x 0.8 | 20.0 | 8.5 | 3.3 | 1.2 | 1.5 | 100 |
| 0010360001VR | M5 x 0.8 | 40.0 | 8.5 | 3.3 | 1.2 | 1.5 | 100 |
| 0010410001VR | M6 x 1.0 | 8.0 | 10.0 | 3.9 | 1.6 | 1.9 | 100 |
| 0010450001VR | M6 x 1.0 | 16.0 | 10.0 | 3.9 | 1.6 | 1.9 | 100 |
| 0010460001VR | M6 x 1.0 | 20.0 | 10.0 | 3.9 | 1.6 | 1.9 | 100 |
| 0010690001VR | M8 x 1.25 | 20.0 | 13.0 | 5.0 | 2.0 | 2.3 | 100 |

SR 1904

## Slotted Cheese Head Screws-PP

**Natural Polypropylene**

- Refer to standard ISO 1207, NF E 25-127, DIN 84 for guidance purposes only



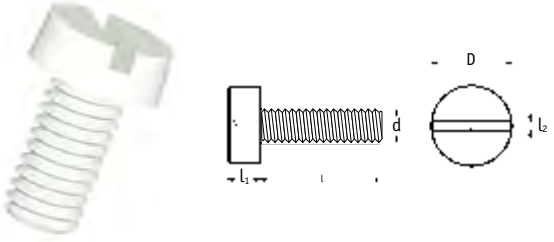

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d | l | D | l1 | l2 | |
| 0010090300VR | M3x0.5 | 10 | 5.5 | 2 | 0.8 | 100 |
| 0010120300VR | M3x0.5 | 16 | 5.5 | 2 | 0.8 | 100 |
| 0010130300VR | M3x0.5 | 20 | 5.5 | 2 | 0.8 | 100 |
| 0010160300VR | M4x0.7 | 6 | 7 | 2.6 | 1.2 | 100 |
| 0010180300VR | M4x0.7 | 10 | 7 | 2.6 | 1.2 | 100 |
| 0010210300VR | M4x0.7 | 16 | 7 | 2.6 | 1.2 | 100 |
| 0010220300VR | M4x0.7 | 20 | 7 | 2.6 | 1.2 | 100 |
| 0010240300VR | M4x0.7 | 30 | 7 | 2.6 | 1.2 | 100 |
| 0010280300VR | M5x0.8 | 10 | 8.5 | 3.3 | 1.2 | 100 |
| 0010310300VR | M5x0.8 | 16 | 8.5 | 3.3 | 1.2 | 100 |
| 0010330300VR | M5x0.8 | 20 | 8.5 | 3.3 | 1.2 | 100 |
| 0010340300VR | M5x0.8 | 25 | 8.5 | 3.3 | 1.2 | 100 |
| 0010350300VR | M5x0.8 | 30 | 8.5 | 3.3 | 1.2 | 100 |
| 0010360300VR | M5x0.8 | 40 | 8.5 | 3.3 | 1.2 | 100 |
| 0010410300VR | M6x1 | 8 | 10 | 3.9 | 1.6 | 100 |
| 0010420300VR | M6x1 | 10 | 10 | 3.9 | 1.6 | 100 |
| 0010450300VR | M6x1 | 16 | 10 | 3.9 | 1.6 | 100 |
| 0010460300VR | M6x1 | 20 | 10 | 3.9 | 1.6 | 100 |
| 0010480300VR | M6x1 | 25 | 10 | 3.9 | 1.6 | 100 |
| 0010500300VR | M6x1 | 30 | 10 | 3.9 | 1.6 | 100 |
| 0010650300VR | M8x1.25 | 10 | 13 | 5 | 2.0 | 100 |
| 0010680300VR | M8x1.25 | 16 | 13 | 5 | 2.0 | 100 |
| 0010690300VR | M8x1.25 | 20 | 13 | 5 | 2.0 | 100 |
| 0010710300VR | M8x1.25 | 35 | 13 | 5 | 2.0 | 100 |
| 0010730300VR | M8x1.25 | 40 | 13 | 5 | 2.0 | 100 |
| 0010860300VR | M10x1.5 | 20 | 16 | 6 | 2.5 | 100 |
| 0010890300VR | M10x1.5 | 40 | 16 | 6 | 2.5 | 100 |

SR 1903

## Slotted Cheese Head Screws-PVDF

**Natural PVDF**

- Refer to standard ISO 1207, NF E 25-127, DIN 84 for guidance purposes only




| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $l_2$ | |
| 0010090500VR | M3 x 0.5 | 10.0 | 5.5 | 2.0 | 0.8 | 100 |
| 0010120500VR | M3 x 0.5 | 16.0 | 5.5 | 2.0 | 0.8 | 100 |
| 0010130500VR | M3 x 0.5 | 20.0 | 5.5 | 2.0 | 0.8 | 100 |
| 0010180500VR | M4 x 0.7 | 10.0 | 7.0 | 2.6 | 1.2 | 100 |
| 0010210500VR | M4 x 0.7 | 16.0 | 7.0 | 2.6 | 1.2 | 100 |
| 0010220500VR | M4 x 0.7 | 20.0 | 7.0 | 2.6 | 1.2 | 100 |
| 0010240500VR | M4 x 0.7 | 30.0 | 7.0 | 2.6 | 1.2 | 100 |
| 0010280500VR | M5 x 0.8 | 10.0 | 8.5 | 3.3 | 1.2 | 100 |
| 0010310500VR | M5 x 0.8 | 16.0 | 8.5 | 3.3 | 1.2 | 100 |
| 0010330500VR | M5 x 0.8 | 20.0 | 8.5 | 3.3 | 1.2 | 100 |
| 0010340500VR | M5 x 0.8 | 25.0 | 8.5 | 3.3 | 1.2 | 100 |
| 0010350500VR | M5 x 0.8 | 30.0 | 8.5 | 3.3 | 1.2 | 100 |
| 0010360500VR | M5 x 0.8 | 40.0 | 8.5 | 3.3 | 1.2 | 100 |
| 0010410500VR | M6 x 1.0 | 8.0 | 10.0 | 3.9 | 1.6 | 100 |
| 0010420500VR | M6 x 1.0 | 10.0 | 10.0 | 3.9 | 1.6 | 100 |
| 0010450500VR | M6 x 1.0 | 16.0 | 10.0 | 3.9 | 1.6 | 100 |
| 0010460500VR | M6 x 1.0 | 20.0 | 10.0 | 3.9 | 1.6 | 100 |
| 0010480500VR | M6 x 1.0 | 25.0 | 10.0 | 3.9 | 1.6 | 100 |
| 0010500500VR | M6 x 1.0 | 30.0 | 10.0 | 3.9 | 1.6 | 100 |

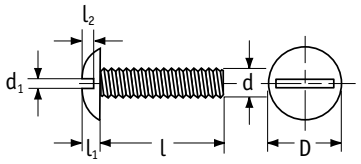
SR 1971

## Slotted Mushroom Head Screws

**Natural Nylon 6.6**

• Refer to standard NF E 25-129 for guidance purposes only






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $d_1$ | $l_2$ | |
| 0170170000VR | M4 x 0.7 | 8.0 | 9.0 | 2.2 | 1.2 | 1.0 | 1000 |
| 0170180000VR | M4 x 0.7 | 10.0 | 9.0 | 2.2 | 1.2 | 1.0 | 1000 |
| 0170190000VR | M4 x 0.7 | 12.0 | 9.0 | 2.2 | 1.2 | 1.0 | 1000 |
| 0170210000VR | M4 x 0.7 | 16.0 | 9.0 | 2.2 | 1.2 | 1.0 | 1000 |
| 0170220000VR | M4 x 0.7 | 20.0 | 9.0 | 2.2 | 1.2 | 1.0 | 1000 |
| 0170270000VR | M5 x 0.8 | 8.0 | 11.0 | 2.7 | 1.2 | 1.2 | 1000 |
| 0170280000VR | M5 x 0.8 | 10.0 | 11.0 | 2.7 | 1.2 | 1.2 | 1000 |
| 0170290000VR | M5 x 0.8 | 12.0 | 11.0 | 2.7 | 1.2 | 1.2 | 1000 |
| 0170310000VR | M5 x 0.8 | 16.0 | 11.0 | 2.7 | 1.2 | 1.2 | 1000 |
| 0170340000VR | M5 x 0.8 | 25.0 | 11.0 | 2.7 | 1.2 | 1.2 | 1000 |
| 0170390000VR | M6 x 1.0 | 6.5 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170410000VR | M6 x 1.0 | 8.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170420000VR | M6 x 1.0 | 10.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170430000VR | M6 x 1.0 | 12.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170450000VR | M6 x 1.0 | 16.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170460000VR | M6 x 1.0 | 20.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170470000VR | M6 x 1.0 | 22.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170480000VR | M6 x 1.0 | 25.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170500000VR | M6 x 1.0 | 30.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170520000VR | M6 x 1.0 | 40.0 | 14.0 | 3.3 | 1.6 | 1.5 | 1000 |
| 0170530000VR | M6 x 1.0 | 50.0 | 14.0 | 3.3 | 6.0 | 1.5 | 500 |
| 0170540000VR | M6 x 1.0 | 60.0 | 14.0 | 3.3 | 1.6 | 1.5 | 500 |
| 0170560000VR | M6 x 1.0 | 80.0 | 14.0 | 3.3 | 1.6 | 1.5 | 500 |
| 0170650000VR* | M8 x 1.25 | 10.0 | 20.0 | 4.4 | 2.0 | 2.0 | 1000 |
| 0170680000VR | M8 x 1.25 | 16.0 | 20.0 | 4.4 | 2.0 | 2.0 | 1000 |
| 0170690000VR | M8 x 1.25 | 20.0 | 20.0 | 4.4 | 2.0 | 2.0 | 1000 |
| 0170700000VR | M8 x 1.25 | 25.0 | 20.0 | 4.4 | 2.0 | 2.0 | 1000 |
| 0170710000VR | M8 x 1.25 | 30.0 | 20.0 | 4.4 | 2.0 | 2.0 | 1000 |
| 0170720000VR | M8 x 1.25 | 35.0 | 20.0 | 4.4 | 2.0 | 2.0 | 1000 |

* Cruciform slot head style

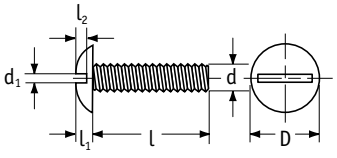
SR 1971

## Slotted Mushroom Head Screws

**Black Nylon 6.6**

• Refer to standard NF E 25-129 for guidance purposes only






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $d_1$ | $l_2$ | |
| 0170180001VR | M4 x 0.7 | 10.0 | 9.0 | 2.2 | 1.2 | 1.0 | 100 |
| 0170210001VR | M4 x 0.7 | 16.0 | 9.0 | 2.2 | 1.2 | 1.0 | 100 |
| 0170220001VR | M4 x 0.7 | 20.0 | 9.0 | 2.2 | 1.2 | 1.0 | 100 |
| 0170280001VR | M5 x 0.8 | 10.0 | 11.0 | 2.7 | 1.2 | 1.2 | 100 |
| 0170310001VR | M5 x 0.8 | 16.0 | 11.0 | 2.7 | 1.2 | 1.2 | 100 |
| 0170330001VR | M5 x 0.8 | 20.0 | 11.0 | 2.7 | 1.2 | 1.2 | 100 |
| 0170420001VR | M6 x 1.0 | 10.0 | 14.0 | 3.3 | 1.6 | 1.5 | 100 |
| 0170450001VR | M6 x 1.0 | 16.0 | 14.0 | 3.3 | 1.6 | 1.5 | 100 |
| 0170500001VR | M6 x 1.0 | 30.0 | 14.0 | 3.3 | 1.6 | 1.5 | 100 |
| 0170520001VR | M6 x 1.0 | 40.0 | 14.0 | 3.3 | 1.6 | 1.5 | 100 |
| 0170650001VR | M8 x 1.25 | 10.0 | 20.0 | 4.4 | 2.0 | 2.0 | 100 |
| 0170680001VR | M8 x 1.25 | 16.0 | 20.0 | 4.4 | 2.0 | 2.0 | 100 |
| 0170690001VR | M8 x 1.25 | 20.0 | 20.0 | 4.4 | 2.0 | 2.0 | 100 |
| 0170710001VR | M8 x 1.25 | 30.0 | 20.0 | 4.4 | 2.0 | 2.0 | 100 |

SR 1967

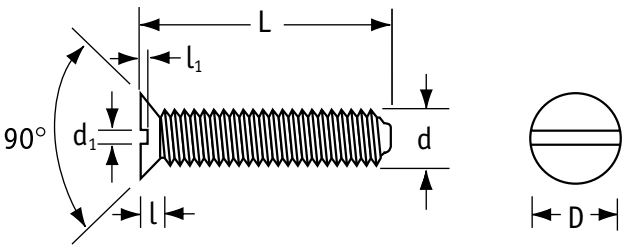
# Slotted Countersunk Screws

**Natural Nylon 6.6**

- Refer to standard ISO 2009, NF E 25-123, DIN 963 for guidance purposes only








| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Natural | Black | d | L | D | l | d1 | l1 | |
| 50M020040H005 | – | M2x0.4 | 5.0 | 4.0 | 1.2 | 0.6 | 0.5 | 1000 |
| 50M020040H010 | – | M2x0.4 | 10.0 | 4.0 | 1.2 | 0.6 | 0.5 | 1000 |
| 50M020040H012 | – | M2x0.4 | 12.0 | 4.0 | 1.2 | 0.6 | 0.5 | 1000 |
| 50M025045H006 | – | M2.5x0.45 | 6.0 | 4.7 | 1.5 | 0.7 | 0.6 | 1000 |
| 50M025045H008 | – | M2.5x0.45 | 8.0 | 4.7 | 1.5 | 0.7 | 0.6 | 1000 |
| 50M025045H010 | – | M2.5x0.45 | 10.0 | 4.7 | 1.5 | 0.7 | 0.6 | 1000 |
| 50M025045H016 | – | M2.5x0.45 | 16.0 | 4.7 | 1.5 | 0.7 | 0.6 | 1000 |
| 0100060000VR | – | M3x0.5 | 4.0 | 6.0 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100070000VR | – | M3x0.5 | 6.0 | 6.0 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100080000VR | 0100080001VR | M3x0.5 | 8.0 | 6.0 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100090000VR | 0100090001VR | M3x0.5 | 10.0 | 6.0 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100100000VR | 0100100001VR | M3x0.5 | 12.0 | 6.3 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100120000VR | 0100120001VR | M3x0.5 | 16.0 | 6.0 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100130000VR | 0100130001VR | M3x0.5 | 20.0 | 6.0 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100140000VR | – | M3x0.5 | 25.0 | 6.3 | 1.7 | 0.8 | 0.9 | 1000 |
| 0100160000VR | – | M4x0.7 | 6.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100170000VR | – | M4x0.7 | 8.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100180000VR | 0100180001VR | M4x0.7 | 10.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100190000VR | 0100190001VR | M4x0.7 | 12.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100210000VR | 0100210001VR | M4x0.7 | 16.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100900000VR | – | M4x0.7 | 18.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100220000VR | 0100220001VR | M4x0.7 | 20.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100230000VR | – | M4x0.7 | 25.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100240000VR | 0100240001VR | M4x0.7 | 30.0 | 7.8 | 2.7 | 1.2 | 1.3 | 1000 |
| 0100810000VR | – | M5x0.8 | 8.0 | 10.3 | 2.5 | 1.4 | 1.2 | 1000 |
| 0100280000VR* | 0100280001VR | M5x0.8 | 10.0 | 10.0 | 2.7 | 1.2 | 1.4 | 1000 |
| 0100290000VR | – | M5x0.8 | 12.0 | 9.0 | 2.7 | 1.2 | 1.4 | 1000 |
| 0100310000VR | 0100310001VR | M5x0.8 | 16.0 | 10.0 | 2.7 | 1.2 | 1.4 | 1000 |

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Natural | Black | d | L | D | l | d1 | l1 | |
| 0100320000VR | – | M5x0.8 | 18.0 | 10.4 | 2.7 | 1.2 | 1.4 | 1000 |
| 0100330000VR | 0100330001VR | M5x0.8 | 20.0 | 10.0 | 2.7 | 1.2 | 1.4 | 1000 |
| 0100340000VR | – | M5x0.8 | 25.0 | 10.0 | 2.7 | 1.2 | 1.4 | 1000 |
| 0100350000VR | 0100350001VR | M5x0.8 | 30.0 | 9.2 | 2.7 | 1.2 | 1.4 | 1000 |
| 0100360000VR | 0100360001VR | M5x0.8 | 40.0 | 9.2 | 2.7 | 1.2 | 1.4 | 1000 |
| 0100410000VR | – | M6x1 | 8.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100420000VR | 0100420001VR | M6x1 | 10.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100430000VR | 0100430001VR | M6x1 | 12.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100450000VR | 0100450001VR | M6x1 | 16.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100460000VR | 0100460001VR | M6x1 | 20.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100480000VR | – | M6x1 | 25.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100500000VR | 0100500001VR | M6x1 | 30.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100520000VR | 0100520001VR | M6x1 | 40.0 | 11.0 | 3.3 | 1.6 | 1.6 | 1000 |
| 0100530000VR | – | M6x1 | 50.0 | 11.0 | 3.3 | 1.6 | 1.6 | 500 |
| 0100540000VR | 0100540001VR | M6x1 | 60.0 | 11.0 | 3.3 | 1.6 | 1.6 | 500 |
| 0100680000VR | 0100680001VR | M8x1.25 | 16.0 | 14.5 | 4.7 | 2.0 | 2.3 | 1000 |
| 0100690000VR | 0100690001VR | M8x1.25 | 20.0 | 14.5 | 4.7 | 2.0 | 2.3 | 1000 |
| 0100700000VR | – | M8x1.25 | 25.0 | 14.5 | 4.7 | 2.0 | 2.3 | 1000 |
| 0100710000VR | 0100710001VR | M8x1.25 | 30.0 | 14.5 | 4.7 | 2.0 | 2.3 | 1000 |
| 0100730000VR | – | M8x1.25 | 40.0 | 14.5 | 4.7 | 2.0 | 2.3 | 1000 |
| 0100740000VR | 0100740001VR | M8x1.25 | 50.0 | 14.5 | 4.7 | 2.0 | 2.3 | 500 |
| 0100760000VR | – | M8x1.25 | 60.0 | 14.5 | 4.7 | 2.0 | 2.3 | 500 |
| 50M100150H020 | – | M10x1.5 | 20.0 | 18.0 | 5.0 | 2.6 | 2.3 | 500 |
| 50M100150H030 | – | M10x1.5 | 30.0 | 18.0 | 5.0 | 2.6 | 2.3 | 500 |
| 50M100150H035 | – | M10x1.5 | 35.0 | 18.0 | 5.0 | 2.6 | 2.3 | 500 |
| 0100770000VR | – | M10x1.5 | 40.0 | 17.5 | 5.0 | 2.6 | 2.3 | 500 |
| 0100860000VR | – | M10x1.5 | 60.0 | 18.0 | 5.0 | 2.6 | 2.3 | 250 |

* Item 0100280000VR does not conform to DIN standard 963

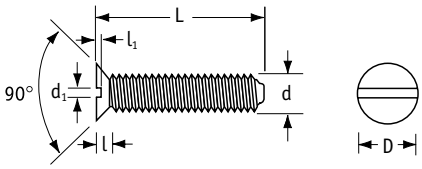
SR 1910

## Slotted Countersunk Screws-PP

**Natural Polypropylene**

- Refer to standard ISO 2009, NF E 25-123, DIN 963 for guidance purposes only






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | L | D | l | $d_1$ | $l_1$ | |
| 0100180300VR | M4 x 0.7 | 10.0 | 7.8 | 2.7 | 1.2 | 1.3 | 100 |
| 0100310300VR | M5 x 0.8 | 16.0 | 10.4 | 2.7 | 1.2 | 1.4 | 100 |
| 0100330300VR | M5 x 0.8 | 20.0 | 10.0 | 2.7 | 1.2 | 1.4 | 100 |
| 0100360300VR | M5 x 0.8 | 40.0 | 9.2 | 2.7 | 1.2 | 1.4 | 100 |
| 0100420300VR | M6 x 1.0 | 10.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100450300VR | M6 x 1.0 | 16.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100460300VR | M6 x 1.0 | 20.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100480300VR | M6 x 1.0 | 25.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100540300VR | M6 x 1.0 | 60.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100690300VR | M8 x 1.25 | 20.0 | 14.5 | 4.7 | 2.0 | 2.3 | 100 |
| 0100700300VR | M8 x 1.25 | 25.0 | 14.5 | 4.7 | 2.0 | 2.3 | 100 |
| 0100710300VR | M8 x 1.25 | 30.0 | 14.7 | 4.7 | 2.0 | 2.3 | 100 |
| 0100770300VR | M10 x 1.5 | 40.0 | 17.5 | 5.0 | 2.6 | 2.3 | 100 |

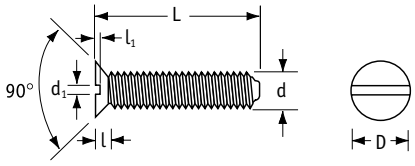
SR 1909

## Slotted Countersunk Screws-PVDF

**Natural PVDF**

- Refer to standard ISO 2009, NF E 25-123, DIN 963 for guidance purposes only






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | L | D | l | $d_1$ | $l_1$ | |
| 0100080500VR | M3 x 0.5 | 8.0 | 6.0 | 1.7 | 0.8 | 0.9 | 100 |
| 0100090500VR | M3 x 0.5 | 10.0 | 6.0 | 1.7 | 0.8 | 0.9 | 100 |
| 0100100500VR | M3 x 0.5 | 12.0 | 6.3 | 1.7 | 0.8 | 0.9 | 100 |
| 0100180500VR | M4 x 0.7 | 10.0 | 7.8 | 2.7 | 1.2 | 1.3 | 100 |
| 0100190500VR | M4 x 0.7 | 12.0 | 7.8 | 2.7 | 1.2 | 1.3 | 100 |
| 0100210500VR | M4 x 0.7 | 16.0 | 7.8 | 2.7 | 1.2 | 1.3 | 100 |
| 0100220500VR | M4 x 0.7 | 20.0 | 7.8 | 2.7 | 1.2 | 1.3 | 100 |
| 0100230500VR | M4 x 0.7 | 25.0 | 7.8 | 2.7 | 1.2 | 1.3 | 100 |
| 0100280500VR | M5 x 0.8 | 10.0 | 10.0 | 2.7 | 1.2 | 1.4 | 100 |
| 0100310500VR | M5 x 0.8 | 16.0 | 10.4 | 2.7 | 1.2 | 1.4 | 100 |
| 0100330500VR | M5 x 0.8 | 20.0 | 10.0 | 2.7 | 1.2 | 1.4 | 100 |
| 0100340500VR | M5 x 0.8 | 25.0 | 10.0 | 2.7 | 1.2 | 1.4 | 100 |
| 0100350500VR | M5 x 0.8 | 30.0 | 9.2 | 2.7 | 1.2 | 1.4 | 100 |
| 0100360500VR | M5 x 0.8 | 40.0 | 9.2 | 2.7 | 1.2 | 1.4 | 100 |
| 0100420500VR | M6 x 1.0 | 10.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100430500VR | M6 x 1.0 | 12.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100450500VR | M6 x 1.0 | 16.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100460500VR | M6 x 1.0 | 20.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100480500VR | M6 x 1.0 | 25.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100500500VR | M6 x 1.0 | 30.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100520500VR | M6 x 1.0 | 40.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |
| 0100540500VR | M6 x 1.0 | 60.0 | 11.0 | 3.3 | 1.6 | 1.6 | 100 |

P/M

## Slotted and Phillips Pan Head Screws

**Natural Nylon 6/6 RMS-01**



Fig 1

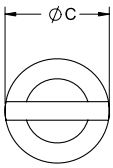
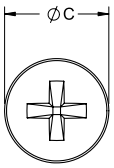
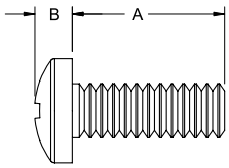



Fig 2



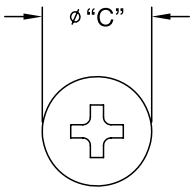

| Slotted, Pan (Fig. 1) | | | Slotted, Pan (Fig. 2) | | A | Std Pack Qty |
|---|---|---|---|---|---|---|
| Thread: #4-40 | Thread: #6-32 | Thread: #8-32 | Thread: #6-32 | Thread: #8-32 | | |
| "B" = 1.5 - 1.7<br>"C" = 5.3 | "B" = 1.8 - 2.1<br>"C" = 6.5 - 6.9 | "B" = 2.2 - 2.4<br>"C" = 7.8 - 8.2 | "B" = 2.3<br>"C" = 6.5 - 6.9 | "B" = 2.8<br>"C" = 7.8 - 8.2 | | |
| 010440P012 | 010632P012 | 010832P012 | 010632PW012 | 010832PW012 | 3.2 | 1000 |
| - | - | 010832P018 | 010632PW018 | 010832PW018 | 4.8 | 1000 |
| - | 010632P025 | 010832P025 | - | 010832PW025 | 6.4 | 1000 |
| - | - | 010832P031 | - | 010832PW031 | 7.9 | 1000 |
| 010440P037 | 010632P037 | 010832P037 | - | 010832PW037 | 9.5 | 1000 |
| 010440P043 | - | 010832P043 | 010632PW043 | 010832PW043 | 11.1 | 1000 |
| - | 010632P050 | 010832P050 | 010632PW050 | 010832PW050 | 12.7 | 1000 |
| 010440P062 | 010632P062 | 010832P062 | 010632PW062 | 010832PW062 | 15.9 | 1000 |
| 010440P075 | 010632P075 | 010832P075 | 010632PW075 | 010832PW075 | 19.1 | 1000 |
| 010440P017 | 010632P087 | 010832P087 | 010632PW087 | 010832PW087 | 22.2 | 1000 |
| - | 010632P100 | 010832P100 | 010632PW100 | 010832PW100 | 25.4 | 1000 |

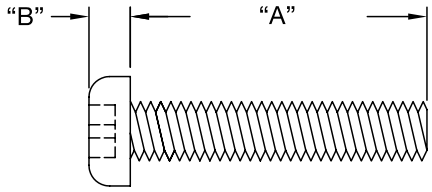
NMS

## Nylon Metric Screw

**Natural UL94 V2 Nylon 6/6 RMS-01**





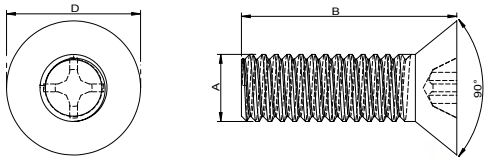

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | Thread | "C" | |
| NMS-306 | 6.4 | 2.5 | M3 | 5.7 | 1000 |
| NMS-310 | 10 | 2.5 | M3 | 5.7 | 1000 |
| 50M030050P008 | 8 | 2.2 | M3 | 5.3 - 5.6 | 1000 |
| 50M030050P012 | 12 | 2.2 | M3 | 5.3 - 5.6 | 1000 |

K-0058

## Reny Countersunk Crossed Screw

- 50% glass filled nylon
- High Strength & Modulus of Elasticity
- Good oil resistance
- Working temperature 105 degrees
- Available in natural and black






| Part Number | | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Natural | Black | A | B | D | |
| 1440011 | 1440044 | M2 | 6 | 4 | 100 |
| 1440012 | 1440045 | M2 | 8 | 4 | 100 |
| 1440013 | 1440046 | M2 | 10 | 4 | 100 |
| 1440014 | 1440047 | M2.6 | 4 | 5.2 | 100 |
| 1440015 | 1440048 | M2.6 | 6 | 5.2 | 100 |
| 1440016 | 1440049 | M2.6 | 8 | 5.2 | 100 |
| 1440017 | 1440050 | M2.6 | 10 | 5.2 | 100 |
| 1440018 | 1440051 | M3 | 5 | 6 | 100 |
| 1440019 | 1440052 | M3 | 6 | 6 | 100 |
| 1440020 | 1440053 | M3 | 8 | 6 | 100 |
| 1440021 | 1440054 | M3 | 10 | 6 | 100 |
| 1440022 | 1440055 | M3 | 12 | 6 | 100 |
| 1440023 | 1440056 | M3 | 15 | 6 | 100 |
| 1440024 | 1440057 | M3 | 20 | 6 | 100 |
| 1440025 | 1440058 | M3 | 25 | 6 | 100 |
| 1440026 | 1440059 | M4 | 6 | 8 | 100 |
| 1440027 | 1440060 | M4 | 8 | 8 | 100 |
| 1440028 | 1440061 | M4 | 10 | 8 | 100 |
| 1440029 | 1440062 | M4 | 12 | 8 | 100 |
| 1440030 | 1440063 | M4 | 15 | 8 | 100 |
| 1440031 | 1440064 | M4 | 20 | 8 | 100 |
| 1440032 | 1440065 | M4 | 25 | 8 | 100 |
| 1440033 | 1440066 | M5 | 10 | 10 | 100 |
| 1440034 | 1440067 | M5 | 12 | 10 | 100 |
| 1440035 | 1440068 | M5 | 15 | 10 | 50 |
| 1440036 | 1440069 | M5 | 20 | 10 | 50 |
| 1440037 | 1440070 | M5 | 25 | 10 | 50 |
| 1440038 | 1440071 | M6 | 10 | 12 | 50 |
| 1440039 | 1440072 | M6 | 12 | 12 | 50 |
| 1440040 | 1440073 | M6 | 15 | 12 | 50 |
| 1440041 | 1440074 | M6 | 20 | 12 | 25 |
| 1440042 | 1440075 | M6 | 25 | 12 | 25 |
| 1440043 | 1440076 | M6 | 30 | 12 | 25 |

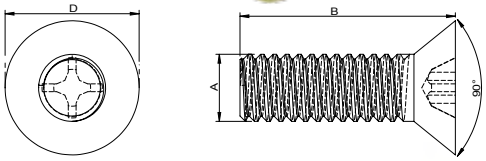
K-0060

## PPS Countersunk Crossed Screw

**Material: Polyphenylene Sulfide**

- Color: Light Brown
- Working temperature: 200 degrees
- Resistant to most chemicals
- Flame retardant grade: UL94V0






| Part Number | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | D | |
| 1440077 | M3 | 6 | 6 | 25 |
| 1440078 | M3 | 8 | 6 | 25 |
| 1440079 | M3 | 10 | 6 | 25 |
| 1440080 | M3 | 12 | 6 | 25 |
| 1440081 | M3 | 15 | 6 | 25 |
| 1440082 | M3 | 20 | 6 | 25 |
| 1440083 | M3 | 25 | 6 | 25 |
| 1440084 | M4 | 8 | 8 | 25 |
| 1440085 | M4 | 10 | 8 | 25 |
| 1440086 | M4 | 12 | 8 | 25 |
| 1440087 | M4 | 15 | 8 | 25 |
| 1440088 | M4 | 20 | 8 | 25 |
| 1440089 | M4 | 25 | 8 | 25 |
| 1440090 | M5 | 10 | 10 | 25 |
| 1440091 | M5 | 12 | 10 | 25 |
| 1440092 | M5 | 15 | 10 | 25 |
| 1440093 | M5 | 20 | 10 | 25 |
| 1440094 | M5 | 25 | 10 | 25 |
| 1440095 | M6 | 10 | 12 | 25 |
| 1440096 | M6 | 12 | 2 | 25 |
| 1440097 | M6 | 15 | 12 | 25 |
| 1440098 | M6 | 20 | 12 | 25 |
| 1440099 | M6 | 25 | 12 | 25 |
| 1440100 | M6 | 30 | 12 | 25 |

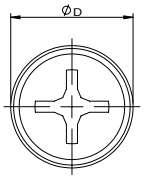
K-0061

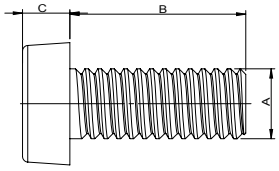
## PPS Pan Head Crossed Screw

**Material: Polyphenylene Sulfide**

- Colour : Light Brown
- Excellent Temperature resistance, continuous use up to 200 ºC
- Excellent resistance to chemicals
- Flame resistance: UL94 V0



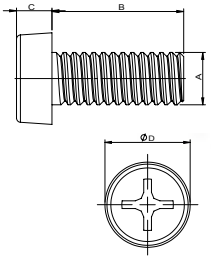



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 1440101 | M2 | 4 | 1.3 | 3.5 | 25 |
| 1440102 | M2 | 6 | 1.3 | 3.5 | 25 |
| 1440103 | M2 | 8 | 1.3 | 3.5 | 25 |
| 1440104 | M2 | 10 | 1.3 | 3.5 | 25 |
| 1440105 | M2 | 12 | 1.3 | 3.5 | 25 |
| 1440106 | M2.6 | 6 | 1.7 | 4.5 | 25 |
| 1440107 | M2.6 | 8 | 1.7 | 4.5 | 25 |
| 1440108 | M2.6 | 10 | 1.7 | 4.5 | 25 |
| 1440109 | M2.6 | 12 | 1.7 | 4.5 | 25 |
| 1440110 | M3 | 6 | 2.0 | 5.5 | 25 |
| 1440111 | M3 | 8 | 2.0 | 5.5 | 25 |
| 1440112 | M3 | 10 | 2.0 | 5.5 | 25 |
| 1440113 | M3 | 12 | 2.0 | 5.5 | 25 |
| 1440114 | M3 | 15 | 2.0 | 5.5 | 25 |
| 1440115 | M3 | 20 | 2.0 | 5.5 | 25 |
| 1440116 | M3 | 25 | 2.0 | 5.5 | 25 |
| 1440117 | M3 | 30 | 2.0 | 5.5 | 25 |
| 1440118 | M4 | 6 | 2.6 | 7.0 | 25 |
| 1440119 | M4 | 8 | 2.6 | 7.0 | 25 |
| 1440120 | M4 | 10 | 2.6 | 7.0 | 25 |
| 1440121 | M4 | 12 | 2.6 | 7.0 | 25 |
| 1440122 | M4 | 15 | 2.6 | 7.0 | 25 |
| 1440123 | M4 | 20 | 2.6 | 7.0 | 25 |
| 1440124 | M4 | 25 | 2.6 | 7.0 | 25 |
| 1440125 | M4 | 30 | 2.6 | 7.0 | 25 |
| 1440126 | M5 | 8 | 3.3 | 9.0 | 25 |
| 1440127 | M5 | 10 | 3.3 | 9.0 | 25 |
| 1440128 | M5 | 12 | 3.3 | 9.0 | 25 |
| 1440129 | M5 | 15 | 3.3 | 9.0 | 25 |
| 1440130 | M5 | 20 | 3.3 | 9.0 | 25 |
| 1440131 | M5 | 25 | 3.3 | 9.0 | 25 |
| 1440132 | M5 | 30 | 3.3 | 9.0 | 25 |
| 1440133 | M6 | 10 | 3.9 | 10.5 | 25 |
| 1440134 | M6 | 12 | 3.9 | 10.5 | 25 |
| 1440135 | M6 | 15 | 3.9 | 10.5 | 25 |
| 1440136 | M6 | 20 | 3.9 | 10.5 | 25 |
| 1440137 | M6 | 25 | 3.9 | 10.5 | 25 |
| 1440138 | M6 | 30 | 3.9 | 10.5 | 25 |

## Glass Filled Nylon Pan Head Crossed Screw

- Material is Reny : 50% Glass filled Polyamide
- High strength & elasticity coefficient
- Excellent oil resistance
- Continuous use of temperature 105ºC
- Available in Natural & Black





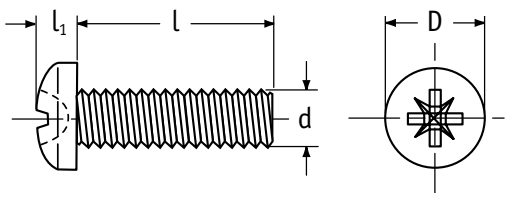

| Part Number | | Dimension (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Natural | Black | A | B | C | D | |
| 1440139 | 1440186 | M2 | 3 | 1.3 | 3.5 | 100 |
| 1440140 | 1440187 | M2 | 4 | 1.3 | 3.5 | 100 |
| 1440141 | 1440188 | M2 | 5 | 1.3 | 3.5 | 100 |
| 1440142 | 1440189 | M2 | 6 | 1.3 | 3.5 | 100 |
| 1440143 | 1440190 | M2 | 8 | 1.3 | 3.5 | 100 |
| 1440144 | 1440191 | M2 | 10 | 1.3 | 3.5 | 100 |
| 1440145 | 1440192 | M2 | 12 | 1.3 | 3.5 | 100 |
| 1440146 | 1440193 | M2.6 | 4 | 1.7 | 4.5 | 100 |
| 1440147 | 1440194 | M2.6 | 5 | 1.7 | 4.5 | 100 |
| 1440148 | 1440195 | M2.6 | 6 | 1.7 | 4.5 | 100 |
| 1440149 | 1440196 | M2.6 | 8 | 1.7 | 4.5 | 100 |
| 1440150 | 1440197 | M2.6 | 10 | 1.7 | 4.5 | 100 |
| 1440151 | 1440198 | M2.6 | 12 | 1.7 | 4.5 | 100 |
| 1440152 | 1440199 | M3 | 4 | 2.0 | 5.5 | 100 |
| 1440153 | 1440200 | M3 | 5 | 2.0 | 5.5 | 100 |
| 1440154 | 1440201 | M3 | 6 | 2.0 | 5.5 | 100 |
| 1440155 | 1440202 | M3 | 8 | 2.0 | 5.5 | 100 |
| 1440156 | 1440203 | M3 | 10 | 2.0 | 5.5 | 100 |
| 1440157 | 1440204 | M3 | 12 | 2.0 | 5.5 | 100 |
| 1440158 | 1440205 | M3 | 15 | 2.0 | 5.5 | 100 |
| 1440159 | 1440206 | M3 | 20 | 2.0 | 5.5 | 100 |
| 1440160 | 1440207 | M3 | 25 | 2.0 | 5.5 | 100 |
| 1440161 | 1440208 | M3 | 30 | 2.0 | 5.5 | 100 |
| 1440162 | 1440209 | M4 | 5 | 2.6 | 7.0 | 100 |
| 1440163 | 1440210 | M4 | 6 | 2.6 | 7.0 | 100 |
| 1440164 | 1440211 | M4 | 8 | 2.6 | 7.0 | 100 |
| 1440165 | 1440212 | M4 | 10 | 2.6 | 7.0 | 100 |
| 1440166 | 1440213 | M4 | 12 | 2.6 | 7.0 | 100 |
| 1440167 | 1440214 | M4 | 15 | 2.6 | 7.0 | 100 |
| 1440168 | 1440215 | M4 | 20 | 2.6 | 7.0 | 100 |
| 1440169 | 1440216 | M4 | 25 | 2.6 | 7.0 | 50 |
| 1440170 | 1440217 | M4 | 30 | 2.6 | 7.0 | 50 |
| 1440171 | 1440218 | M5 | 8 | 3.3 | 9.0 | 100 |
| 1440172 | 1440219 | M5 | 10 | 3.3 | 9.0 | 100 |
| 1440173 | 1440220 | M5 | 12 | 3.3 | 9.0 | 100 |
| 1440174 | 1440221 | M5 | 15 | 3.3 | 9.0 | 50 |
| 1440175 | 1440222 | M5 | 20 | 3.3 | 9.0 | 50 |
| 1440176 | 1440223 | M5 | 25 | 3.3 | 9.0 | 50 |
| 1440177 | 1440224 | M5 | 30 | 3.3 | 9.0 | 25 |
| 1440178 | 1440225 | M5 | 35 | 3.3 | 9.0 | 25 |
| 1440179 | 1440226 | M6 | 10 | 3.9 | 10.5 | 50 |
| 1440180 | 1440227 | M6 | 12 | 3.9 | 10.5 | 50 |
| 1440181 | 1440228 | M6 | 15 | 3.9 | 10.5 | 50 |
| 1440182 | 1440229 | M6 | 20 | 3.9 | 10.5 | 25 |
| 1440183 | 1440230 | M6 | 25 | 3.9 | 10.5 | 25 |
| 1440184 | 1440231 | M6 | 30 | 3.9 | 10.5 | 25 |
| 1440185 | 1440232 | M6 | 35 | 3.9 | 10.5 | 25 |

SR 1972

## Crossed Pan Head Screws

**Natural Nylon 6.6**

• Refer to standard N FE 25-121 for guidance purposes only





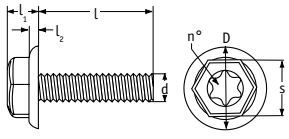

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | D | l1 | |
| 50M020040P004 | M2 x 0.4 | 4.0 | 3.8 | 1.3 | 1000 |
| 50M020040P005 | M2 x 0.4 | 5.0 | 3.8 | 1.3 | 1000 |
| 50M020040P008 | M2 x 0.4 | 8.0 | 3.8 | 1.3 | 1000 |
| 50M020040P025 | M2 x 0.4 | 25.0 | 3.8 | 1.3 | 1000 |
| 50M025045P004 | M2.5 x 0.45 | 4.0 | 4.7 - 5.0 | 1.9 - 2.1 | 1000 |
| 50M025045P006 | M2.5 x 0.45 | 6.0 | 4.7 - 5.0 | 1.9 - 2.1 | 1000 |
| 50M025045P008 | M2.5 x 0.45 | 8.0 | 4.7 - 5.0 | 1.9 - 2.1 | 1000 |
| 50M025045P012 | M2.5 x 0.45 | 12.0 | 4.7 - 5.0 | 1.9 - 2.1 | 1000 |
| 0080060000VR | M3 x 0.5 | 4.0 | 5.4 | 2.4 | 1000 |
| 0081200000VR | M3 x 0.5 | 5.0 | 5.4 | 2.4 | 1000 |
| 0080070000VR | M3 x 0.5 | 6.0 | 5.4 | 2.4 | 1000 |
| 0080080000VR | M3 x 0.5 | 8.0 | 5.4 | 2.4 | 1000 |
| 0080090000VR | M3 x 0.5 | 10.0 | 5.4 | 2.4 | 1000 |
| 0080100000VR | M3 x 0.5 | 12.0 | 5.4 | 2.4 | 1000 |
| 0080120000VR | M3 x 0.5 | 16.0 | 5.4 | 2.4 | 1000 |
| 0080130000VR | M3 x 0.5 | 20.0 | 5.4 | 2.4 | 1000 |
| 0080140000VR | M3 x 0.5 | 25.0 | 5.4 | 2.4 | 1000 |
| 0080150000VR | M3 x 0.5 | 30.0 | 5.4 | 2.4 | 1000 |
| 0080160000VR | M4 x 0.7 | 6.0 | 8.0 | 3.1 | 1000 |
| 0080170000VR | M4 x 0.7 | 8.0 | 8.0 | 3.1 | 1000 |
| 0080180000VR | M4 x 0.7 | 10.0 | 8.0 | 3.1 | 1000 |
| 0080190000VR | M4 x 0.7 | 12.0 | 8.0 | 3.1 | 1000 |
| 0080210000VR | M4 x 0.7 | 16.0 | 8.0 | 3.1 | 1000 |
| 0080220000VR | M4 x 0.7 | 20.0 | 8.0 | 3.1 | 1000 |
| 0080230000VR | M4 x 0.7 | 25.0 | 8.0 | 3.1 | 1000 |
| 0080240000VR | M4 x 0.7 | 30.0 | 8.0 | 3.1 | 1000 |
| 0080250000VR | M4 x 0.7 | 40.0 | 8.0 | 3.1 | 1000 |
| 0080270000VR | M5 x 0.8 | 8.0 | 9.1 | 3.7 | 1000 |
| 0080280000VR | M5 x 0.8 | 10.0 | 9.1 | 3.7 | 1000 |
| 0080290000VR | M5 x 0.8 | 12.0 | 9.1 | 3.7 | 1000 |

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | D | l1 | |
| 0080310000VR | M5 x 0.8 | 16.0 | 9.1 | 3.7 | 1000 |
| 0080330000VR | M5 x 0.8 | 20.0 | 9.1 | 3.7 | 1000 |
| 0080340000VR | M5 x 0.8 | 25.0 | 9.1 | 3.7 | 1000 |
| 0080360000VR | M5 x 0.8 | 40.0 | 9.1 | 3.7 | 1000 |
| 0080370000VR | M5 x 0.8 | 50.0 | 9.1 | 3.7 | 1000 |
| 0080390000VR | M6 x 1.0 | 6.5 | 11.5 | 4.6 | 1000 |
| 0080410000VR | M6 x 1.0 | 8.0 | 11.5 | 4.6 | 1000 |
| 0080420000VR | M6 x 1.0 | 10.0 | 11.5 | 4.6 | 1000 |
| 0080430000VR | M6 x 1.0 | 12.0 | 11.5 | 4.6 | 1000 |
| 0080450000VR | M6 x 1.0 | 16.0 | 11.5 | 4.6 | 1000 |
| 0080460000VR | M6 x 1.0 | 20.0 | 11.5 | 4.6 | 1000 |
| 0080480000VR | M6 x 1.0 | 25.0 | 11.5 | 4.6 | 1000 |
| 0080500000VR | M6 x 1.0 | 30.0 | 11.5 | 4.6 | 1000 |
| 0080520000VR | M6 x 1.0 | 40.0 | 11.5 | 4.6 | 1000 |
| 0080550000VR | M6 x 1.0 | 60.0 | 11.0 | 4.6 | 1000 |
| 0080650000VR | M8 x 1.25 | 10.0 | 16.0 | 6.0 | 1000 |
| 0080680000VR | M8 x 1.25 | 16.0 | 16.0 | 6.0 | 1000 |
| 0080720000VR | M8 x 1.25 | 35.0 | 16.0 | 6.0 | 1000 |
| 0080730000VR | M8 x 1.25 | 40.0 | 16.0 | 6.0 | 1000 |

SR 1975

## Flanged Hexagonal Screws with Internal Star Drive

**Natural Nylon 6.6**






| Part Number | Dimensions (mm) | | | | | | no. | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | d | l | l1 | l2 | D | s | | |
| 0070160000VR | M4 x 0.7 | 6.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070170000VR | M4 x 0.7 | 8.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070180000VR | M4 x 0.7 | 10.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070190000VR | M4 x 0.7 | 12.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070210000VR | M4 x 0.7 | 16.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0071820000VR | M4 x 0.7 | 18.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070220000VR | M4 x 0.7 | 20.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070260000VR | M5 x 0.8 | 6.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |

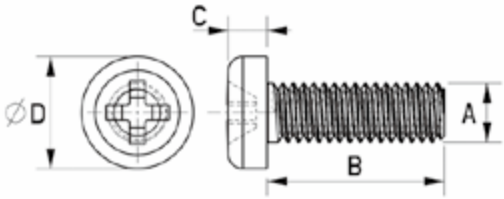
| Part Number | Dimensions (mm) | | | | | | no. | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | d | l | l1 | l2 | D | s | | |
| 0070280000VR | M5 x 0.8 | 10.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070290000VR | M5 x 0.8 | 12.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070310000VR | M5 x 0.8 | 16.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070330000VR | M5 x 0.8 | 20.0 | 5.8 | 2.0 | 11.5 | 8.0 | 20 | 1000 |
| 0070410000VR | M6 x 1.0 | 8.0 | 6.6 | 2.4 | 14.0 | 10.0 | 30 | 1000 |
| 0070420000VR | M6 x 1.0 | 10.0 | 6.6 | 2.4 | 14.0 | 10.0 | 30 | 1000 |
| 0070430000VR | M6 x 1.0 | 12.0 | 6.6 | 2.4 | 14.0 | 10.0 | 30 | 1000 |
| 0070450000VR | M6 x 1.0 | 16.0 | 6.6 | 2.4 | 14.0 | 10.0 | 30 | 1000 |
| 0070460000VR | M6 x 1.0 | 20.0 | 6.6 | 2.4 | 14.0 | 10.0 | 30 | 1000 |
| 0070480000VR | M6 x 1.0 | 25.0 | 6.6 | 2.4 | 14.0 | 10.0 | 30 | 1000 |
| 0070500000VR | M6 x 1.0 | 30.0 | 6.6 | 2.4 | 14.0 | 10.0 | 30 | 1000 |
| 0070680000VR | M8 x 1.25 | 16.0 | 8.1 | 2.7 | 18.0 | 13.0 | 40 | 1000 |
| 0070690000VR | M8 x 1.25 | 20.0 | 8.1 | 2.7 | 18.0 | 13.0 | 40 | 500 |
| 0070700000VR | M8 x 1.25 | 25.0 | 8.1 | 2.7 | 18.0 | 13.0 | 40 | 1000 |
| 0070710000VR | M8 x 1.25 | 30.0 | 8.1 | 2.7 | 18.0 | 13.0 | 40 | 1000 |
| 0071270000VR | M10 x 1.5 | 40.0 | 10.4 | 3.5 | 22.0 | 16.0 | 50 | 250 |
| 0070890000VR | M10 x 1.5 | 50.0 | 10.4 | 3.5 | 22.0 | 16.0 | 50 | 250 |
| 0070900000VR | M10 x 1.5 | 60.0 | 10.4 | 3.5 | 22.0 | 16.0 | 50 | 1000 |
| 0070910000VR | M10 x 1.5 | 70.0 | 10.4 | 3.5 | 22.0 | 16.0 | 50 | 250 |

SR 1931

## PEEK® Pan Head Screw

- Made from PEEK®
- Colour: Light brown
- Continuous use temperature 180 ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0





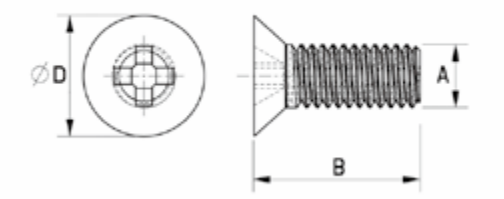

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 180030670409 | M3 | 6.0 | 2.0 | 5.5 | 25 |
| 180030870409 | M3 | 8.0 | 2.0 | 5.5 | 25 |
| 180031070409 | M3 | 10.0 | 2.0 | 5.5 | 25 |
| 180031270409 | M3 | 12.0 | 2.0 | 5.5 | 25 |
| 180040670409 | M4 | 6.0 | 2.6 | 7.0 | 25 |
| 180040870409 | M4 | 8.0 | 2.6 | 7.0 | 25 |
| 180041070409 | M4 | 10.0 | 2.6 | 7.0 | 25 |
| 180041270409 | M4 | 12.0 | 2.6 | 7.0 | 25 |
| 180041670409 | M4 | 16.0 | 2.6 | 7.0 | 25 |
| 180050870409 | M5 | 8.0 | 3.3 | 9.0 | 25 |
| 180051070409 | M5 | 10.0 | 3.3 | 9.0 | 25 |
| 180051270409 | M5 | 12.0 | 3.3 | 9.0 | 25 |
| 180051670409 | M5 | 16.0 | 3.3 | 9.0 | 25 |
| 180061070409 | M6 | 10.0 | 3.9 | 10.5 | 25 |
| 180061270409 | M6 | 12.0 | 3.9 | 10.5 | 25 |
| 180061670409 | M6 | 16.0 | 3.9 | 10.5 | 25 |
| 180062070409 | M6 | 20.0 | 3.9 | 10.5 | 25 |

SR 2011

## PEEK® Countersunk Screw

- Made from PEEK®
- Colour: Light brown
- Continuous use temperature 180 ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0





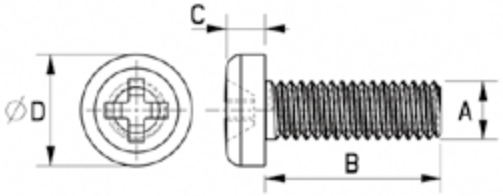

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | D | |
| 181030670409 | M3 | 6 | 6 | 25 |
| 181030870409 | M3 | 8 | 6 | 25 |
| 181031070409 | M3 | 10 | 6 | 25 |
| 181031270409 | M3 | 12 | 6 | 25 |
| 181040670409 | M4 | 6 | 8 | 25 |
| 181040870409 | M4 | 8 | 8 | 25 |
| 181041070409 | M4 | 10 | 8 | 25 |
| 181041270409 | M4 | 12 | 8 | 25 |
| 181041670409 | M4 | 16 | 8 | 25 |
| 181050870409 | M5 | 8 | 10 | 25 |
| 181051070409 | M5 | 10 | 10 | 25 |
| 181051270409 | M5 | 12 | 10 | 25 |
| 181051570409 | M5 | 15 | 10 | 25 |
| 181061070409 | M6 | 10 | 12 | 25 |
| 181061570409 | M6 | 15 | 12 | 25 |
| 181062070409 | M6 | 20 | 12 | 25 |

SR 1922

## Transparent Screws-Crossed Pan Head

**Polycarbonate**

- High transparency fastener
- Cross Head






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 170030400022 | M3 | 4.0 | 2.0 | 5.5 | 100 |
| 170030600022 | M3 | 6.4 | 2.5 | 5.7 | 100 |
| 170030800022 | M3 | 8.0 | 2.5 | 5.7 | 100 |
| 170031000022 | M3 | 10.0 | 2.5 | 5.7 | 100 |
| 170031500022 | M3 | 15.1 | 2.5 | 5.7 | 100 |
| 170040600022 | M4 | 6.3 | 2.7 | 7.4 | 100 |
| 170040800022 | M4 | 8.0 | 2.7 | 7.4 | 100 |
| 170041000022 | M4 | 10.2 | 2.7 | 7.4 | 100 |
| 170041200022 | M4 | 12.2 | 2.7 | 7.4 | 100 |
| 170041600022 | M4 | 16.2 | 2.7 | 7.4 | 100 |
| 170050600022 | M5 | 6.0 | 3.3 | 9.0 | 100 |
| 170050800022 | M5 | 8.0 | 3.3 | 9.0 | 100 |

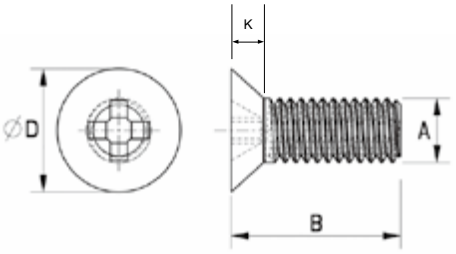
| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 170051000022 | M5 | 10.1 | 3.6 | 9.1 | 100 |
| 170051200022 | M5 | 12.1 | 3.5 | 9.1 | 100 |
| 170051600022 | M5 | 16.1 | 3.5 | 9.1 | 100 |
| 170061000022 | M6 | 10.0 | 3.9 | 10.5 | 100 |
| 170061200022 | M6 | 12.0 | 3.9 | 10.5 | 100 |
| 170061500022 | M6 | 15.0 | 3.9 | 10.5 | 100 |
| 170062000022 | M6 | 20.0 | 3.9 | 10.5 | 100 |
| 170081200022 | M8 | 12.0 | 5.2 | 14.0 | 100 |
| 170081500022 | M8 | 15.0 | 5.2 | 14.0 | 100 |
| 170082000022 | M8 | 20.0 | 5.2 | 14.0 | 100 |
| 170082500022 | M8 | 25.0 | 5.2 | 14.0 | 100 |

SR 1923

## Transparent Screw-Crossed Pan Head Countersunk

**Polycarbonate**

- Cross Head
- High transparency fastener





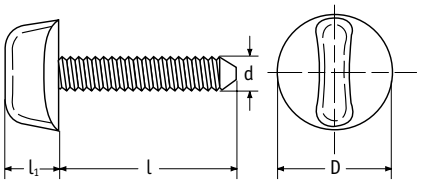

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | D | K | |
| 170030500022 | M3 | 4.5 | 5.4 | 1.7 | 100 |
| 170030700022 | M3 | 6.4 | 5.8 | 1.7 | 100 |
| 170030900022 | M3 | 9.0 | 5.2 | 1.7 | 100 |
| 170031100022 | M3 | 10.8 | 5.1 | 1.7 | 100 |
| 170301500022 | M3 | 15.0 | 6.0 | 1.7 | 100 |
| 170400800022 | M4 | 8.0 | 8.0 | 2.7 | 100 |
| 170400600022 | M4 | 5.8 | 7.4 | 2.7 | 100 |
| 170401200022 | M4 | 12.0 | 8.0 | 2.7 | 100 |
| 170401000022 | M4 | 9.8 | 7.4 | 2.7 | 100 |
| 170401500022 | M4 | 15.0 | 8.0 | 2.7 | 100 |
| 170500800022 | M5 | 8.2 | 9.1 | 2.7 | 100 |
| 170501000022 | M5 | 10.2 | 9.1 | 2.7 | 100 |
| 170501200022 | M5 | 12.2 | 9.1 | 2.7 | 100 |
| 170501500022 | M5 | 15.0 | 10.0 | 2.7 | 100 |
| 170601000022 | M6 | 10.0 | 12.0 | 3.3 | 100 |
| 170601200022 | M6 | 12.0 | 12.0 | 3.3 | 100 |
| 170601500022 | M6 | 15.0 | 12.0 | 3.3 | 100 |
| 170602000022 | M6 | 20.0 | 12.0 | 3.3 | 100 |
| 170801000022 | M8 | 10.0 | 16.0 | 4.7 | 100 |
| 170801500022 | M8 | 15.0 | 16.0 | 4.7 | 100 |
| 170802000022 | M8 | 20.0 | 16.0 | 4.7 | 100 |
| 170802500022 | M8 | 25.0 | 16.0 | 4.7 | 100 |

SR 1979

## Wing Screws with Washer

**Natural Nylon 6.6**





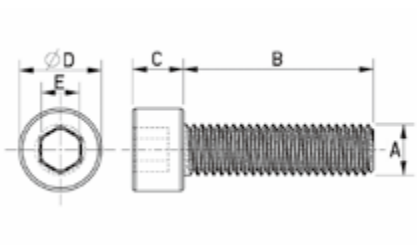

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | l | D | $l_1$ | |
| 0270460000VR | M4 x 0.7 | 8.0 | 16.0 | 10.0 | 1000 |
| 0270470000VR | M4 x 0.7 | 10.0 | 16.0 | 10.0 | 1000 |
| 0270480000VR | M4 x 0.7 | 12.0 | 16.0 | 10.0 | 1000 |
| 0270490000VR | M4 x 0.7 | 15.0 | 16.0 | 10.0 | 1000 |
| 0270520000VR | M4 x 0.7 | 20.0 | 16.0 | 10.0 | 1000 |
| 0270550000VR | M4 x 0.7 | 30.0 | 16.0 | 10.0 | 1000 |
| 0270570000VR | M5 x 0.8 | 6.0 | 16.0 | 10.0 | 1000 |
| 0270210000VR | M5 x 0.8 | 10.0 | 16.0 | 10.0 | 1000 |
| 0270590000VR | M5 x 0.8 | 15.0 | 16.0 | 10.0 | 1000 |
| 0270230000VR | M5 x 0.8 | 20.0 | 16.0 | 10.0 | 1000 |
| 0270240000VR | M5 x 0.8 | 25.0 | 16.0 | 10.0 | 1000 |
| 0270250000VR | M5 x 0.8 | 30.0 | 16.0 | 10.0 | 1000 |
| 0270260000VR | M5 x 0.8 | 40.0 | 16.0 | 10.0 | 1000 |
| 0270610000VR | M6 x 1.0 | 8.0 | 25.0 | 12.0 | 1000 |
| 0270010000VR | M6 x 1.0 | 10.0 | 25.0 | 12.0 | 1000 |
| 0270020000VR | M6 x 1.0 | 12.0 | 25.0 | 12.0 | 1000 |
| 0270620000VR | M6 x 1.0 | 15.0 | 25.0 | 12.0 | 1000 |
| 0270040000VR | M6 x 1.0 | 20.0 | 25.0 | 12.0 | 1000 |
| 0270060000VR | M6 x 1.0 | 25.0 | 25.0 | 12.0 | 1000 |
| 0270070000VR | M6 x 1.0 | 30.0 | 25.0 | 12.0 | 1000 |
| 0270630000VR | M6 x 1.0 | 40.0 | 25.0 | 12.0 | 1000 |
| 0270650000VR | M6 x 1.0 | 50.0 | 25.0 | 12.0 | 1000 |
| 0270660000VR | M6 x 1.0 | 60.0 | 25.0 | 12.0 | 500 |
| 0270200000VR | M8 x 1.25 | 8.0 | 25.0 | 12.0 | 1000 |
| 0270080000VR | M8 x 1.25 | 10.0 | 25.0 | 12.0 | 1000 |
| 0270090000VR | M8 x 1.25 | 16.0 | 25.0 | 12.0 | 1000 |
| 0270100000VR | M8 x 1.25 | 20.0 | 25.0 | 12.0 | 1000 |
| 0270110000VR | M8 x 1.25 | 25.0 | 25.0 | 12.0 | 1000 |
| 0270120000VR | M8 x 1.25 | 30.0 | 25.0 | 12.0 | 1000 |
| 0270130000VR | M8 x 1.25 | 35.0 | 25.0 | 12.0 | 1000 |
| 0270280000VR | M8 x 1.25 | 50.0 | 25.0 | 12.0 | 500 |
| 0270270000VR | M10 x 1.5 | 16.0 | 25.0 | 12.0 | 500 |
| 0270170000VR | M10 x 1.5 | 30.0 | 25.0 | 12.0 | 250 |
| 0270320000VR | M10 x 1.5 | 40.0 | 25.0 | 12.0 | 500 |
| 0270340000VR | M10 x 1.5 | 60.0 | 25.0 | 12.0 | 250 |

SR 2012

## PEEK® Socket Head Screw

- Made from PEEK®
- Colour: Light Brown
- Continuous temperature use 180ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0

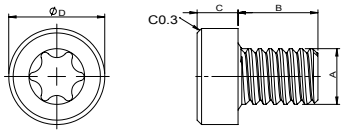





| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 183030870409 | M3 | 8.0 | 3.0 | 5.5 | 2.5 | 25 |
| 183031070409 | M3 | 10.0 | 3.0 | 5.5 | 2.5 | 25 |
| 183031270409 | M3 | 12.0 | 3.0 | 5.5 | 2.5 | 25 |
| 183031570409 | M3 | 15.0 | 3.0 | 5.5 | 2.5 | 25 |
| 183040870409 | M4 | 8.0 | 4.0 | 7.0 | 3.0 | 10 |
| 183041070409 | M4 | 10.0 | 4.0 | 7.0 | 3.0 | 10 |
| 183041270409 | M4 | 12.0 | 4.0 | 7.0 | 3.0 | 10 |
| 183041570409 | M4 | 15.0 | 4.0 | 7.0 | 3.0 | 10 |
| 183050870409 | M5 | 8.0 | 5.0 | 8.5 | 4.0 | 10 |
| 183051070409 | M5 | 10.0 | 5.0 | 8.5 | 4.0 | 10 |
| 183051570409 | M5 | 15.0 | 5.0 | 8.5 | 4.0 | 10 |
| 183061070409 | M6 | 10.0 | 6.0 | 10.0 | 5.0 | 10 |
| 183061570409 | M6 | 15.0 | 6.0 | 10.0 | 5.0 | 10 |
| 183062070409 | M6 | 20.0 | 6.0 | 10.0 | 5.0 | 10 |
| 183081070409 | M8 | 10.0 | 8.0 | 13.0 | 6.0 | 1 |
| 183081570409 | M8 | 15.0 | 8.0 | 13.0 | 6.0 | 1 |
| 183082070409 | M8 | 20.0 | 8.0 | 13.0 | 6.0 | 1 |
| 183082570409 | M8 | 25.0 | 8.0 | 13.0 | 6.0 | 1 |

## PPS Low Head Hexalobular Screw

- Colour : Light Brown
- Excellent Temperature resistance, continuous use up to 200 ºC
- Excellent resistance to chemicals
- Flame resistance: UL94 V0



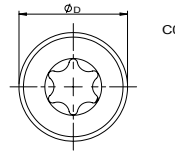

E = Hexalobular Number



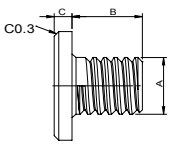
| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 1440233 | M3 | 6 | 2.4 | 5.5 | 10 | 25 |
| 1440234 | M3 | 8 | 2.4 | 5.5 | 10 | 25 |
| 1440235 | M3 | 10 | 2.4 | 5.5 | 10 | 25 |
| 1440236 | M3 | 12 | 2.4 | 5.5 | 10 | 25 |
| 1440237 | M3 | 16 | 2.4 | 5.5 | 10 | 25 |
| 1440238 | M3 | 20 | 2.4 | 5.5 | 10 | 25 |
| 1440239 | M4 | 6 | 3.1 | 7.0 | 20 | 25 |
| 1440240 | M4 | 8 | 3.1 | 7.0 | 20 | 25 |
| 1440241 | M4 | 10 | 3.1 | 7.0 | 20 | 25 |
| 1440242 | M4 | 12 | 3.1 | 7.0 | 20 | 25 |
| 1440243 | M4 | 16 | 3.1 | 7.0 | 20 | 25 |
| 1440244 | M4 | 20 | 3.1 | 7.0 | 20 | 25 |
| 1440245 | M4 | 25 | 3.1 | 7.0 | 20 | 25 |
| 1440246 | M5 | 8 | 3.65 | 8.5 | 25 | 25 |
| 1440247 | M5 | 10 | 3.65 | 8.5 | 25 | 25 |
| 1440248 | M5 | 12 | 3.65 | 8.5 | 25 | 25 |
| 1440249 | M5 | 16 | 3.65 | 8.5 | 25 | 25 |
| 1440250 | M5 | 20 | 3.65 | 8.5 | 25 | 10 |
| 1440251 | M5 | 25 | 3.65 | 8.5 | 25 | 10 |
| 1440252 | M5 | 30 | 3.65 | 8.5 | 25 | 10 |
| 1440253 | M6 | 10 | 4.4 | 10.0 | 30 | 10 |
| 1440254 | M6 | 12 | 4.4 | 10.0 | 30 | 10 |
| 1440255 | M6 | 16 | 4.4 | 10.0 | 30 | 10 |
| 1440256 | M6 | 20 | 4.4 | 10.0 | 30 | 10 |
| 1440257 | M6 | 25 | 4.4 | 10.0 | 30 | 10 |
| 1440258 | M6 | 30 | 4.4 | 10.0 | 30 | 10 |
| 1440259 | M6 | 40 | 4.4 | 10.0 | 30 | 10 |

## PPS Special Low Head Hexalobular Screw

- Colour : Light Brown
- Excellent Temperature resistance, continuous use up to 200 ºC
- Excellent resistance to chemicals
- Flame resistance: UL94 V0




E = Hexalobular Number

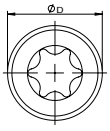




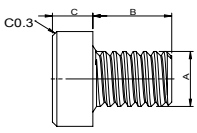

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 1440260 | M3 | 6 | 1.3 | 6 | 8 | 25 |
| 1440261 | M3 | 8 | 1.3 | 6 | 8 | 25 |
| 1440262 | M3 | 10 | 1.3 | 6 | 8 | 25 |
| 1440263 | M3 | 12 | 1.3 | 6 | 8 | 25 |
| 1440264 | M3 | 16 | 1.3 | 6 | 8 | 25 |
| 1440265 | M3 | 20 | 1.3 | 6 | 8 | 25 |
| 1440266 | M4 | 6 | 1.5 | 8 | 10 | 25 |
| 1440267 | M4 | 8 | 1.5 | 8 | 10 | 25 |
| 1440268 | M4 | 10 | 1.5 | 8 | 10 | 25 |
| 1440269 | M4 | 12 | 1.5 | 8 | 10 | 25 |
| 1440270 | M4 | 16 | 1.5 | 8 | 10 | 25 |
| 1440271 | M4 | 20 | 1.5 | 8 | 10 | 25 |
| 1440272 | M4 | 25 | 1.5 | 8 | 10 | 25 |
| 1440273 | M5 | 8 | 1.5 | 9 | 15 | 25 |
| 1440274 | M5 | 10 | 1.5 | 9 | 15 | 25 |
| 1440275 | M5 | 12 | 1.5 | 9 | 15 | 25 |
| 1440276 | M5 | 16 | 1.5 | 9 | 15 | 25 |
| 1440277 | M5 | 20 | 1.5 | 9 | 15 | 10 |
| 1440278 | M5 | 25 | 1.5 | 9 | 15 | 10 |
| 1440279 | M5 | 30 | 1.5 | 9 | 15 | 10 |
| 1440280 | M6 | 10 | 1.5 | 10 | 20 | 10 |
| 1440281 | M6 | 12 | 1.5 | 10 | 20 | 10 |
| 1440282 | M6 | 16 | 1.5 | 10 | 20 | 10 |
| 1440283 | M6 | 20 | 1.5 | 10 | 20 | 10 |
| 1440284 | M6 | 25 | 1.5 | 10 | 20 | 10 |
| 1440285 | M6 | 30 | 1.5 | 10 | 20 | 10 |
| 1440286 | M6 | 40 | 1.5 | 10 | 20 | 10 |

## Reny Low Head Hexalobular Screw

- Material is Reny : 50% Glass filled Polyamide
- High strengh & elasticity coefficient
- Excellent oil resistance
- Continuous use of temperature 105 ºC




E = Hexalobular Number

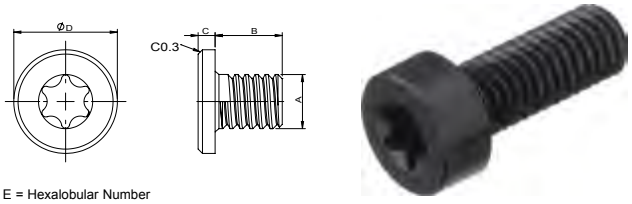





| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Natural | Black | A | B | C | D | E | |
| 1440287 | 1440726 | M3 | 6 | 2.4 | 5.5 | 10 | 50 |
| 1440288 | 1440727 | M3 | 8 | 2.4 | 5.5 | 10 | 50 |
| 1440289 | 1440728 | M3 | 10 | 2.4 | 5.5 | 10 | 50 |
| 1440290 | 1440729 | M3 | 12 | 2.4 | 5.5 | 10 | 50 |
| 1440291 | 1440730 | M3 | 16 | 2.4 | 5.5 | 10 | 50 |
| 1440292 | 1440731 | M3 | 20 | 2.4 | 5.5 | 10 | 50 |
| 1440293 | 1440732 | M4 | 6 | 3.1 | 7.0 | 20 | 50 |
| 1440294 | 1440733 | M4 | 8 | 3.1 | 7.0 | 20 | 50 |
| 1440295 | 1440734 | M4 | 10 | 3.1 | 7.0 | 20 | 50 |
| 1440296 | 1440735 | M4 | 12 | 3.1 | 7.0 | 20 | 50 |
| 1440297 | 1440736 | M4 | 16 | 3.1 | 7.0 | 20 | 50 |
| 1440298 | 1440737 | M4 | 20 | 3.1 | 7.0 | 20 | 25 |
| 1440299 | 1440738 | M4 | 25 | 3.1 | 7.0 | 20 | 25 |
| 1440300 | 1440739 | M5 | 8 | 3.65 | 8.5 | 25 | 25 |
| 1440301 | 1440740 | M5 | 10 | 3.65 | 8.5 | 25 | 25 |
| 1440302 | 1440741 | M5 | 12 | 3.65 | 8.5 | 25 | 25 |
| 1440303 | 1440742 | M5 | 16 | 3.65 | 8.5 | 25 | 25 |
| 1440304 | 1440743 | M5 | 20 | 3.65 | 8.5 | 25 | 25 |
| 1440305 | 1440744 | M5 | 25 | 3.65 | 8.5 | 25 | 25 |
| 1440306 | 1440745 | M5 | 30 | 3.65 | 8.5 | 25 | 10 |
| 1440307 | 1440746 | M6 | 10 | 4.4 | 10.0 | 30 | 25 |
| 1440308 | 1440747 | M6 | 12 | 4.4 | 10.0 | 30 | 25 |
| 1440309 | 1440748 | M6 | 16 | 4.4 | 10.0 | 30 | 25 |
| 1440310 | 1440749 | M6 | 20 | 4.4 | 10.0 | 30 | 25 |
| 1440311 | 1440750 | M6 | 25 | 4.4 | 10.0 | 30 | 25 |
| 1440312 | 1440751 | M6 | 30 | 4.4 | 10.0 | 30 | 25 |
| 1440313 | 1440752 | M6 | 40 | 4.4 | 10.0 | 30 | 10 |

## Reny Special Low Head Hexalobular Screw

- Material is Reny: 50% Glass filled Polyamide
- High strengh & elasticity coefficient
- Excellent oil resistance
- Continuous use of temperature 105 ºC

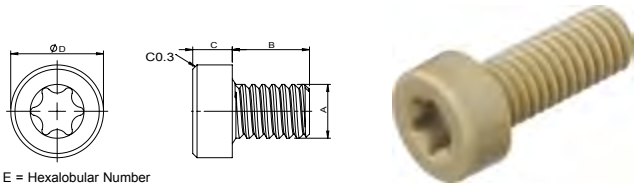



E = Hexalobular Number

| Part Number | | Dimension (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Natural | Black | A | B | C | D | E | |
| 1440314 | 1440753 | M3 | 6 | 1.3 | 6 | 8 | 50 |
| 1440315 | 1440754 | M3 | 8 | 1.3 | 6 | 8 | 50 |
| 1440316 | 1440755 | M3 | 10 | 1.3 | 6 | 8 | 50 |
| 1440317 | 1440756 | M3 | 12 | 1.3 | 6 | 8 | 50 |
| 1440318 | 1440757 | M3 | 16 | 1.3 | 6 | 8 | 50 |
| 1440319 | 1440758 | M3 | 20 | 1.3 | 6 | 8 | 50 |
| 1440320 | 1440759 | M4 | 6 | 1.5 | 8 | 10 | 50 |
| 1440321 | 1440760 | M4 | 8 | 1.5 | 8 | 10 | 50 |
| 1440322 | 1440761 | M4 | 10 | 1.5 | 8 | 10 | 50 |
| 1440323 | 1440762 | M4 | 12 | 1.5 | 8 | 10 | 50 |
| 1440324 | 1440763 | M4 | 16 | 1.5 | 8 | 10 | 50 |
| 1440325 | 1440764 | M4 | 20 | 1.5 | 8 | 10 | 25 |
| 1440326 | 1440765 | M4 | 25 | 1.5 | 8 | 10 | 25 |
| 1440327 | 1440766 | M5 | 8 | 1.5 | 9 | 15 | 25 |
| 1440328 | 1440767 | M5 | 10 | 1.5 | 9 | 15 | 25 |
| 1440329 | 1440768 | M5 | 12 | 1.5 | 9 | 15 | 25 |
| 1440330 | 1440769 | M5 | 16 | 1.5 | 9 | 15 | 25 |
| 1440331 | 1440770 | M5 | 20 | 1.5 | 9 | 15 | 25 |
| 1440332 | 1440771 | M5 | 25 | 1.5 | 9 | 15 | 25 |
| 1440333 | 1440772 | M5 | 30 | 1.5 | 9 | 15 | 10 |
| 1440334 | 1440773 | M6 | 10 | 1.5 | 10 | 20 | 25 |
| 1440335 | 1440774 | M6 | 12 | 1.5 | 10 | 20 | 25 |
| 1440336 | 1440775 | M6 | 16 | 1.5 | 10 | 20 | 25 |
| 1440337 | 1440776 | M6 | 20 | 1.5 | 10 | 20 | 25 |
| 1440338 | 1440777 | M6 | 25 | 1.5 | 10 | 20 | 25 |
| 1440339 | 1440778 | M6 | 30 | 1.5 | 10 | 20 | 25 |
| 1440340 | 1440779 | M6 | 40 | 1.5 | 10 | 20 | 10 |

## PEEK Low Head Hexalobular Screw

- Made from PEEK®
- Colour : Light Brown
- Continuous use temperature 180ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0

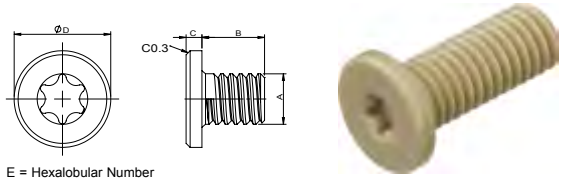



E = Hexalobular Number

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 1440341 | M3 | 6 | 2.4 | 5.5 | 10 | 25 |
| 1440342 | M3 | 8 | 2.4 | 5.5 | 10 | 25 |
| 1440343 | M3 | 10 | 2.4 | 5.5 | 10 | 25 |
| 1440344 | M3 | 12 | 2.4 | 5.5 | 10 | 25 |
| 1440345 | M3 | 16 | 2.4 | 5.5 | 10 | 25 |
| 1440346 | M3 | 20 | 2.4 | 5.5 | 10 | 25 |
| 1440347 | M4 | 6 | 3.1 | 7 | 20 | 25 |
| 1440348 | M4 | 8 | 3.1 | 7 | 20 | 25 |
| 1440349 | M4 | 10 | 3.1 | 7 | 20 | 25 |
| 1440350 | M4 | 12 | 3.1 | 7 | 20 | 25 |
| 1440351 | M4 | 16 | 3.1 | 7 | 20 | 25 |
| 1440352 | M4 | 20 | 3.1 | 7 | 20 | 10 |
| 1440353 | M4 | 25 | 3.1 | 7 | 20 | 10 |
| 1440354 | M5 | 8 | 3.65 | 8.5 | 25 | 10 |
| 1440355 | M5 | 10 | 3.65 | 8.5 | 25 | 10 |
| 1440356 | M5 | 12 | 3.65 | 8.5 | 25 | 10 |
| 1440357 | M5 | 16 | 3.65 | 8.5 | 25 | 10 |
| 1440358 | M5 | 20 | 3.65 | 8.5 | 25 | 10 |
| 1440359 | M5 | 25 | 3.65 | 8.5 | 25 | 10 |
| 1440360 | M5 | 30 | 3.65 | 8.5 | 25 | 10 |
| 1440361 | M6 | 10 | 4.4 | 10 | 30 | 10 |
| 1440362 | M6 | 12 | 4.4 | 10 | 30 | 10 |
| 1440363 | M6 | 16 | 4.4 | 10 | 30 | 10 |
| 1440364 | M6 | 20 | 4.4 | 10 | 30 | 10 |
| 1440365 | M6 | 25 | 4.4 | 10 | 30 | 10 |
| 1440366 | M6 | 30 | 4.4 | 10 | 30 | 10 |
| 1440367 | M6 | 40 | 4.4 | 10 | 30 | 10 |

## PEEK Special Low Head Hexalobular Screw

- Made from PEEK®
- Colour : Light Brown
- Continuous use temperature 180ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0




E = Hexalobular Number

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 1440368 | M3 | 6 | 1.3 | 6 | 8 | 25 |
| 1440369 | M3 | 8 | 1.3 | 6 | 8 | 25 |
| 1440370 | M3 | 10 | 1.3 | 6 | 8 | 25 |
| 1440371 | M3 | 12 | 1.3 | 6 | 8 | 25 |
| 1440372 | M3 | 16 | 1.3 | 6 | 8 | 25 |
| 1440373 | M3 | 20 | 1.3 | 6 | 8 | 25 |
| 1440374 | M4 | 6 | 1.5 | 8 | 10 | 25 |
| 1440375 | M4 | 8 | 1.5 | 8 | 10 | 25 |
| 1440376 | M4 | 10 | 1.5 | 8 | 10 | 25 |
| 1440377 | M4 | 12 | 1.5 | 8 | 10 | 25 |
| 1440778 | M4 | 16 | 1.5 | 8 | 10 | 25 |
| 1440779 | M4 | 20 | 1.5 | 8 | 10 | 25 |
| 1440780 | M4 | 25 | 1.5 | 8 | 10 | 10 |
| 1440781 | M5 | 8 | 1.5 | 9 | 15 | 10 |
| 1440782 | M5 | 10 | 1.5 | 9 | 15 | 10 |
| 1440783 | M5 | 12 | 1.5 | 9 | 15 | 10 |
| 1440784 | M5 | 16 | 1.5 | 9 | 15 | 10 |
| 1440785 | M5 | 20 | 1.5 | 9 | 15 | 10 |
| 1440786 | M5 | 25 | 1.5 | 9 | 15 | 10 |
| 1440787 | M5 | 30 | 1.5 | 9 | 15 | 10 |
| 1440788 | M6 | 10 | 1.5 | 10 | 20 | 10 |
| 1440789 | M6 | 12 | 1.5 | 10 | 20 | 10 |
| 1440790 | M6 | 16 | 1.5 | 10 | 20 | 10 |
| 1440791 | M6 | 20 | 1.5 | 10 | 20 | 10 |
| 1440792 | M6 | 25 | 1.5 | 10 | 20 | 10 |
| 1440793 | M6 | 30 | 1.5 | 10 | 20 | 10 |
| 1440794 | M6 | 35 | 1.5 | 10 | 20 | 10 |
| 1440795 | M6 | 40 | 1.5 | 10 | 20 | 10 |

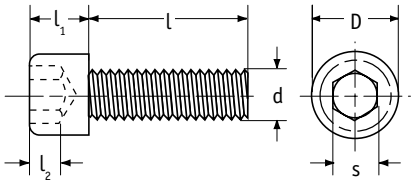
SR 1974

## Socket Head Screws

**Natural Nylon 6.6**

- Refer to standard NF E 25-125, DIN 912 for guidance purposes only





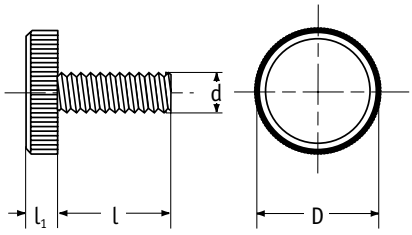

| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | s | $l_2$ | |
| 0160500000VR | M6 x 1.0 | 6.5 | 10.0 | 6.0 | 5.0 | 3.0 | 1000 |
| 0160510000VR | M6 x 1.0 | 10.0 | 10.0 | 6.0 | 5.0 | 3.0 | 1000 |
| 0160520000VR | M6 x 1.0 | 12.0 | 10.0 | 6.0 | 5.0 | 3.0 | 1000 |
| 0160540000VR | M6 x 1.0 | 16.0 | 10.0 | 6.0 | 5.0 | 3.0 | 1000 |
| 0160550000VR | M6 x 1.0 | 20.0 | 10.0 | 6.0 | 5.0 | 3.0 | 1000 |
| 0160560000VR | M6 x 1.0 | 25.0 | 10.0 | 6.0 | 5.0 | 3.0 | 1000 |
| 0160590000VR | M6 x 1.0 | 40.0 | 10.0 | 6.0 | 5.0 | 3.0 | 1000 |
| 0160660000VR | M8 x 1.25 | 10.0 | 13.0 | 8.0 | 6.0 | 4.0 | 1000 |
| 0160680000VR | M8 x 1.25 | 16.0 | 13.0 | 8.0 | 6.0 | 4.0 | 1000 |
| 0160700000VR | M8 x 1.25 | 20.0 | 13.0 | 8.0 | 6.0 | 4.0 | 1000 |
| 0160780000VR | M8 x 1.25 | 25.0 | 13.0 | 8.0 | 6.0 | 4.0 | 1000 |
| 0160710000VR | M8 x 1.25 | 30.0 | 13.0 | 8.0 | 6.0 | 4.0 | 1000 |
| 0160720000VR | M8 x 1.25 | 40.0 | 13.0 | 8.0 | 6.0 | 4.0 | 1000 |
| 0160750000VR | M8 x 1.25 | 60.0 | 13.0 | 8.0 | 6.0 | 4.0 | 500 |
| 0160770000VR | M8 x 1.25 | 80.0 | 13.0 | 8.0 | 6.0 | 4.0 | 500 |
| 0161850000VR | M10 x 1.5 | 16.0 | 16.0 | 10.0 | 8.0 | 5.0 | 500 |
| 0160860000VR | M10 x 1.5 | 20.0 | 16.0 | 10.0 | 8.0 | 5.0 | 1000 |
| 0160890000VR | M10 x 1.5 | 50.0 | 16.0 | 10.0 | 8.0 | 5.0 | 250 |
| 0161300000VR | M12 x 1.75 | 20.0 | 18.0 | 12.0 | 10.0 | 6.0 | 250 |
| 0161030000VR | M12 x 1.75 | 50.0 | 18.0 | 12.0 | 10.0 | 6.0 | 250 |

SR 1976

## Thumb Screws

**Natural Nylon 6.6**



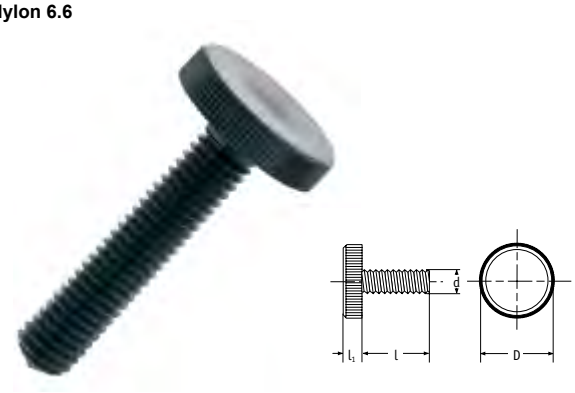



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | D | l | $l_1$ | |
| 0140230000VR | M4 x 0.7 | 16.0 | 25.0 | 3.4 | 1000 |
| 0140240000VR | M4 x 0.7 | 16.0 | 30.0 | 3.4 | 1000 |
| 0140320000VR | M5 x 0.8 | 16.0 | 15.0 | 3.4 | 1000 |
| 0140330000VR | M5 x 0.8 | 16.0 | 20.0 | 3.4 | 1000 |
| 0140340000VR | M5 x 0.8 | 16.0 | 25.0 | 3.4 | 1000 |
| 0140350000VR | M5 x 0.8 | 16.0 | 30.0 | 3.4 | 1000 |
| 0140390000VR | M6 x 1.0 | 16.0 | 6.5 | 3.4 | 1000 |
| 0140420000VR | M6 x 1.0 | 16.0 | 10.0 | 3.4 | 1000 |
| 0140430000VR | M6 x 1.0 | 16.0 | 12.0 | 3.4 | 1000 |
| 0140450000VR | M6 x 1.0 | 16.0 | 16.0 | 3.4 | 1000 |
| 0140460000VR | M6 x 1.0 | 16.0 | 20.0 | 3.4 | 1000 |
| 0140480000VR | M6 x 1.0 | 16.0 | 25.0 | 3.4 | 1000 |
| 0140500000VR | M6 x 1.0 | 16.0 | 30.0 | 3.4 | 1000 |
| 0140650000VR | M8 x 1.25 | 16.0 | 10.0 | 3.4 | 1000 |
| 0140680000VR | M8 x 1.25 | 16.0 | 16.0 | 3.4 | 1000 |
| 0140690000VR | M8 x 1.25 | 16.0 | 20.0 | 3.4 | 1000 |
| 0140700000VR | M8 x 1.25 | 16.0 | 25.0 | 3.4 | 1000 |
| 0140710000VR | M8 x 1.25 | 16.0 | 30.0 | 3.4 | 1000 |
| 0141850000VR | M10 x 1.5 | 16.0 | 16.0 | 3.4 | 500 |
| 0140880000VR | M10 x 1.5 | 16.0 | 30.0 | 3.4 | 500 |
| 0400420000VR | M6 x 1.0 | 30.0 | 10.0 | 5.0 | 1000 |
| 0400450000VR | M6 x 1.0 | 30.0 | 16.0 | 5.0 | 1000 |
| 0400680000VR | M8 x 1.25 | 30.0 | 16.0 | 5.0 | 1000 |
| 0400710000VR | M8 x 1.25 | 30.0 | 30.0 | 5.0 | 1000 |
| 0400720000VR | M8 x 1.25 | 30.0 | 35.0 | 5.0 | 1000 |
| 0401850000VR | M10 x 1.5 | 30.0 | 16.0 | 5.0 | 500 |

SR 1976

## Thumb Screws

**Black Nylon 6.6**

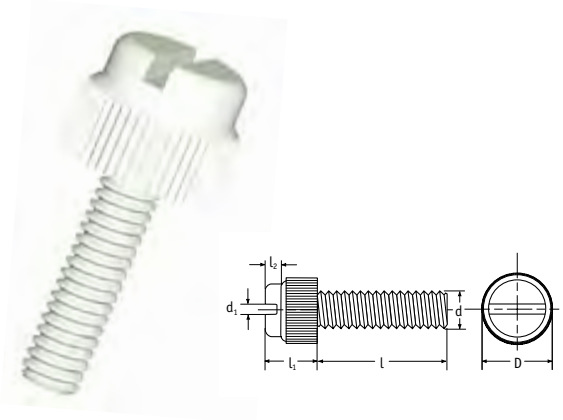



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | D | l | $l_1$ | |
| 0140230001VR | M4 x 0.7 | 16.0 | 25.0 | 3.4 | 100 |
| 0140320001VR | M5 x 0.8 | 16.0 | 15.0 | 3.4 | 100 |
| 0140330001VR | M5 x 0.8 | 16.0 | 20.0 | 3.4 | 100 |
| 0140340001VR | M5 x 0.8 | 16.0 | 25.0 | 3.4 | 100 |
| 0140350001VR | M5 x 0.8 | 16.0 | 30.0 | 3.4 | 100 |
| 0140360001VR | M5 x 0.8 | 16.0 | 40.0 | 3.4 | 100 |
| 0140390001VR | M6 x 1.0 | 16.0 | 6.5 | 3.4 | 100 |
| 0140420001VR | M6 x 1.0 | 16.0 | 10.0 | 3.4 | 100 |
| 0140430001VR | M6 x 1.0 | 16.0 | 12.0 | 3.4 | 100 |
| 0140450001VR | M6 x 1.0 | 16.0 | 16.0 | 3.4 | 100 |
| 0140460001VR | M6 x 1.0 | 16.0 | 20.0 | 3.4 | 100 |
| 0140470001VR | M6 x 1.0 | 16.0 | 22.0 | 3.4 | 100 |
| 0140500001VR | M6 x 1.0 | 16.0 | 30.0 | 3.4 | 100 |

SR 1977

## Slotted Thumb Screws

**Natural Nylon 6.6**




| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | $d_1$ | $l_2$ | |
| 0330020000VR | M3 x 0.5 | 6.0 | 8.1 | 5.5 | 1.0 | 1.1 | 1000 |
| 0330040000VR | M3 x 0.5 | 10.0 | 8.1 | 5.5 | 1.0 | 1.1 | 1000 |
| 0330050000VR | M3 x 0.5 | 12.0 | 8.1 | 5.5 | 1.0 | 1.1 | 1000 |
| 0330130000VR | M4 x 0.7 | 6.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330140000VR | M4 x 0.7 | 8.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330150000VR | M4 x 0.7 | 10.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330160000VR | M4 x 0.7 | 12.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330170000VR | M4 x 0.7 | 16.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330180000VR | M4 x 0.7 | 20.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 50M040070T035 | M4 x 0.7 | 35.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330250000VR | M5 x 0.8 | 10.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330270000VR | M5 x 0.8 | 16.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330310000VR | M5 x 0.8 | 40.0 | 10.5 | 8.1 | 1.4 | 1.7 | 1000 |
| 0330340000VR | M6 x 1.0 | 10.0 | 12.3 | 8.3 | 1.5 | 2.2 | 1000 |
| 0330350000VR | M6 x 1.0 | 12.0 | 12.3 | 8.3 | 1.5 | 2.2 | 1000 |
| 0330360000VR | M6 x 1.0 | 16.0 | 12.3 | 8.3 | 1.5 | 2.2 | 1000 |
| 0330370000VR | M6 x 1.0 | 20.0 | 12.3 | 8.3 | 1.5 | 2.2 | 1000 |
| 0330390000VR | M6 x 1.0 | 25.0 | 12.3 | 8.3 | 1.5 | 2.2 | 1000 |
| 50M060100T040 | M6 x 1.0 | 40.0 | 12.3 | 8.3 | 1.5 | 2.2 | 1000 |
| 50M060100T045 | M6 x 1.0 | 45.0 | 12.3 | 8.3 | 1.5 | 2.2 | 1000 |

SR 5741

## Knurled Screws

**Nylon and 30% Glass Fibre**

- Knurled Head for extra grip
- Resistant to numerous fluids and chemicals



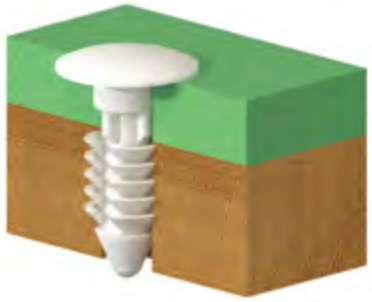

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | A | B | C | D | |
| 140040669916 | M4 | 6 | 4.0 | 13 | 100 |
| 140041069916 | M4 | 10 | 4.0 | 13 | 100 |
| 140041569916 | M4 | 15 | 4.0 | 13 | 100 |
| 140042069916 | M4 | 20 | 4.0 | 13 | 100 |
| 140051069916 | M5 | 10 | 4.0 | 13 | 100 |
| 140051569916 | M5 | 15 | 4.0 | 13 | 100 |
| 140052069916 | M5 | 20 | 4.0 | 13 | 100 |
| 140061069916 | M6 | 10 | 4.0 | 13 | 100 |
| 140061369916 | M6 | 13 | 4.0 | 13 | 100 |
| 140061569916 | M6 | 15 | 4.0 | 13 | 100 |
| 140062069916 | M6 | 20 | 4.0 | 13 | 100 |

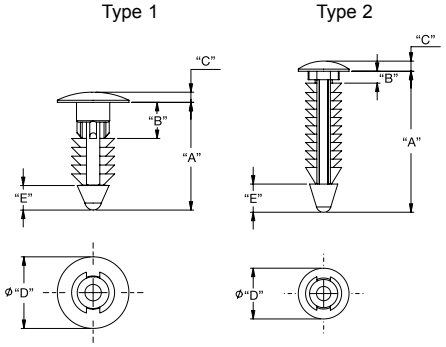
PL

## Pawl Lock

**Natural Nylon 6/6, RMS-01**

LINE EXTENSION






| Part Number | | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | Hole Ø | Type | |
| PL-250-10-01 | PL-250-10-01BK | 15.4 | 3.2 | 2 | 12.7 | 4.1 | 6.35 | 1 | 1000 |
| PL-250-12-01 | PL-250-12-01BK | 19.1 | 6.7 | 1.8 | 12.7 | 4.1 | 6.35 | 1 | 1000 |
| PL-250-20-01 | - | 25 | 2.1 | 1.8 | 9 | 5 | 5.5 | 2 | 1000 |

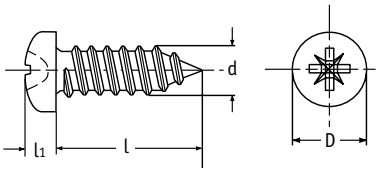
SR 1983

## Crossed Pan Head Tapping Screws

**Black Polyphtalamide 45% Glass Filled**

• Refer to standard NF E 25-658 for guidance purposes only






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d | l | D | $l_1$ | Pitch | |
| 6580111301VR | 3.5 | 6.5 | 8.0 | 3.1 | 1.3 | 1000 |
| 6580121301VR | 3.5 | 9.5 | 8.0 | 3.1 | 1.3 | 1000 |
| 6580131301VR | 3.5 | 13.0 | 8.0 | 3.1 | 1.3 | 1000 |
| 6580141301VR | 3.5 | 16.0 | 8.0 | 3.1 | 1.3 | 1000 |
| 6580181301VR | 4.2 | 9.5 | 8.0 | 3.1 | 1.4 | 1000 |
| 6580191301VR | 4.2 | 13.0 | 8.0 | 3.1 | 1.4 | 1000 |
| 6580201301VR | 4.2 | 16.0 | 8.0 | 3.1 | 1.4 | 1000 |
| 6580251301VR | 4.8 | 9.5 | 9.5 | 3.7 | 1.6 | 1000 |
| 6580271301VR | 4.8 | 16.0 | 9.5 | 3.7 | 1.6 | 1000 |
| 6580281301VR | 4.8 | 19.0 | 9.5 | 3.7 | 1.6 | 1000 |
| 6580291301VR | 4.8 | 22.0 | 9.5 | 3.7 | 1.6 | 1000 |
| 6580321301VR | 4.8 | 38.0 | 9.5 | 3.7 | 1.6 | 1000 |
| 6580351301VR | 5.5 | 19.0 | 9.5 | 3.7 | 1.8 | 1000 |
| 6580411301VR | 6.3 | 16.0 | 12.0 | 4.6 | 1.8 | 1000 |
| 6580421301VR | 6.3 | 19.0 | 12.0 | 4.6 | 1.8 | 1000 |
| 6580441301VR | 6.3 | 25.0 | 12.0 | 4.6 | 1.8 | 1000 |
| 6580551301VR | 8.0 | 50.0 | 16.0 | 6.0 | 2.1 | 500 |

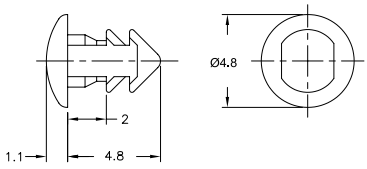
MPLE

## Mini Pawl Locks

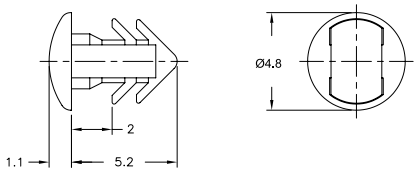
**Natural UL94 V2 Nylon 6/6, RMS-01**



MPLE-3.2M-01




MPLE-3.2M/3.5M-01



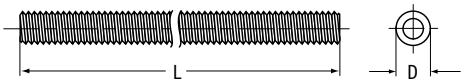

| Part Number | Hole Ø | Total Holding Thickness | Std Pack Qty |
|---|---|---|---|
| MPLE-3.2M-01 | 3.2 | 1.85 Max | 1000 |
| MPLE-32M/ 35M-01 | 3.2 - 3.5 | 1.85 Max | 1000 |

SR 1985

## Threaded Rod-100cm

**Natural Nylon 6.6**






| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | D | L | |
| 38M030050TR | M3 x 0.5 | 1000 | 10 |
| 0060020000VR | M4 x 0.7 | 1000 | 10 |
| 0060030000VR | M5 x 0.8 | 1000 | 10 |
| 0060040000VR | M6 x 1.0 | 1000 | 10 |
| 0060050000VR | M8 x 1.25 | 1000 | 10 |
| 0060060000VR | M10 x 1.5 | 1000 | 5 |
| 0060070000VR | M12 x 1.75 | 1000 | 5 |
| 0060080000VR | M14 x 2.0 | 1000 | 5 |
| 0060090000VR | M16 x 2.0 | 1000 | 5 |
| 0060100000VR | M18 x 2.5 | 1000 | 5 |
| 0060110000VR | M20 x 2.5 | 1000 | 5 |

SR 1985

## Threaded Rod-20cm

**Natural Nylon 6.6**

| Part Number | Size | L (mm) | Std Pack Qty |
|---|---|---|---|
| 072042000002 | M4 | 200 | 25 |
| 072052000002 | M5 | 200 | 25 |
| 072062000002 | M6 | 200 | 25 |
| 072082000002 | M8 | 200 | 10 |
| 072122000002 | M12 | 200 | 10 |

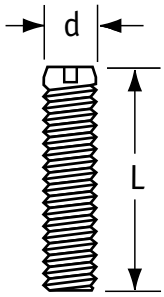
SR 1957

## Grub Screws

**Natural Nylon 6.6**

- Refer to standard DIN 551 for guidance purposes only





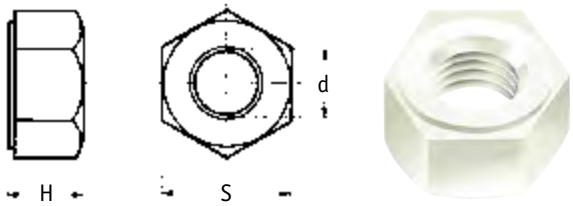

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | L | Slot Size | |
| 50M040070R006 | M4x0.7 | 6 | 2x0.65 | 100 |
| 50M040070R010 | M4x0.7 | 10 | 2x0.65 | 100 |
| 50M040070R020 | M4x0.7 | 20 | 2x0.65 | 100 |
| 50M040070R030 | M4x0.7 | 30 | 2x0.65 | 100 |
| 50M050080R008 | M5x0.8 | 8 | 3.3x0.9 | 100 |
| 50M050080R020 | M5x0.8 | 20 | 3.3x0.9 | 100 |
| 50M060100R010 | M6x1 | 10 | 4.1x1 | 100 |
| 50M060100R016 | M6x1 | 16 | 4.1x1 | 100 |
| 50M060100R030 | M6x1 | 30 | 4.1x1 | 100 |
| 50M080125R016 | M8x1.25 | 16 | 5.2x1.6 | 100 |
| 50M080125R050 | M8x1.25 | 50 | 5.2x1.6 | 100 |
| 50M100150R016 | M10x1.5 | 16 | 6.6x2.3 | 100 |
| 50M100150R020 | M10x1.5 | 20 | 6.6x2.3 | 100 |

SR 1954

## Hexagonal Nuts

**Natural Nylon 6.6**

- Refer to standard NF E 2403, ISO 4032, DIN 555, DIN 934 for guidance purposes only



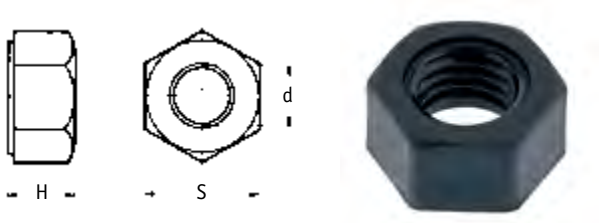

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | H | S | |
| 04M020040HN | M2 x 0.4 | 1.6 | 4.0 | 1000 |
| 04M025045HN | M2.5 x 0.45 | 2.0 | 5.0 | 1000 |
| 496239 | M3 x 0.5 | 2.4 | 5.5 | 1000 |
| 496240 | M4 x 0.7 | 3.2 | 7.0 | 1000 |
| 0030030000VR | M5 x 0.8 | 4.2 | 8.0 | 1000 |
| 0030040000VR | M6 x 1.0 | 5.0 | 10.0 | 1000 |
| 0030050000VR | M8 x 1.25 | 6.5 | 13.0 | 1000 |
| 0030060000VR | M10 x 1.5 | 8.0 | 17.0 | 1000 |
| 0030070000VR | M12 x 1.75 | 10.8 | 18.0 | 500 |
| 0030080000VR | M14 x 2.0 | 12.8 | 21.0 | 500 |
| 0030090000VR | M16 x 2.0 | 14.8 | 24.0 | 250 |
| 0030110000VR | M20 x 2.5 | 18.0 | 30.0 | 250 |
| 0030120000VR | M24 x 3.0 | 21.5 | 36.0 | 250 |

SR 1954

## Black Hexagonal Nuts

**Natural Nylon 6.6**

- Refer to standard NF E 2403, ISO 4032, DIN 555, DIN 934 for guidance purposes only

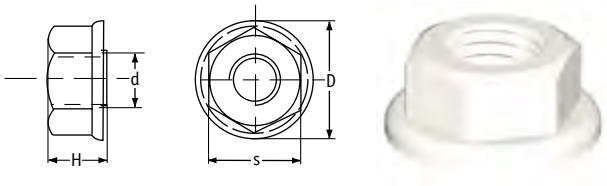



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | H | S | |
| 496241 | M3 x 0.5 | 2.4 | 5.5 | 100 |
| 496242 | M4 x 0.7 | 3.2 | 7.0 | 100 |
| 0030030001VR | M5 x 0.8 | 4.2 | 8.0 | 100 |
| 0030040001VR | M6 x 1.0 | 5.0 | 10.0 | 100 |
| 0030050001VR | M8 x 1.25 | 6.5 | 13.0 | 100 |
| 0030060001VR | M10 x 1.5 | 8.0 | 17.0 | 100 |
| 0030070001VR | M12 x 1.75 | 10.8 | 18.0 | 100 |

SR 1966

## Washer Nuts

**Natural Nylon 6.6**

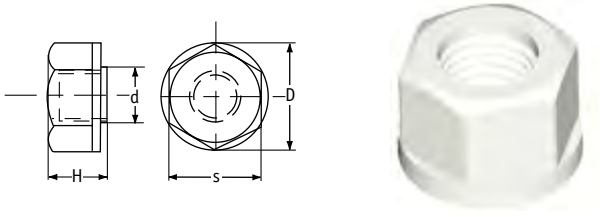



| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | D | H | s | |
| 43534 | M3 x 0.5 | 7.0 | 3.2 | 5.5 | 1000 |
| 43535 | M4 x 0.7 | 9.4 | 4.1 | 7.0 | 1000 |
| 43536 | M5 x 0.8 | 11.0 | 5.1 | 8.0 | 1000 |
| 43537 | M6 x 1.0 | 13.0 | 6.0 | 10.0 | 1000 |
| 43538 | M8 x 1.25 | 17.0 | 8.0 | 13.0 | 1000 |
| 1284116 | M10 x 1.5 | 22.0 | 9.5 | 16.0 | 1000 |
| 1284114 | M12 x 1.75 | 28.0 | 14.4 | 18.7 | 500 |
| 1284115 | M16 x 2.0 | 36.0 | 15.8 | 23.7 | 100 |

SR 1987

## Self-Locking Nuts

**Natural Nylon 6.6**



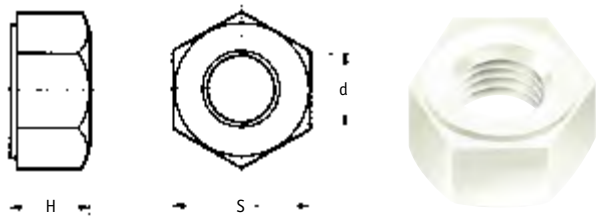

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | D | H | s | |
| 0600030000VR | M5 x 0.8 | 9.5 | 6.5 | 8.0 | 1000 |
| 0600040000VR | M6 x 1.0 | 11.4 | 7.3 | 10.0 | 1000 |
| 0600050000VR | M8 x 1.25 | 16.2 | 9.0 | 14.0 | 1000 |

SR 1954

## Hexagonal Nuts-PP

**Polypropylene**

- Refer to standard NF E 2403, ISO 4032, DIN 555, DIN 934 for guidance purposes only



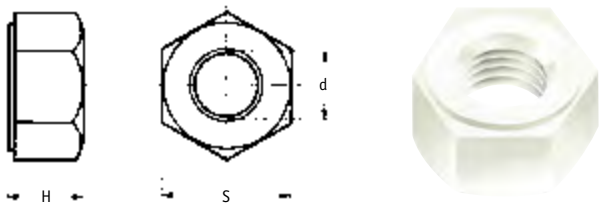

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | H | S | |
| 0030030300VR | M5 x 0.8 | 4.2 | 8.0 | 100 |
| 0030050300VR | M8 x 1.25 | 6.5 | 13.0 | 100 |
| 0030060300VR | M10 x 1.5 | 8.0 | 17.0 | 100 |
| 0030070300VR | M12 x 1.75 | 10.8 | 18.0 | 100 |
| 0030090300VR | M16 x 2.0 | 14.8 | 24.0 | 100 |

SR 1905

## Hexagonal Nuts-PVDF

**Natural PVDF**

- Refer to standard NF E 2403, ISO 4032, DIN 5551, DIN 934 for guidance purposes only

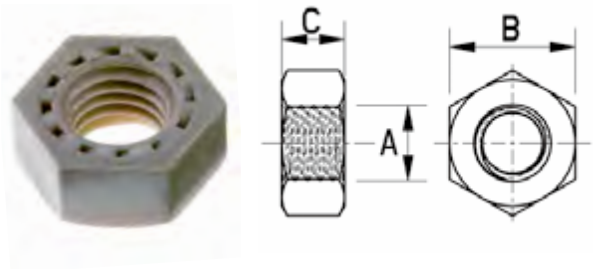



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | H | S | |
| 0030030500VR | M5 x 0.8 | 4.2 | 8.0 | 100 |
| 542051000046 | M6 x 1.0 | 5.0 | 10.0 | 100 |
| 0030050500VR | M8 x 1.25 | 6.5 | 13.0 | 100 |
| 0030060500VR | M10 x 1.5 | 8.0 | 17.0 | 100 |
| 0030070500VR | M12 x 1.75 | 10.8 | 18.0 | 100 |
| 0030090500VR | M16 x 2.0 | 14.8 | 24.0 | 100 |

SR 2014

## PEEK® Hexagon Nut

- Made from PEEK®
- Colour: Light Brown
- Continuous temperature use 180ºC
- Resistant to most chemicals
- Flame resistance: UL94 V0



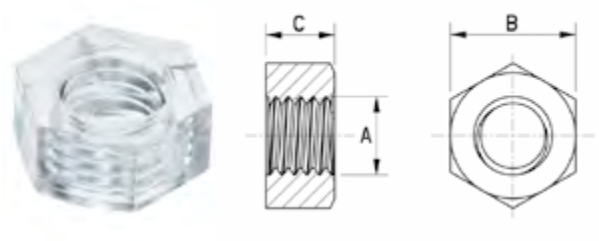

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | C | |
| 184020070409 | M2.6 | 5.0 | 2.0 | 25 |
| 184030070409 | M3 | 5.5 | 2.4 | 25 |
| 184040070409 | M4 | 7.0 | 3.2 | 25 |
| 184050070409 | M5 | 8.0 | 4.0 | 25 |
| 184060070409 | M6 | 10.0 | 5.0 | 25 |
| 184080070409 | M8 | 13.0 | 6.5 | 25 |
| 184100070409 | M10 | 17.0 | 8.0 | 25 |

SR 1926

## Transparent Nut

**Polycarbonate**

- High transparency fastener
- Ideal for POS display construction



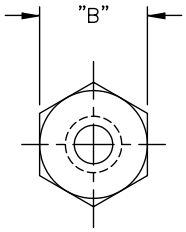

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | C | |
| 170000200022 | M2 | 4.0 | 1.6 | 100 |
| 170002500022 | M2.6 | 5.0 | 2.4 | 100 |
| 170000300022 | M3 | 5.5 | 2.5 | 100 |
| 170000400022 | M4 | 8.0 | 3.3 | 100 |
| 170000500022 | M5 | 8.0 | 4.4 | 100 |
| 170000600022 | M6 | 10.0 | 5.0 | 100 |
| 170000800022 | M8 | 13.0 | 6.5 | 100 |

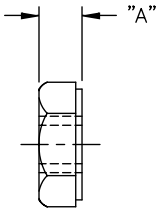
HN

## Hex Nut

**Natural**

- Parts does not carry the washer face





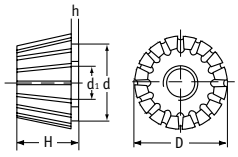

| Part Number | | Dimensions (mm) | | Thread | Std Pack Qty |
|---|---|---|---|---|---|
| Nylon 6/6, RMS-01 | Polycarbonate, RMS-01 | A | B | | |
| HN-4-40-01 | - | 2.3 | 6.2 | #4-40 | 1000 |
| 0400632HN | 0400632HNPC | 3.1 | 7.8 | #6-32 | 1000 |
| 0400832HN | 0400832HNPC | 3.3 | 8.5 | #8-32 | 1000 |

SR 1989

## Knurled Nuts

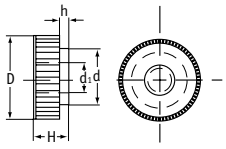
**Natural Nylon 6.6**

- Type 1 - conical
- Type 2 - standard




Type 1






Type 2



Type 1

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d | D | $d_1$ | H | h | |
| 0580020000VR | M4 x 0.7 | 16.0 | 14.0 | 12.0 | 1.0 | 1000 |
| 0580030000VR | M5 x 0.8 | 16.0 | 14.0 | 12.0 | 1.0 | 1000 |
| 0580040000VR | M6 x 1.0 | 16.0 | 14.0 | 12.0 | 1.0 | 1000 |
| 0580050000VR | M8 x 1.25 | 16.0 | 14.0 | 12.0 | 1.0 | 1000 |

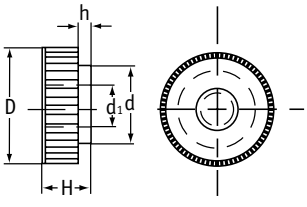
Type 2

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d | D | $d_1$ | H | h | |
| 0760030000VR | M3 x 0.5 | 16.0 | 10.0 | 8.0 | 3.5 | 1000 |
| 0760040000VR | M4 x 0.7 | 16.0 | 10.0 | 8.0 | 3.5 | 1000 |
| 0760050000VR | M5 x 0.8 | 16.0 | 10.0 | 8.0 | 3.5 | 1000 |
| 0760060000VR | M6 x 1.0 | 16.0 | 10.0 | 8.0 | 3.5 | 1000 |
| 0660020000VR | M4 x 0.7 | 16.0 | 10.0 | 6.0 | 1.4 | 1000 |
| 0660030000VR | M5 x 0.8 | 16.0 | 10.0 | 6.0 | 1.4 | 1000 |
| 0660040000VR | M6 x 1.0 | 16.0 | 10.0 | 6.0 | 1.4 | 1000 |
| 0770050000VR | M5 x 0.8 | 20.0 | 10.0 | 8.0 | 3.5 | 1000 |
| 0770060000VR | M6 x 1.0 | 20.0 | 10.0 | 8.0 | 3.5 | 1000 |
| 0770080000VR | M8 x 1.25 | 20.0 | 10.0 | 8.0 | 3.5 | 1000 |

SR 1989

## Black Knurled Nuts

**Black Nylon 6.6**






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | d | D | $d_1$ | H | h | |
| 0660020001VR | M4 x 0.7 | 16.0 | 10.0 | 6.0 | 1.4 | 100 |
| 0660030001VR | M5 x 0.8 | 16.0 | 10.0 | 6.0 | 1.4 | 100 |
| 0660040001VR | M6 x 1.0 | 16.0 | 10.0 | 6.0 | 1.4 | 100 |

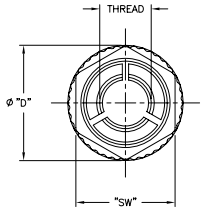
KNF

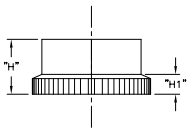
## Kwik Nut Fastener

**Black Nylon 6/6, RMS-48**

- To press fit over a threaded stud. To install, push down the length of the threaded fastener to desired location and lock with a 180° turn






| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Thread | "SW" | "D" | "H" | "$H_1$" | |
| 1442504 | M3 | 7 | 8.2 | 4 | 1.5 | 1000 |
| 1442505 | M4 | 8 | 9.4 | 4.7 | 1.5 | 1000 |

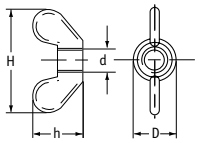
SR 1956

## Wing Nuts

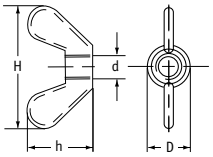
**Natural Nylon 6.6**

- Type 1 - small head
- Type 2 - larger wings for ease of turning
- Type 3 - includes washer

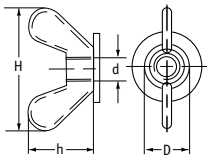





Type 1




Type 2




Type 3

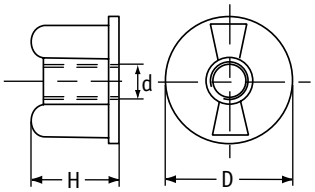
| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | d | D | H | h | |
| 06M040070WN | 1 | M4 x 0.7 | 10.0 | 25.0 | 12.0 | 1000 |
| 053101400002 | 1 | M5 x 0.8 | 10.0 | 25.0 | 12.0 | 1000 |
| 0500030000VR | 2 | M5 x 0.8 | 14.0 | 35.0 | 22.0 | 1000 |
| 0500040000VR | 2 | M6 x 1.0 | 14.0 | 35.0 | 22.0 | 1000 |
| 467000 | 2 | M10 x 1.5 | 17.0 | 41.0 | 25.0 | 1000 |
| 053101600002 | 3 | M5 x 0.8 | 24.0 | 35.0 | 24.0 | 1000 |
| 053101900002 | 3 | M6 x 1.0 | 24.0 | 35.0 | 24.0 | 1000 |
| 053102100002 | 3 | M8 x 1.25 | 24.0 | 35.0 | 24.0 | 1000 |

SR 1988

## Fly Nuts

**Natural Nylon 6.6**





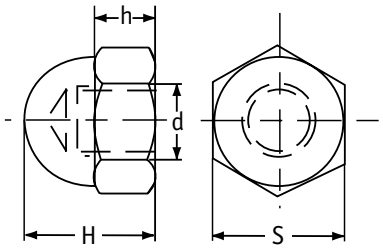

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | D | H | |
| 0680020000VR | M4 x 0.7 | 22.0 | 13.0 | 1000 |
| 0680030000VR | M5 x 0.8 | 22.0 | 13.0 | 1000 |
| 0680100000VR | M6 x 1.0 | 22.0 | 13.0 | 1000 |
| 467001 | M8 x 1.25 | 22.0 | 13.0 | 1000 |

SR 1955

## Dome Nuts

**Natural Nylon 6.6**

• Refer to standard NF E 27-453, DIN 1587 for guidance purposes only





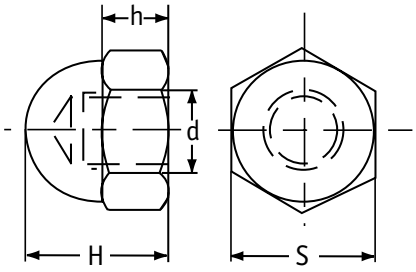

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | H | h | S | |
| 0550010000VR | M3 x 0.5 | 6.0 | 3.0 | 5.5 | 1000 |
| NNE-1587-M4 | M4 x 0.7 | 8.0 | 3.2 | 7.0 | 1000 |
| 0550030000VR | M5 x 0.8 | 10.0 | 4.0 | 8.0 | 1000 |
| 0550040000VR | M6 x 1.0 | 12.0 | 5.0 | 10.0 | 1000 |
| 0550050000VR | M8 x 1.25 | 15.0 | 6.5 | 13.0 | 1000 |
| 0550060000VR | M10 x 1.5 | 18.0 | 8.0 | 17.0 | 1000 |
| 0550070000VR | M12 x 1.75 | 22.0 | 10.0 | 19.0 | 500 |

SR 1955

## Black Dome Nuts

**Black Nylon 6.6**

• Refer to standard NF E 27-453, DIN 1587 for guidance purposes only





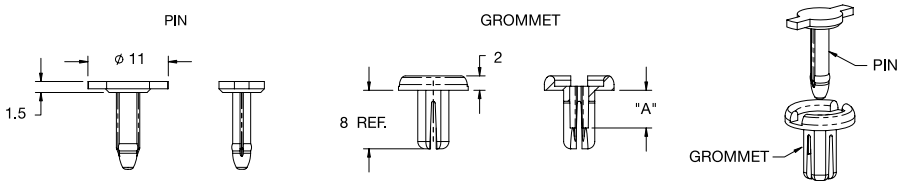

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | d | H | h | S | |
| 0550010001VR | M3 x 0.5 | 6.0 | 3.0 | 5.5 | 100 |
| 0550030001VR | M5 x 0.8 | 10.0 | 4.0 | 8.0 | 100 |
| 0550040001VR | M6 x 1.0 | 12.0 | 5.0 | 10.0 | 100 |
| 0550050001VR | M8 x 1.25 | 15.0 | 6.5 | 13.0 | 100 |
| 0550060001VR | M10 x 1.5 | 18.0 | 8.0 | 17.0 | 100 |
| 0550070001VR | M12 x 1.75 | 22.0 | 10.0 | 19.0 | 100 |

RRR

## Removable Rivet

**Black UL94 V2 Nylon 6/6, RMS-103**





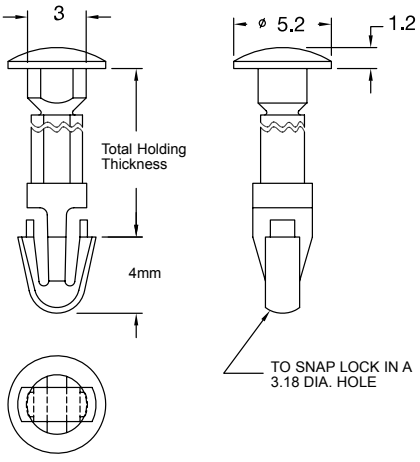

| Part Number | Hole Size | Panel Thickness | "A" REF. | Std Pack Qty |
|---|---|---|---|---|
| RRR-1 | 4.76-5.28 Ø or 4.5 Min. Square | 1.5-3.5 | 3.6 | 1000 |
| RRR-2 | 4.76-5.28 Ø or 4.5 Min. Square | 3.5-5.5 | 4.4 | 1000 |
| Pin and Grommet are supplied unassembled | | | | |

SLPA

## Snap Lock Pin with Arrowhead

**Natural Nylon 6/6, RMS-01**






| Part Number | Total Holding Thickness | Std Pack Qty |
|---|---|---|
| SLPA125-187-01 | 4.7 | 1000 |
| SLPA125-250-01 | 6.4 | 1000 |
| SLPA125-312-01 | 7.9 | 1000 |
| SLPA125-375-01 | 9.5 | 1000 |
| SLPA125-500-01 | 12.7 | 1000 |
| SLPA125-625-01 | 15.9 | 1000 |
| SLPA125-750-01 | 19.1 | 1000 |

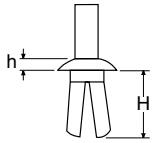
SR 1963

## Push Rivets

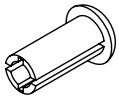
**Natural or Black Nylon**

- Fast, economical, permanent
- Rivet expands for secure tight fit
- Good electrical insulation
- Vibration, abrasion and corrosion resistant
- Installation tool available for faster fixing

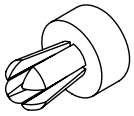
Type 1




Type 2



Type 3





SR 1919

## Rivet Hand Tool for Push Rivets

- For use with Push Rivet: SR 1963
- Ensures secure rivet fastening
- Simply position rivet gun over stem of the rivet and push down

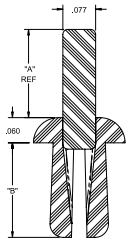


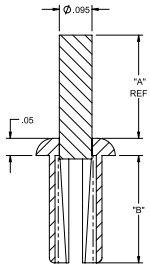
| Part Number | | Nominal Panel Hole Size (mm) | Dimensions (mm) | | | | Type | Std Pack Qty | Rivet hand Tool | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| Natural | Black | | Panel Thickness | H | h | Head Diameter | | | | |
| 093011000002 | 093011059902 | 3.0 | 1.0-4.0 | 5.7 | 1.3 | 5.0 | 1 | 250 | - | 1 |
| 093012000002 | 093012059902 | 3.5 | 1.0-5.0 | 6.8 | 1.3 | 6.0 | 1 | 250 | - | 1 |
| 093000200002 | 093000269902 | 3.6 | 2.0-5.5 | 7.0 | 2.0 | 7.7 | 1 | 250 | - | - |
| 093013000002 | 093013059902 | 4.0 | 1.5-6.0 | 7.9 | 1.5 | 6.5 | 1 | 250 | - | 1 |
| 093001000002 | 093001069902 | 4.8 | 1.6-4.7 | 7.4 | 2.5 | 8.7 | 1 | 250 | - | - |
| PPR-5 | PPR-5B | 4.8 | 1.0-9.5 | 10.7 | 1.6 | 7.1 | 2 | 1000 | 61PRT0125 | 1 |
| PPR-2 | PPR-2B | 4.8 | 4.0-7.1 | 9.7 | 1.5 | 10.9 | 1 | 1000 | 61PRT0125 | 1 |
| 093000800002 | 093000869902 | 4.8 | 4.0-8.7 | 11.0 | 1.2 | 7.1 | 1 | 250 | - | 1 |
| 093000700002 | 093000769902 | 5.0 | 1.5-5.0 | 7.4 | 2.0 | 7.1 | 1 | 250 | - | - |
| 093014000002 | 093014059902 | 5.0 | 1.5-7.0 | 9.2 | 1.8 | 8.5 | 1 | 250 | - | 1 |
| PPR-1 | PPR-1B | 5.5 | 2.4-4.0 | 11.4 | 2.0 | 9.4 | 1 | 1000 | 61PRT0125 | 1 |
| 093015000002 | 093015059902 | 6.0 | 2.0-8.0 | 10.5 | 2.2 | 10.0 | 1 | 250 | - | 1 |
| 093002400002 | 093002469902 | 6.0 | 3.0-7.0 | 10.0 | 2.0 | 11.0 | 1 | 250 | - | 1 |
| PPR-9 | PPR-9B | 6.4 | 1.5-6.4 | 9.3 | 4.7 | 11.1 | 3 | 1000 | 61PRT0150 | 1 |
| 093002600002 | 093002669902 | 6.4 | 4.0-9.5 | 12.0 | 2.0 | 11.0 | 1 | 250 | - | - |
| PPR-4 | PPR-4B | 6.4 | 7.1-12.7 | 15.8 | 2.0 | 11.9 | 1 | 1000 | 61PRT0150 | 1 |
| 093016000002 | 093016059902 | 7.0 | 2.5-9.0 | 11.8 | 2.6 | 12.0 | 1 | 250 | - | 1 |
| 093001800002 | 093001869902 | 7.1 | 4.0-12.0 | 17.5 | 2.5 | 17.0 | 1 | 250 | - | 1 |
| 093017000002 | 093017059902 | 8.0 | 3.0-10.0 | 13.0 | 3.0 | 13.5 | 1 | 250 | - | 1 |

PR-AIM

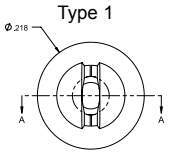
## Push Rivet

**Black UL94 V2, Nylon 6/6, RMS-47A**

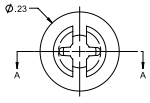


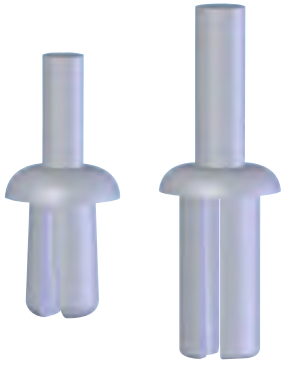




Type 1




Type 2



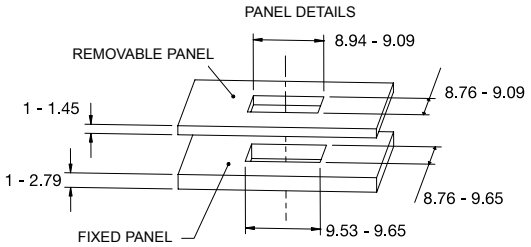
| Part Number | Dimensions (mm) | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" | "B" | Nominal Panel Hole Size | Panel Thickness | | |
| PR-AIM-1 | 5.33 | 5.72 | 3.18 | 0.79-3.56 | 1 | 1000 |
| PR-AIM-2 | 7.62 | 7.87 | 3.96 | 1.02-6.35 | 2 | 1000 |

FQT

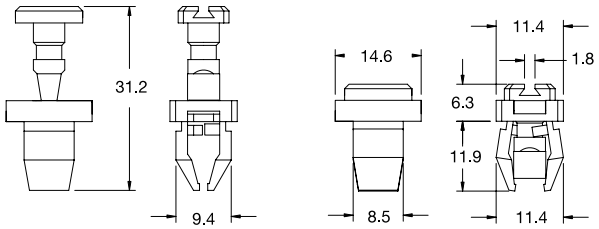
## Quarter Turn Panel Fastener

**Acetal, RMS-14**

- Easily installed by driving the plunger into the grommet with a hammer locking the two panels together
- Panels are easily separated using a screwdriver to rotate the plunger a quarter turn






| Part Number | Color | Std Pack Qty |
|---|---|---|
| FQT-1 | White | 1000/Bag |
| FQT-1BK | Black | 1000/Bag |

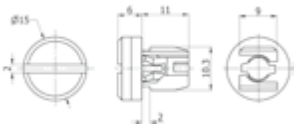
SR 1917

## Quarter Turn Latches

**Nylon**

- Turn the quarter turn fastener to both lock and release the fastener
- Supplied in pre-assembled format for convenience
- Ideal for when it is impossible to fit a receptacle in the frame work
- Available in both black and natural





| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Black | Natural | Hole Size | Panel Thickness | Head Diameter | Head Height | Length | |
| 495245 | 495246 | 9.0 x 9.1 - 9.3 | 1.6 - 5.0 | 15.0 | 6.0 | 11.0 | 1000 |

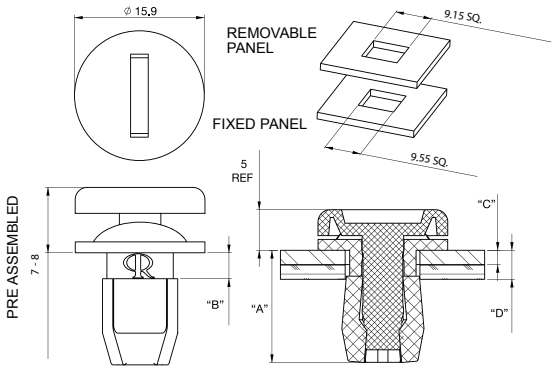
QTPF

## Quarter Turn Panel Fastener

**Black UL94 HB Acetal, RMS-14**

- Using a flat-head screwdriver or coin, a quarter-turn releases the bottom panel while retaining the fastener in the removable panel






| Part Number | Dimensions (mm) | | Removable Panel Thickness "C" | Total Panel Thickness "D" | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | "B" | | | |
| QTPF-1BK | 12.3 | 1.7 | 0.5-1.6 | 2-5 | 1000 |
| QTPF-2BK | 13.7 | 3.1 | 1.8-3.1 | 4-6.2 | 1000 |

SR 6268

## Quarter Turn Fasteners

**Acetal Co-Polymer (POM)**

- Fast assembly fastener
- Locks and unlocks by quarter turning head
- Wide range of panel depth and mounting hole sizes
- Permanent mounting solution
- Cross head quarter turn fasteners



Type 1 Type 2 Type 3

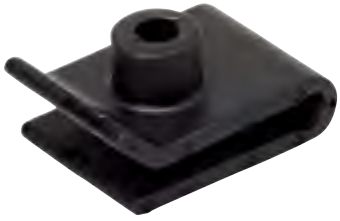
| Part Number | Dimensions (mm) | | | Type | Std Pack Qty |
|---|---|---|---|---|---|
| | Head Dia. | Hole Dia. | Panel Thickness. | | |
| 551651 | 20 | 7.5 | 4.5-7 | 1 | 1000 |
| 551652 | 19 | 9 | 4-7.5 | 2 | 1000 |
| 551653 | 15 | 9 | 6-8.2 | 2 | 1000 |
| 551654 | 14 | 6 | 4.5-6 | 2 | 1000 |
| 551655 | 16 | 7 | 4.5-6 | 3 | 1000 |
| 551656 | 20 | 8 | 3-5-6 | 3 | 1000 |
| 551657 | 16 | 6 | 4.5-6 | 1 | 1000 |

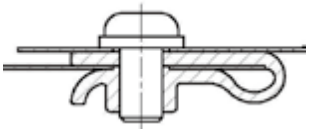
SR 6267

## Sealed and Panel Edge Grommet Nuts

**Polymide**

- Edge mounted U-Shaped grommet nut
- Slides on to the sheet material
- Alternative solution to threaded inserts
- Can be used as an alternative to a clinch fastener







Type 1



Type 2

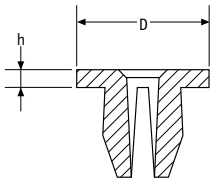
| Part Number | Mounting Style | Dimensions (mm) | | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | Mounting Screw | Panel Thickness 1 | Panel Thickness 2 | Length | Width | Mounting Hole Ø | | |
| 551634 | Panel Edge Mounting | M6 | 0.5-1 | - | 29.0 | 19.0 | 10.0 | 1 | 1000 |
| 551635 | Edge to Edge Panel Corner Mounting | M5 | 1.3 | 2.2 | 33.0 | 19.0 | 9.0 | 2 | 1000 |
| 551636 | Edge to Edge Panel Corner Mounting | M6 | 1.4 | 1.8 | 23.0 | 31.5 | 9.0 | 2 | 1000 |
| 551637 | Panel Edge Mounting | M5 | 3 | - | 27.0 | 18.0 | 9.0 | 1 | 1000 |
| 551638 | Panel Edge Mounting | M6 | 1.2 | - | 20.5 | 20.0 | 9.0 | 1 | 1000 |
| 551639 | Edge to Edge Panel Mount | M6 | 1.2 | 2.1 | 32.5 | 31.5 | 9.0 | 2 | 1000 |

SR 1959

## Grommet Nuts

**Natural Nylon 6.6**

- For a secure threaded connection between two panels





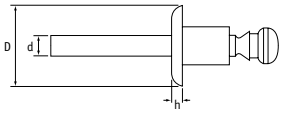

| Part Number | Self-Tapping Screw Size | Dimensions (mm) | | Panel Hole Size (mm) | Panel Hole Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | h | | | |
| 162501300002 | 2.9 | 8.0 | 1.3 | 5.0 x 5.0 | 0.8 - 2.5 | 250 |
| 162601400002 | 3.5 | 10.0 | 1.4 | 6.0 x 6.0 | 0.8 - 3.0 | 250 |
| 162701500002 | 4.2 | 12.0 | 1.5 | 7.0 x 7.0 | 0.8 - 4.0 | 250 |
| 162801600002 | 4.8 | 14.0 | 1.6 | 8.0 x 8.0 | 0.8 - 5.0 | 250 |

SR 1911

## Blind Rivets

**Natural Nylon**

- Good electrical insulation
- Vibration, abrasion and corrosion resistant



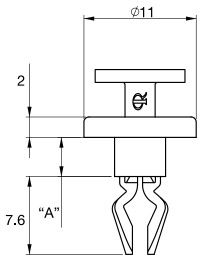


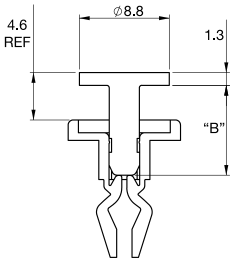

| Part Number | Nominal Panel Hole Size (mm) | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | Panel Thickness | D | h | d | |
| 497526 | 4.1 | 0.5 - 5.0 | 9.0 | 1.2 | 2.5 | 1000 |
| 497527 | 4.1 | 5.0 - 9.0 | 9.0 | 1.2 | 2.5 | 1000 |
| 497528 | 5.1 | 0.5 - 5.0 | 11.0 | 1.2 | 3.0 | 1000 |
| 497529 | 5.1 | 5.0 - 9.0 | 11.0 | 1.5 | 3.0 | 1000 |
| 497530 | 6.1 | 0.5 - 5.0 | 13.0 | 1.5 | 3.5 | 1000 |
| 497531 | 6.1 | 5.0 - 9.0 | 13.0 | 1.5 | 3.5 | 1000 |

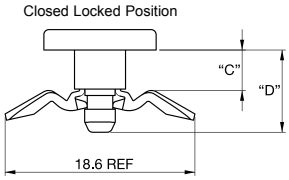
RFL

## Folding Leg Rivets

**UL94 V2 Nylon 6/6, RMS-01**



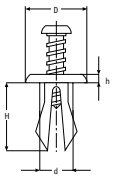


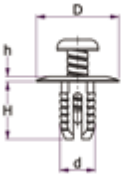

| Natural | Black | Dimensions (mm) | | | | Total Panel Thickness | Mounting Hole Ø | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "D" | | | |
| RFL-1 | RFL-1BK | 3 | 8.1 | 2.7 | 7.4 | 2.85 - 3.85 | 5.5 | 1000 |
| RFL-2 | RFL-2BK | 3.7 | 8.8 | 3.3 | 8.1 | 3.55 - 4.55 | 5.5 | 1000 |

SR 1962

## Screw Rivets

**Nylon 6.6**


Type 1


Type 2


Type 3





| Part Number | Colour | Dimensions (mm) | | | | Panel Thickness Range | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | D | d | H | h | | | |
| USR-1131 | Black | 12.0 | 5.0 | 11.0 | 3.9 | 1.5-6.0 | 1 | 1000 |
| 113000169902 | Black | 12.0 | 5.0 | 11.0 | 1.5 | 4.0-7.0 | 1 | 250 |
| 113105000002 | Natural | 12.5 | 5.0 | 9.6 | 1.2 | 2.0-7.0 | 1 | 250 |
| 113105059902 | Black | 12.5 | 5.0 | 9.6 | 1.2 | 2.0-7.0 | 1 | 250 |
| 113106000002 | Natural | 15.0 | 6.0 | 10.7 | 1.3 | 2.0-8.0 | 1 | 250 |
| 113106059902 | Black | 15.0 | 6.0 | 10.7 | 1.3 | 2.0-8.0 | 1 | 250 |
| USR-1132 | Black | 16.0 | 6.0 | 11.0 | 3.9 | 1.5-6.0 | 1 | 1000 |
| 113000269902 | Black | 16.0 | 6.0 | 11.0 | 1.5 | 4.0-7.0 | 1 | 250 |
| USR-64125 | Black | 15.1 | 6.4 | 12.7 | 3.0 | 3.2-4.4 | 1 | 500 |
| 113107000002 | Natural | 17.5 | 7.0 | 12.1 | 1.4 | 3.0-9.0 | 1 | 250 |
| 113107059902 | Black | 17.5 | 7.0 | 12.1 | 1.4 | 3.0-9.0 | 1 | 250 |
| 113108000002 | Natural | 20.0 | 8.0 | 13.5 | 1.5 | 3.0-10.0 | 1 | 250 |
| 113108059902 | Black | 20.0 | 8.0 | 13.5 | 1.5 | 3.0-10.0 | 1 | 250 |
| 113000369902 | Black | 20.0 | 8.0 | 14.0 | 1.5 | 3.0-10.0 | 1 | 250 |
| USR-1133 | Black | 20.0 | 8.0 | 14.0 | 4.0 | 3.0-10.0 | 2 | 1000 |
| USR-1 | Black | 20.0 | 8.0 | 22.0 | 3.6 | 7.0-8.0 | 3 | 1000 |

SR 6269

## Screw Rivet Fasteners

**Polyamide PA6**

- Large Hole Diameter
- Easily removed by unscrewing
- Push fit install
- High retention force


Type 1


Type 2



| Part Number | Head Style | Dimensions (mm) | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | Head Dia. | Hole Dia. | Panel Thickness. | | |
| 551658 | Cross Head, Screw Rivet | 21.5 | 10.6 | <14 | 1 | 1000 |
| 551659 | Cross Head, Screw Rivet | 16.5 | 9.8 | <10.5 | 2 | 1000 |

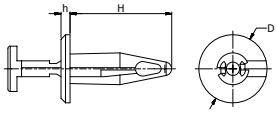
SR 1912

## Push Lock Rivets

**Black Nylon 6**

- Quick and easy to install
- Closed end feature acts as a self-aligning mechanism
- Double locking construction prevents the pin from disengaging during shipment or assembly



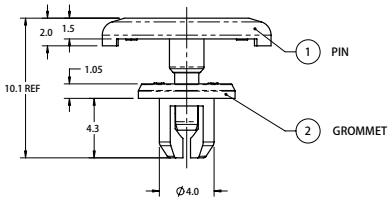


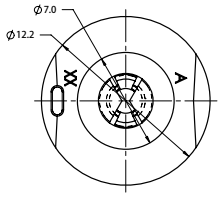
| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Hole Size (mm) | Panel Range | D (mm) | h | H | |
| 495201 | 5.0 | 1.5 - 4.6 | 7.2 | 1.0 | 11.4 | 1000 |
| 495202 | 6.3 | 4.0 - 7.6 | 18.0 | 2.5 | 17.3 | 1000 |
| 495203 | 6.3 | 2.5 - 8.9 | 25.4 | 2.5 | 22.5 | 1000 |
| 495204 | 6.3 | 2.5 - 8.9 | 15.0 | 2.7 | 18.5 | 1000 |
| 495205 | 6.3 | 1.5 - 7.6 | 17.4 | 2.0 | 20.4 | 1000 |
| 495206 | 6.5 | 2.5 - 8.9 | 15.0 | 2.0 | 22.4 | 1000 |
| 495207 | 7.0 | 12.0 - 15.0 | 25.4 | 2.5 | 27.0 | 1000 |
| 495208 | 7.0 | 9.0 - 13.0 | 18.0 | 2.5 | 23.0 | 1000 |
| 495209 | 8.0 | 3.0 - 8.0 | 20.0 | 2.7 | 21.0 | 1000 |
| 495210 | 8.0 | 3.0 - 8.0 | 15.0 | 2.6 | 22.0 | 1000 |
| 495211 | 8.0 | 4.0 - 8.0 | 18.0 | 2.9 | 23.0 | 1000 |
| 495212 | 8.0 | 12.0 - 16.0 | 15.0 | 3.0 | 29.0 | 1000 |
| 495213 | 9.0 | 3.0 - 7.0 | 16.0 | 2.6 | 20.0 | 1000 |
| 495214 | 9.5 | 0.9 - 4.8 | 25.0 | 2.4 | 25.2 | 1000 |
| 495215 | 9.5 | 3.5 - 7.0 | 17.9 | 2.5 | 23.0 | 1000 |
| 495216 | 10.0 | 6.0 - 10.0 | 20.0 | 3.7 | 26.7 | 1000 |
| 495217 | 11.5 | 29.0 - 31.0 | 30.0 | 2.5 | 50.0 | 1000 |

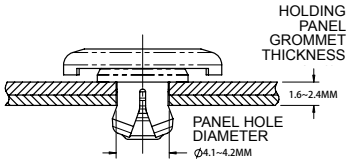
SRLT

## Snap Rivet,Locking Type

**PIN : White UL94 V-0 PC ,RMS-463C**
**GROMMET: Black Nylon 6,**
**UL94 V-2 ,RMS-52**



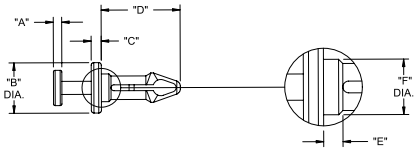




| Part Number | Std Pack Qty |
|---|---|
| SRLT-1 | 1000 |

TRM

## Mini Tough Snap Rivets

**Black UL94 V2 Heat Stabilized Nylon 6/6, RMS-47**



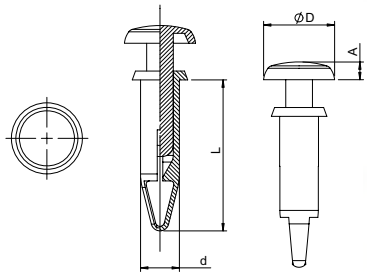



| Part Number | Hole Ø | Panel Thickness | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | "A" | "B" Ø | "C" | "D" | "E" REF. | "F" REF. | |
| TRM-1 | 2.5 - 2.6 | 4.1 - 4.6 | 1 | 4.8 | 1.5 | 8.8 | - | - | 1000 |
| TRM-2 | 2.7 - 2.8 | 2 - 2.7 | 1.3 | 5.5 | 1.5 | 7.6 | - | - | 1000 |
| TRM-3 | 3.1 - 3.3 | 2.7 - 3.3 | 1.3 | 5.5 | 1.5 | 8.1 | - | - | 1000 |
| TRM-4 | 3.1 - 3.3 | 3.3 - 3.9 | 1.3 | 5.5 | 1.5 | 7.6 | - | - | 1000 |
| TRM-5 | 3.1 - 3.3 | 3.9 - 4.6 | 1.3 | 5.5 | 1.5 | 9.4 | - | - | 1000 |
| TRM-6 | 3.1 - 3.3 | 6.1 - 6.7 | 1.3 | 5.5 | 1.5 | 11.6 | - | - | 1000 |
| TRM-7 | 3.7 - 3.9 | 6.7 - 7.4 | 1.3 | 7.6 | 1.5 | 11.9 | 1.1 | 4.2 | 1000 |

TRMS

## Mini Tough Snap Rivet

**Black UL94 V2 Heat Stabilized Nylon 6/6, RMS-52**



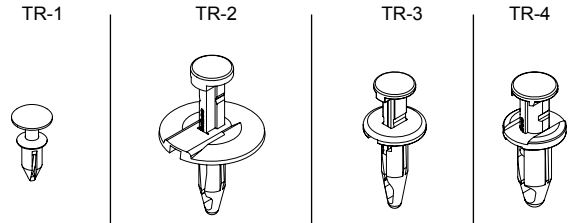


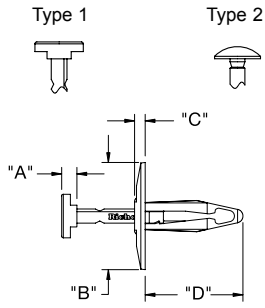

| Part Number | Hole Ø | Panel Thickness | D±0.5 | A | l±0.5 | d |
|---|---|---|---|---|---|---|
| TRMS35-1 | Φ3.6 | 2.0-3.5 | 6.4 | 1.6 | 9.8 | 3.5 |
| TRMS35-2 | Φ3.6 | 3.5-5.0 | 6.4 | 1.6 | 11.4 | 3.5 |
| TRMS35-3 | Φ3.6 | 5.0-6.5 | 6.4 | 1.6 | 13.6 | 3.5 |
| TRMS40-1 | Φ4.1 | 2.0-3.5 | 8.0 | 1.8 | 10.0 | 4.0 |
| TRMS40-2 | Φ4.1 | 3.5-5.5 | 8.0 | 1.8 | 12.0 | 4.0 |
| TRMS40-3 | Φ4.1 | 5.5-7.5 | 8.0 | 1.8 | 14.0 | 4.0 |
| TRMS48-1 | Φ4.9 | 2.0-3.5 | 9.0 | 2.2 | 11.4 | 4.8 |
| TRMS48-2 | Φ4.9 | 3.5-5.5 | 9.0 | 2.2 | 13.2 | 4.8 |
| TRMS48-3 | Φ4.9 | 5.5-7.5 | 9.0 | 2.2 | 16.2 | 4.8 |

TR

## Tough Snap Rivets

**Black UL94 HB Impact Modified Nylon 6/6, RMS-73**






| Part Number | Hole Ø | Panel Thickness | "A" | "B" Ø | "C" | "D" | No. of Legs | Pin Head Style | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| TR-1 | 4.9 - 5.2 | 1.5 - 4.6 | 2.5 | 7.2 | 1.1 | 11.3 | 3 | 2 | 1000 |
| TR-2 | 6.3 - 7 | 2.5 - 8.9 | 3.6 | 25 | 2.5 | 22.8 | 2 | 1 | 1000 |
| TR-3 | 6.4 - 7 | 2.5 - 8 | 2.8 | 14.9 | 2 | 22.8 | 2 | 1 | 1000 |
| TR-4 | 8 - 8.3 | 3 - 8 | 2.3 | 14.9 | 2.7 | 21.1 | 2 | 1 | 1000 |

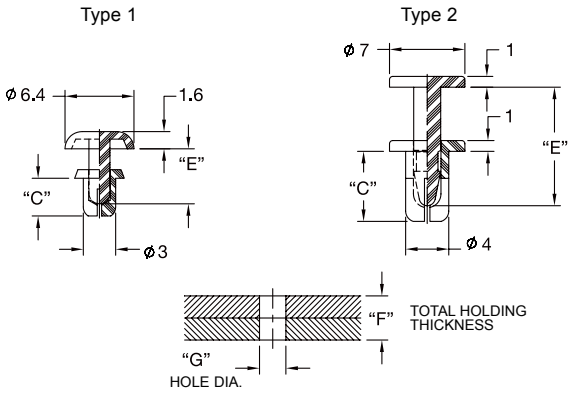
**SRP**

## Snap Rivet "P" Type

**Black UL94 V1 Polysulfone, RMS-51**

• Withstands temperatures up to 155°C





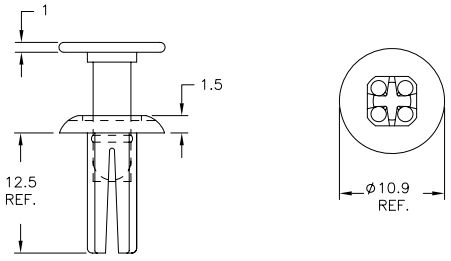

| Part Number | Hole Ø "G" | Total Holding Thickness "F" | "C" | "E" | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| SRP-3045 | 3.1 - 3.2 | 1.5 - 2.5 | 4.5 | 6.1 | 1 | 1000 |
| SRP-3055 | 3.1 - 3.2 | 2.5 - 3.5 | 5.5 | 6.1 | 1 | 1000 |
| SRP-4065 | 4 - 4.2 | 3.5 - 4.5 | 6.5 | 11 | 2 | 1000 |

**PPR-10**

## Push Rivet

**Natural UL94 V2 Nylon 6, RMS-120**





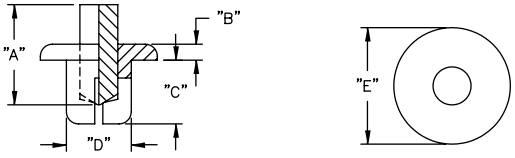

| Part Number | Total Holding Thickness | Mounting Hole Options | Std Pack Qty |
|---|---|---|---|
| PPR-10 | 3.56-5.08 | 6.4 Round Hole | 1000 |
| PPR-10 | 3.56-5.08 | 5.6 Square Hole | 1000 |

**PPR**

## Push Rivet Blunt

**Black**






| Part Number | Ø Hole | Total Holding Thickness | Dimensions (mm) | | | | | Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | "A" | "B" | "C" | Ø "D" | Ø "E" | | |
| PPR-3055B | 3.1 | 3 - 4 | 8.9 | 2 | 5.6 | 3 | 5.8 | UL94 V2 Nylon6, RMS-52 | 1000 |
| PPR-4050B | 4.1 | 2.5 - 3.5 | 9.2 | 2.2 | 5 | 4 | 8 | UL94 V2 Nylon6, RMS-52 | 1000 |
| PPR-4850B | 4.8 | 1.2 - 3 | 10.4 | 3.3 | 5.1 | 4.8 | 9.9 | UL94 V2 Nylon6, RMS-52 | 1000 |
| PPR-5060B | 5.1 | 3 - 4 | 9.4 | 2.8 | 6.1 | 5 | 9.4 | UL94 V2 Nylon6, RMS-52 | 1000 |
| PPR-5070B | 5.1 | 4 - 5 | 11.4 | 2.8 | 7.1 | 5 | 9.4 | UL94 V2 Nylon6, RMS-52 | 1000 |
| PPR-5080B | 5.1 | 5 - 6 | 11.4 | 2.8 | 8.1 | 5 | 9.4 | UL94 V2 Nylon6, RMS-52 | 1000 |
| PPR-6060B | 6.1 | 2.5 - 4 | 9.4 | 1.5 | 6.1 | 6 | 10.9 | Polyethylene, RMS-142 | 1000 |

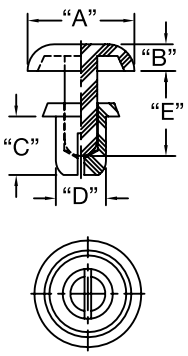
SR/SRVO

# Snap Fasteners

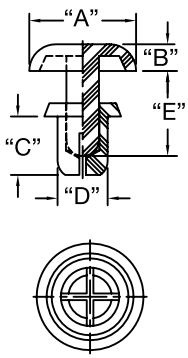
**Material: UL94 V2 Nylon 6, RMS-52**
**Material: UL94 V0 Nylon 6/66, RMS-103**

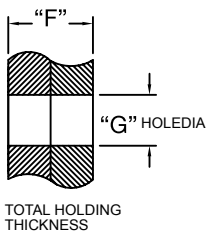


Type 1




Type 2



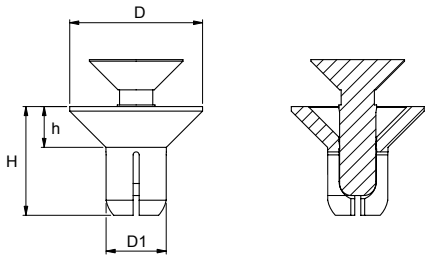

TOTAL HOLDING THICKNESS

| Part Number | | | | Hole Ø "G" | Extraction Force kg Typ. | Total Holding Thickness "F" | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Black | White | Black | White | | | | "A" Ø | "B" | "C" | "D" Ø | "E" | Type | |
| SR-2024B | SR-2024W | SRVO-2024B | - | 2.1 - 2.2 | 3 | 0.6 - 1.2 | 4.2 | 1.2 | 2.4 | 2 | 2.8 | 1 | 1000 |
| SR-2032B | SR-2032W | SRVO-2032B | - | 2.1 - 2.2 | 3 | 1.3 - 2 | 4.2 | 1.2 | 3.2 | 2 | 3.8 | 1 | 1000 |
| SR-2040B | SR-2040W | SRVO-2040B | - | 2.1 - 2.2 | 3 | 2.1 - 2.8 | 4.2 | 1.2 | 4 | 2 | 5.5 | 1 | 1000 |
| SR-2048B | SR-2048W | SRVO-2048B | SRVO-2048WH | 2.1 - 2.2 | 3 | 2.9 - 3.6 | 4.2 | 1.2 | 4.8 | 2 | 5.5 | 1 | 1000 |
| SR-2056B | SR-2056W | SRVO-2056B | - | 2.1 - 2.2 | 3 | 3.7 - 4.4 | 4.2 | 1.2 | 5.6 | 2 | 7.2 | 1 | 1000 |
| SR-2064B | SR-2064W | SRVO-2064B | - | 2.1 - 2.2 | 3 | 4.4 - 5 | 4.2 | 1.2 | 6.4 | 2 | 7.1 | 1 | 1000 |
| SR-2632B | SR-2632W | SRVO-2632B | - | 2.7 - 2.8 | 5 | 1 - 2 | 5 | 1.4 | 3.2 | 2.6 | 4.5 | 1 | 1000 |
| SR-2642B | SR-2642W | SRVO-2642B | - | 2.7 - 2.8 | 5 | 2 - 3 | 5 | 1.4 | 4.2 | 2.6 | 4.5 | 1 | 1000 |
| SR-2648B | SR-2648W | SRVO-2648B | - | 2.7 - 2.8 | 5 | 2.7 - 3.6 | 5 | 1.4 | 4.8 | 2.6 | 6.1 | 1 | 1000 |
| SR-2655B | SR-2655W | SRVO-2655B | - | 2.7 - 2.8 | 5 | 3.4 - 4.3 | 5 | 1.4 | 5.6 | 2.6 | 6.1 | 1 | 1000 |
| SR-2664B | SR-2664W | SRVO-2664B | - | 2.7 - 2.8 | 5 | 4.3 - 5.2 | 5 | 1.4 | 6.4 | 2.6 | 7.8 | 1 | 1000 |
| SR-2672B | SR-2672W | SRVO-2672B | - | 2.7 - 2.8 | 5 | 5.1 - 6 | 5 | 1.4 | 7.2 | 2.6 | 7.8 | 1 | 1000 |
| SR-3035B | SR-3035W | SRVO-3035B | SRVO-3035W | 3.1 - 3.2 | 8 | 1 - 2 | 6.4 | 1.6 | 3.5 | 3 | 5.1 | 1 | 1000 |
| SR-3040B | SR-3040W | - | - | 3.1 - 3.2 | 8 | 1.5 - 2.5 | 6.4 | 1.6 | 4.0 | 3 | 5.1 | 1 | 1000 |
| SR-3045B | SR-3045W | SRVO-3045B | SRVO-3045W | 3.1 - 3.2 | 8 | 2 - 3 | 6.4 | 1.6 | 4.5 | 3 | 6.1 | 1 | 1000 |
| SR-3050B | SR-3050W | - | - | 3.1 - 3.2 | 8 | 2.5 - 3.5 | 6.4 | 1.6 | 5.0 | 3 | 6.1 | 1 | 1000 |
| SR-3055B | SR-3055W | SRVO-3055B | SRVO-3055W | 3.1 - 3.2 | 8 | 3 - 4 | 6.4 | 1.6 | 5.6 | 3 | 6.1 | 1 | 1000 |
| SR-3065B | SR-3065W | SRVO-3065B | SRVO-3065W | 3.1 - 3.2 | 8 | 4 - 5 | 6.4 | 1.6 | 6.5 | 3 | 7.1 | 1 | 1000 |
| SR-3075B | SR-3075W | SRVO-3075B | - | 3.1 - 3.2 | 8 | 5 - 6 | 6.4 | 1.6 | 7.5 | 3 | 9 | 1 | 1000 |
| SR-3080B | SR-3080W | SRVO-3080B | - | 3.1 - 3.2 | 8 | 5.5 - 6.5 | 6.4 | 1.6 | 8 | 3 | 9 | 1 | 1000 |
| SR-3090B | SR-3090W | SRVO-3090B | - | 3.1 - 3.2 | 8 | 6.5 - 7.5 | 6.4 | 1.6 | 9 | 3 | 11 | 1 | 1000 |
| SR-3100B | SR-3100W | SRVO-3100B | - | 3.1 - 3.2 | 8 | 7.5 - 8.5 | 6.4 | 1.6 | 10 | 3 | 11 | 1 | 1000 |
| SR-3535B | SR-3535W | SRVO-3535B | - | 3.6 - 3.7 | 12 | 1.2 - 2.1 | 6.4 | 1.6 | 3.5 | 3.5 | 5.1 | 2 | 1000 |
| SR-3545B | SR-3545W | SRVO-3545B | - | 3.6 - 3.7 | 12 | 2.1 - 3 | 6.4 | 1.6 | 4.5 | 3.5 | 6.1 | 2 | 1000 |
| SR-3550B | SR-3550W | SRVO-3550B | - | 3.6 - 3.7 | 12 | 2.7 - 3.6 | 6.4 | 1.6 | 5 | 3.5 | 6.1 | 2 | 1000 |
| SR-3555B | SR-3555W | SRVO-3555B | - | 3.6 - 3.7 | 12 | 3 - 4 | 6.4 | 1.6 | 5.6 | 3.5 | 7.1 | 2 | 1000 |
| SR-3560B | SR-3560W | SRVO-3560B | - | 3.6 - 3.7 | 12 | 3.7 - 4.6 | 6.4 | 1.6 | 6 | 3.5 | 7.1 | 2 | 1000 |
| SR-3570B | SR-3570W | SRVO-3570B | - | 3.6 - 3.7 | 12 | 4.5 - 5.5 | 6.4 | 1.6 | 7.2 | 3.5 | 9 | 2 | 1000 |
| SR-3580B | SR-3580W | SRVO-3580B | - | 3.6 - 3.7 | 12 | 5.5 - 6.5 | 6.4 | 1.6 | 8 | 3.5 | 9.1 | 2 | 1000 |
| SR-4050B | SR-4050W | SRVO-4050B | SRVO-4050W | 4.1 - 4.2 | 20 | 2.5 - 3.5 | 8 | 1.8 | 5 | 4 | 7.1 | 2 | 1000 |
| SR-4060B | SR-4060W | SRVO-4060B | - | 4.1 - 4.2 | 20 | 3.5 - 4.5 | 8 | 1.8 | 6 | 4 | 7.1 | 2 | 1000 |
| SR-4070B | SR-4070W | SRVO-4070B | SRVO-4070W | 4.1 - 4.2 | 20 | 4.5 - 5.5 | 8 | 1.8 | 7.2 | 4 | 9 | 2 | 1000 |
| SR-4080B | SR-4080W | SRVO-4080B | - | 4.1 - 4.2 | 20 | 5.5 - 6.5 | 8 | 1.8 | 8 | 4 | 9 | 2 | 1000 |
| SR-4090B | SR-4090W | SRVO-4090B | SRVO-4090W | 4.1 - 4.2 | 20 | 6.5 - 7.5 | 8 | 1.8 | 9 | 4 | 11 | 2 | 1000 |
| SR-4100B | SR-4100W | SRVO-4100B | SRVO-4100W | 4.1 - 4.2 | 20 | 7.5 - 8.5 | 8 | 1.8 | 10 | 4 | 11 | 2 | 1000 |
| SR-4120B | SR-4120W | SRVO-4120B | - | 4.1 - 4.2 | 20 | 9 - 10.5 | 8 | 1.8 | 12 | 4 | 14 | 2 | 1000 |
| SR-5045B | SR-5045W | SRVO-5045B | - | 5.1 - 5.2 | 25 | 1.5 - 2.5 | 9 | 2.2 | 4.5 | 5 | 6.5 | 2 | 1000 |
| SR-5055B | SR-5055W | SRVO-5055B | - | 5.1 - 5.2 | 25 | 2.5 - 3.5 | 9 | 2.2 | 5.6 | 5 | 6.5 | 2 | 1000 |
| SR-5065B | SR-5065W | SRVO-5065B | SRVO-5065W | 5.1 - 5.2 | 25 | 3.5 - 4.5 | 9 | 2.2 | 6.5 | 5 | 8.5 | 2 | 1000 |
| SR-5075B | SR-5075W | SRVO-5075B | - | 5.1 - 5.2 | 25 | 4.5 - 5.5 | 9 | 2.2 | 7.5 | 5 | 8.5 | 2 | 1000 |
| SR-5085B | SR-5085W | SRVO-5085B | - | 5.1 - 5.2 | 25 | 5.5 - 6.5 | 9 | 2.2 | 8.5 | 5 | 10.5 | 2 | 1000 |
| SR-5095B | SR-5095W | SRVO-5095B | - | 5.1 - 5.2 | 25 | 6.5 - 7.5 | 9 | 2.2 | 9.5 | 5 | 10.5 | 2 | 1000 |
| SR-5105B | SR-5105W | SRVO-5105B | - | 5.1 - 5.2 | 25 | 7.5 - 8.5 | 9 | 2.2 | 10.5 | 5 | 12 | 2 | 1000 |
| SR-6060B | SR-6060W | SRVO-6060B | - | 6.1 - 6.2 | 30 | 2.5 - 4 | 12 | 2.5 | 6 | 6 | 9 | 2 | 1000 |
| SR-6080B | SR-6080W | SRVO-6080B | - | 6.1 - 6.2 | 30 | 3.5 - 5.5 | 12 | 3 | 8 | 6 | 10 | 2 | 1000 |

SR 1811

## Countersunk Snap Rivets

- Snap-Fit fastener
- Ideal for flush fit



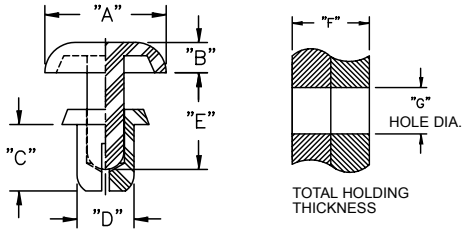

| Part Number | | Dimensions (mm) | | | | Panel Thickness | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Black | White | D | h | H | D1 | | |
| SRCS-4060B | SRCS-4060W | 8.8 | 2.7 | 6.0 | 4.0 | 3.5 - 4.5 | 1000 |
| SRCS-4070B | SRCS-4070W | 8.8 | 2.7 | 7.2 | 4.0 | 4.5 - 5.5 | 1000 |
| SRCS-4100B | SRCS-4100W | 8.8 | 2.7 | 10.0 | 4.0 | 7.5 - 8.5 | 1000 |

SRHR

## Snap Rivet Heat Resistant

**Tan UL94 V2 Nylon 4/6, RMS-109**

- Withstands temperatures up to 130°C





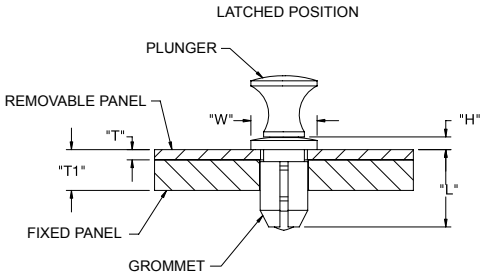

| Part Number | Hole Ø "G" | Total Holding Thickness "F" | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | "A" Ø | "B" | "C" | "D" Ø | "E" | |
| SRHR-3035 | 3.1 - 3.2 | 1 - 2 | 6.4 | 1.6 | 3.5 | 3 | 5.1 | 1000 |
| SRHR-3045 | 3.1 - 3.2 | 2 - 3 | 6.4 | 1.6 | 4.5 | 3 | 6.1 | 1000 |
| SRHR-3055 | 3.1 - 3.2 | 3 - 4 | 6.4 | 1.6 | 5.6 | 3 | 6.1 | 1000 |
| SRHR-3065 | 3.1 - 3.2 | 4 - 5 | 6.4 | 1.6 | 6.5 | 3 | 7.1 | 1000 |
| SRHR-3080 | 3.1 - 3.2 | 5 - 6.5 | 6.4 | 1.6 | 8 | 3 | 9 | 1000 |
| SRHR-3535 | 3.6 - 3.7 | 1.2 - 2.1 | 6.4 | 1.6 | 3.5 | 3.5 | 5.1 | 1000 |
| SRHR-3545 | 3.6 - 3.7 | 2.2 - 3.1 | 6.4 | 1.6 | 4.5 | 3.5 | 6.1 | 1000 |
| SRHR-3555 | 3.6 - 3.7 | 3 - 4 | 6.4 | 1.6 | 5.6 | 3.5 | 7.1 | 1000 |
| SRHR-4050 | 4.1 - 4.2 | 2.5 - 3.5 | 8 | 1.8 | 5 | 4 | 7.1 | 1000 |
| SRHR-4060 | 4.1 - 4.2 | 3.5 - 4.5 | 8 | 1.8 | 6 | 4 | 7.1 | 1000 |
| SRHR-4070 | 4.1 - 4.2 | 4.5 - 5.5 | 8 | 1.8 | 7.2 | 4 | 9 | 1000 |
| SRHR-4080 | 4.1 - 4.2 | 5.5 - 6.5 | 8 | 1.8 | 8 | 4 | 9 | 1000 |
| SRHR-4100 | 4.1 - 4.2 | 7.5 - 8.5 | 8 | 1.8 | 10 | 4 | 11 | 1000 |

SLG/SLPL/SLPB

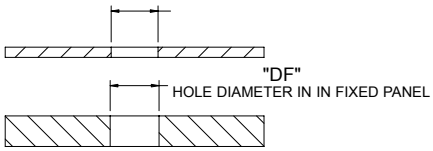
# Snap Latch

**Material: Plunger; UL94V2 Nylon 6, RMS-120,**
**Grommet; UL94 V2 Polycarbonate, RMS-72**

- To install, push the grommet into the removable panel and then the desired plunger into the grommet. When the panel and plunger are pushed into the fixed panel, it locks them together
- Simply pull on the plunger to remove the non-fixed panel
- Grommet and mating plunger are sold separately



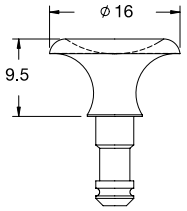



Mating Plunger Styles

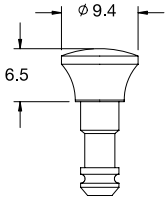
SLPL-1L ~ SLPL-2L

Easy Grip



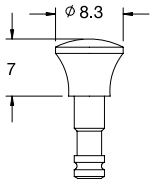

SLPB-1L ~ SLPB-2L

Mini Grip



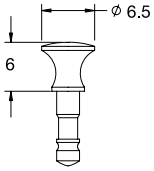

SLPB-1M ~ SLPB-3M

Mini Grip




SLPB-1S ~ SLPB-2S

Mini Grip




| Part Number | Color | "W" | "H" | "L" Ref. | Removable Panel Thickness "T" Max. | Total Panel Thickness "T1" Min. - Max. | Removable Panel Hole Ø Range"DR" | Fixed Panel Hole Ø Range "DF" | Mating Plunger Part No. | Alternate Mating Plunger Part No. | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SLG-1L-B | Black | 10.8 | 2 | 9 | 1.6 | 2 - 4.2 | 7.5 - 7.7 | 8 - 8.2 | SLPB-1L-B | SLPL-1L-B | 1000 |
| SLG-2L-B | Black | 10.8 | 2 | 10 | 2.5 | 3 - 5.2 | 7.5 - 7.7 | 8 - 8.2 | SLPB-2L-B | SLPL-2L-B | 1000 |
| SLG-1M-B | Black | 8.5 | 1.8 | 8 | 1.1 | 1.5 - 3.7 | 5.95 - 6.1 | 6.35 - 6.5 | SLPB-1M-B | - | 1000 |
| SLG-2M-B | Black | 8.5 | 1.8 | 8.5 | 1.6 | 2 - 4.2 | 5.95 - 6.1 | 6.35 - 6.5 | SLPB-2M-B | - | 1000 |
| SLG-3M-B | Black | 8.5 | 1.8 | 9.5 | 2.5 | 3 - 5.2 | 5.95 - 6.1 | 6.35 - 6.5 | SLPB-3M-B | - | 1000 |
| SLG-1S-B | Black | 6.5 | 1.2 | 7.6 | 1 | 2 - 4 | 4.5 - 4.6 | 4.7 - 4.8 | SLPB-1S-B | - | 1000 |
| SLG-2S-B | Black | 6.5 | 1.2 | 8.1 | 1.5 | 2.5 - 4.5 | 4.5 - 4.6 | 4.7 - 4.8 | SLPB-2S-B | - | 1000 |
| SLG-1L-W | White | 10.8 | 2 | 9 | 1.6 | 2 - 4.2 | 7.5 - 7.7 | 8 - 8.2 | SLPB-1L-W | SLPL-1L-W | 1000 |
| SLG-2L-W | White | 10.8 | 2 | 10 | 2.5 | 3 - 5.2 | 7.5 - 7.7 | 8 - 8.2 | SLPB-2L-W | SLPL-2L-W | 1000 |
| SLG-1M-W | White | 8.5 | 1.8 | 8 | 1.1 | 1.5 - 3.7 | 5.95 - 6.1 | 6.35 - 6.5 | SLPB-1M-W | - | 1000 |
| SLG-2M-W | White | 8.5 | 1.8 | 8.5 | 1.6 | 2 - 4.2 | 5.95 - 6.1 | 6.35 - 6.5 | SLPB-2M-W | - | 1000 |
| SLG-3M-W | White | 8.5 | 1.8 | 9.5 | 2.5 | 3 - 5.2 | 5.95 - 6.1 | 6.35 - 6.5 | SLPB-3M-W | - | 1000 |
| SLG-1S-W | White | 6.5 | 1.2 | 7.6 | 1 | 2 - 4 | 4.5 - 4.6 | 4.7 - 4.8 | SLPB-1S-W | - | 1000 |
| SLG-2S-W | White | 6.5 | 1.2 | 8.1 | 1.5 | 2.5 - 4.5 | 4.5 - 4.6 | 4.7 - 4.8 | SLPB-2S-W | - | 1000 |

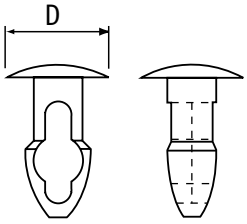
SR 1970

## Keyhole Clips

**Natural Nylon 6.6**

- Easy finger-pressure assembly
- Good electrical insulation
- Vibration, abrasion and corrosion resistant



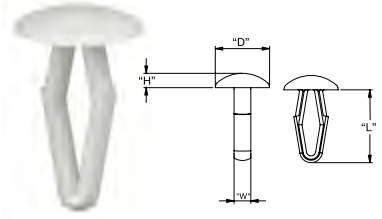



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | Hole Diameter (mm) | Maximum Panel Thickness | D | |
| 27KY1250093 | 3.18 | 2.36 | 6.35 | 1000 |
| 27KY1250125 | 3.18 | 3.18 | 6.35 | 1000 |
| 27KY1250156 | 3.18 | 3.96 | 6.35 | 1000 |
| 27KY1250187 | 3.18 | 4.78 | 6.35 | 1000 |
| 27KY1250219 | 3.18 | 5.56 | 6.35 | 1000 |
| 27KY1250250 | 3.18 | 6.35 | 6.35 | 1000 |
| 27KY1560093 | 3.96 | 2.36 | 7.94 | 1000 |
| 27KY1560125 | 3.96 | 3.18 | 7.94 | 1000 |
| 27KY1560156 | 3.96 | 3.96 | 7.94 | 1000 |
| 27KY1560187 | 3.96 | 4.75 | 7.94 | 1000 |
| 27KY1560250 | 3.96 | 6.35 | 7.94 | 1000 |
| 27KY1560375 | 3.96 | 9.53 | 7.94 | 1000 |
| 27KY2190093 | 5.56 | 2.36 | 8.73 | 1000 |
| 27KY2190125 | 5.56 | 3.18 | 8.73 | 1000 |
| 27KY2190187 | 5.56 | 4.78 | 8.73 | 1000 |
| 27KY2190219 | 5.56 | 5.56 | 8.73 | 1000 |
| 27KY2190250 | 5.56 | 6.35 | 8.73 | 1000 |
| 27KY2190312 | 5.56 | 7.92 | 8.73 | 1000 |
| 27KY2500093 | 6.35 | 2.36 | 12.7 | 1000 |
| 27KY2500125 | 6.35 | 3.18 | 12.7 | 1000 |
| 27KY2500156 | 6.35 | 3.96 | 12.7 | 1000 |
| 27KY2500250 | 6.35 | 6.35 | 12.7 | 1000 |
| 27KY2500281 | 6.35 | 7.14 | 12.7 | 1000 |
| 27KY2500375 | 6.35 | 9.53 | 12.7 | 1000 |

DF/DFVO

## Drive Fastener

**Color: Natural**




| UL94 HB Acetal, RMS-14 | UL94 V0 Nylon 6/6, RMS-19 | Hole Ø | Total Holding Thickness | "D" Ø | "H" | "L" REF. | "W" REF. | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| DF-137-010 | DFVO-137-010 | 3.2 | 1 - 4.5 | 8 | 1.5 | 13 | 2.7 | 1000 |
| DF-137-020 | DFVO-137-020 | 3.9 | 1 - 5 | 9 | 1.6 | 14 | 2.9 | 1000 |
| DF-137-030 | DFVO-137-030 | 4.7 | 1 - 5.5 | 10 | 1.7 | 15 | 3.4 | 1000 |
| DF-137-031 | DFVO-137-031 | 4.7 | 1 - 5.5 | 11 | 2.9 | 15 | 3.4 | 1000 |
| DF-137-040 | DFVO-137-040 | 6.4 | 1.5 - 6.5 | 12 | 2 | 17 | 3.9 | 1000 |
| DF-137-050 | DFVO-137-050 | 7.8 | 1.5 - 7 | 14 | 2.2 | 19 | 4.2 | 1000 |
| DF-137-060 | DFVO-137-060 | 5.5 | 6 - 9 | 12 | 2 | 17.5 | 3.8 | 1000 |

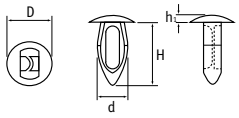
SR 1969

## Arrow Clips

**Natural Nylon 6.6**

- Good electrical insulation
- Vibration, abrasion and corrosion resistant



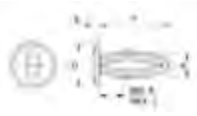



| Part Number | Panel Hole Dia (mm) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | Panel Thickness (mm) | D | $h_1$ | H | d | |
| 27AC0022 | 2.16-2.29 | 0.81-2.72 | 3.18 | 0.76 | 4.75 | 2.72 | 1000 |
| 27AC0015 | 3.00-3.10 | 1.57-3.18 | 7.11 | 1.52 | 9.91 | 3.71 | 1000 |
| 460389 | 3.02-3.43 | 1.58-3.18 | 6.86 | 1.01 | 8.38 | 3.56 | 1000 |
| 27AC0003 | 3.84-4.09 | 1.57-3.18 | 7.11 | 1.02 | 9.91 | 4.98 | 1000 |
| 27AC0004 | 3.84-4.09 | 1.57-3.68 | 7.11 | 2.03 | 10.16 | 4.57 | 1000 |
| 27AC0018 | 4.06-4.19 | 0.81-3.18 | 7.11 | 2.03 | 10.16 | 4.72 | 1000 |
| 460393 | 4.62-4.88 | 1.57-3.18 | 9.14 | 1.52 | 10.16 | 5.72 | 1000 |
| 27AC0011 | 4.62-4.88 | 4.19-4.70 | 9.53 | 1.52 | 13.33 | 5.23 | 1000 |
| 27AC0019 | 8.38-8.64 | 3.18-8.88 | 17.45 | 0.75 | 22.74 | 9.4 | 1000 |
| 27AC0023 | 8.51-8.76 | 1.57-3.56 | 22.0 | 1.27 | 11.43 | 9.22 | 1000 |

SR 5742

## Drive Fastener

**POM**





- Natural or Black
- Each type is suitable for mutliple sheet thickness
- Connecting, mounting and fasteneing is feasible without tools

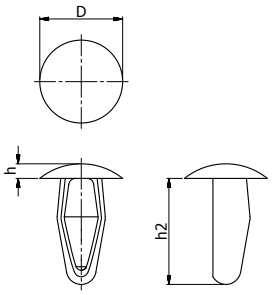
| Part Number | Colour | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | |
| 137000800005 | Natural | 3.2 | 1 | 4.5 | 8 | 1.5 | 13 | 500 |
| 137000859905 | Black | 3.2 | 1 | 4.5 | 8 | 1.5 | 13 | 500 |
| 137001000005 | Natural | 3.3 | 1 | 4.5 | 8 | 1.5 | 13 | 500 |
| 137001059905 | Black | 3.3 | 1 | 4.5 | 8 | 1.5 | 13 | 500 |
| 137002000005 | Natural | 3.9 | 1 | 5.0 | 9 | 1.6 | 14 | 500 |
| 137002059905 | Black | 3.9 | 1 | 5.0 | 9 | 1.6 | 14 | 500 |
| 137003000005 | Natural | 4.7 | 1 | 5.5 | 10 | 1.7 | 15 | 500 |
| 137003059905 | Black | 4.7 | 1 | 5.5 | 10 | 1.7 | 15 | 500 |
| 137003100005 | Natural | 4.7 | 1 | 5.5 | 10 | 3.0 | 15 | 500 |
| 137003159905 | Black | 4.7 | 1 | 5.5 | 10 | 3.0 | 15 | 500 |
| 137004000005 | Natural | 6.4 | 1.5 | 6.5 | 12 | 2.0 | 17 | 500 |
| 137004059905 | Black | 6.4 | 1.5 | 6.5 | 12 | 2.0 | 17 | 500 |
| 137005000005 | Natural | 7.8 | 1.5 | 7.0 | 14 | 2.4 | 19 | 500 |
| 137005059905 | Black | 7.8 | 1.5 | 7.0 | 14 | 2.4 | 19 | 500 |
| 137006000005 | Natural | 5.5 | 6 | 9.0 | 12 | 2.0 | 18 | 500 |
| 137006059905 | Black | 5.5 | 6 | 9.0 | 12 | 2.0 | 18 | 500 |

SR 1964

## Mounting Buttons

**Nylon 6.6**

- Ideal to fasten thin gauge material, or mount lightweight components
- Suitable for front panel mounting





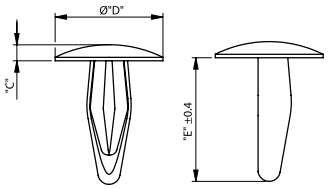

| Part Number | | Hole Size | Panel | Dimensions (mm) | | | Std Pack |
|---|---|---|---|---|---|---|---|
| Natural | Black | (mm) | Thickness (mm) | D | $h_2$ | h | Qty |
| 091000000002 | 091000059902 | 2.8 | 0.8 - 3.6 | 7.8 | 12.0 | 1.2 | 500 |
| 091000100002 | 091000159902 | 3.5 | 2.4 - 5.8 | 7.6 | 13.0 | 1.1 | 500 |
| 091000200002 | 091000259902 | 3.5 | 0.9 - 4.0 | 10.3 | 11.0 | 2.5 | 500 |
| 091000300002 | 091000359902 | 3.5 | 0.9 - 4.0 | 10.3 | 11.0 | 4.8 | 500 |
| 091000600002 | 091000659902 | 4.8 | 0.8 - 4.0 | 9.5 | 11.0 | 1.5 | 500 |
| 091000400002 | 091000459902 | 5.0 | 1.5 - 3.5 | 9.5 | 11.0 | 1.6 | 500 |
| 091000700002 | 091000769902 | 5.0 | 3.0 - 6.0 | 13.8 | 14.4 | 2.2 | 250 |
| 091001000002 | 091001069902 | 5.0 | 0.5 - 3.0 | 13.5 | 14.4 | 2.6 | 250 |
| 091001200002 | 091001259902 | 5.8 | 6.0 - 8.5 | 15.0 | 18.0 | 3.0 | 250 |
| 091001100002 | 091001159902 | 6.5 | 3.0 - 7.0 | 14.0 | 19.0 | 2.5 | 250 |
| 091001300002 | 091001359902 | 6.6 | 0.8 - 5.0 | 12.7 | 14.5 | 1.7 | 250 |
| 091001500002 | 091001559902 | 7.2 | 2.0 - 5.5 | 14.3 | 17.0 | 2.0 | 250 |
| 091001650002 | 091001659902 | 9.4 | 3.0 - 9.0 | 20.0 | 24.0 | 2.6 | 250 |

MMB

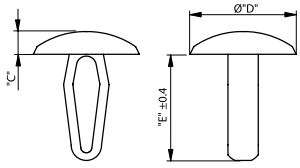
## Mini Mounting Button

**UL94 V2 Nylon 6/6, RMS-01**

Type 1




Type 2





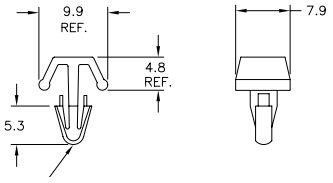

| Part Number | | Mounting Hole Ø | Total Holding Thickness | "C" | "D" Ø | "E" | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Natural | Black | | | | | | | |
| MMB-125-01 | MMB-125-01BK | 3.10-3.22 | 2-2.5 | 1 | 6.9 | 8.4 | 1 | 1000 |
| MMB-136-01 | MMB-136-01BK | 3.32-3.58 | 2.9-4 | 1.7 | 10.3 | 11.1 | 1 | 1000 |
| MMB-187-01 | MMB-187-01BK | 4.61-4.88 | 2.5-4 | 2.2 | 12.7 | 10.9 | 1 | 1000 |
| MMB-210-01 | MMB-210-01BK | 5-5.4 | 2.5-4 | 3 | 14 | 14 | 2 | 1000 |
| MMB-250-01 | MMB-250-01BK | 6.27-6.42 | 2.5-5.6 | 2.2 | 12.7 | 16.3 | 1 | 1000 |

MB

## Flat Head Mounting Button

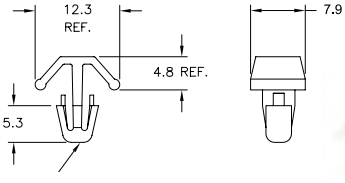
**Natural UL94 V2 Nylon 6/6, RMS-01**

Type 1




To Snap-Lock in a ø4 Hole

Type 2




To Snap-Lock in a ø4.8 Hole



| Type 1 | Type 2 | Total Holding Thickness | Std Pack Qty |
|---|---|---|---|
| MB-1-156 | MB-1-187 | 0.8 - 2.4 | 1000 |
| MB-3-156 | MB-3-187 | 2.4 - 4 | 1000 |
| MB-5-156 | MB-5-187 | 4 - 5.6 | 1000 |
| MB-7-156 | - | 5.6 - 7.1 | 1000 |
| MB-9-156 | MB-9-187 | 7.1 - 8.7 | 1000 |
| MB-11-156 | MB-11-187 | 8.7 - 10.3 | 1000 |

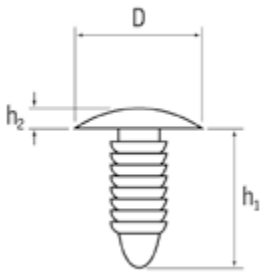
SR 1965

# Barbed Push Fasteners

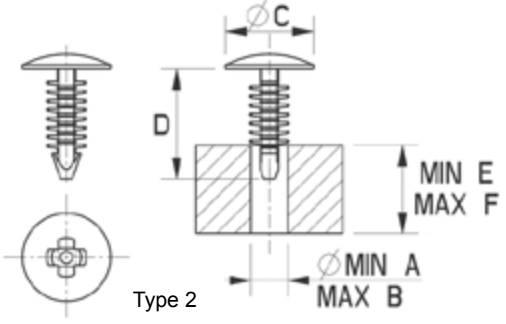
**Nylon or Polypropylene**

- Ideal for threaded, non-threaded, drilled or punched holes
- Some sizes now available in high clarity polypropylene




Type 1



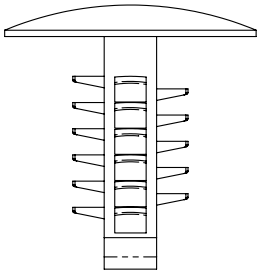

Type 2

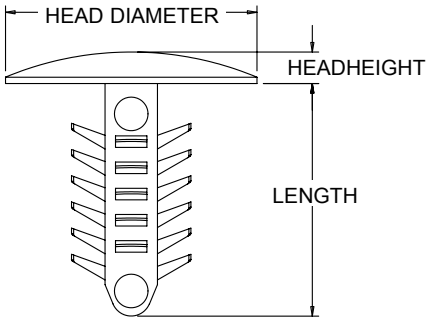
| Part Number | | Hole Diameter (mm) | Maximum Panel Thickness (mm) | D (mm) | $h_1$ (mm) | $h_2$ (mm) | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black (Nylon6.6) | Natural (Nylon 6) | | | | | | | |
| 167201569902 | 167201500002 | 2.7 - 3.3 | 1.5 - 8.0 | 6.0 | 11.0 | 0.9 | 1 | 100 |
| 167202069902 | 167202000002 | 2.7 - 3.3 | 1.5 - 15.0 | 6.0 | 18.0 | 0.9 | 1 | 100 |
| 468809 | 468833 | 3.0 - 3.2 | 4.0-16.5 | 5.5 | 18.5 | 1.0 | 1 | 1000 |
| 468811 | 468835 | 3.5 | 0.7-5.0 | 9.1 | 9.5 | 1.5 | 1 | 1000 |
| 167204569902 | 167204500002 | 4.1 - 5.2 | 1.5 - 5.5 | 12.0 | 10.0 | 1.2 | 2 | 100 |
| 460436 | - | 4.8 | 0.6-9.23 | 9.5 | 12.7 | 1.8 | 1 | 1000 |
| 460437 | - | 4.8 | 0.8-8.4 | 11.1 | 14.3 | 1.7 | 1 | 1000 |
| 468813 | 468837 | 4.8 | 0.7-13.0 | 11.0 | 17.3 | 1.7 | 1 | 1000 |
| 463609 | - | 4.9 | 2.4-7.4 | 11.2 | 12.5 | 1.1 | 1 | 100 |
| 468814 | 468838 | 5 | 1.2-6.0 | 16.0 | 11 | 2.0 | 1 | 1000 |
| 468815 | 468839 | 5 | 1.7-8.0 | 11.0 | 12.7 | 1.0 | 1 | 1000 |
| 167206569902 | 167206500002 | 5.6 - 6.4 | 1.5 - 15.0 | 13.0 | 20.0 | 1.5 | 1 | 100 |
| 167207069902 | 167207000002 | 5.6 - 6.4 | 1.0 - 27.0 | 13.0 | 32.0 | 1.5 | 1 | 100 |
| 167209069902 | 167209000002 | 5.9 - 7.2 | 2.0 - 19.0 | 14.0 | 24.0 | 1.2 | 1 | 100 |
| 468816 | 468840 | 6 | 2.0-8.0 | 15.5 | 12.7 | 1.0 | 1 | 1000 |
| 468817 | 468841 | 6 | 2.5-8.0 | 16.0 | 15 | 2.0 | 1 | 1000 |
| 468819 | 468843 | 6 | 3.5-19.0 | 12.7 | 24 | 1.5 | 1 | 1000 |
| 468820 | 468844 | 6.0-6.3 | 2.3-8.9 | 17.8 | 15.5 | 2.4 | 1 | 1000 |
| 468821 | 468845 | 6.0-6.3 | 2.5-12.0 | 17.8 | 20.4 | 2.5 | 1 | 1000 |
| 460439 | - | 6.35 | 2.7-7.6 | 17.8 | 11.1 | 2.5 | 1 | 1000 |
| 460440 | - | 6.35 | 3.8-13.5 | 17.8 | 18.9 | 2.7 | 1 | 1000 |
| 468824 | 468848 | 6.4 | 2.7-7.3 | 19.1 | 15.9 | 0.8 | 1 | 1000 |
| 468826 | 468850 | 7 | 2.0-25.0 | 30.0 | 34.8 | 2.2 | 1 | 1000 |
| 468828 | 468852 | 7.0-7.2 | 2.4-11.9 | 15.9 | 18.9 | 1.0 | 1 | 1000 |
| 460441 | - | 7.8 | 2.4-12.7 | 15.9 | 22.6 | 2.8 | 1 | 1000 |
| 495230 | 495232 | 7.2 | 1.5 - 14.0 | 19.0 | 21.2 | 2.4 | 1 | 1000 |
| 495231 | 495233 | 7.2 | 1.5 - 25.4 | 19.0 | 30.5 | 2.0 | 1 | 1000 |
| 468799 | - | 7.5 | 2.7-17.0 | 19.0 | 21 | 2.0 | 1 | 1000 |
| 468829 | 468853 | 8 | 3.3-12.7 | 12.7 | 16.8 | 1.5 | 1 | 1000 |
| 468830 | - | 8.7 | 1.4-13.0 | 16.0 | 19.1 | 2.3 | 1 | 1000 |
| 468831 | 468855 | 10 | 1.5-20.0 | 21.8 | 28.2 | 3.5 | 1 | 1000 |

RBF

# Barbed Fasteners

**Black UL94 V2 Nylon 6/6, RMS-01**








| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Hole Ø | Head Ø | Suggested Total Board Thickness | Head Height | Length | |
| RBF-4-8.6-8 | 4 | 8 | 2.1 - 4.3 | 1 | 8.6 | 1000 |
| RBF-4-11.1-8 | 4 | 8 | 2.1 - 7.2 | 1 | 11.1 | 1000 |
| RBF-4-15-8 | 4 | 8 | 5.7 - 10.7 | 1 | 15 | 1000 |
| RBF-4-8.6-12 | 4 | 12 | 2.1 - 4.3 | 1.5 | 8.6 | 1000 |
| RBF-4-11.1-12 | 4 | 12 | 2.1 - 7.2 | 1.5 | 11.1 | 1000 |
| RBF-4-15-12 | 4 | 12 | 5.7 - 10.7 | 1.5 | 15 | 1000 |
| RBF-4-8.6-16 | 4 | 16 | 2.1 - 4.3 | 2 | 8.6 | 1000 |
| RBF-4-11.1-16 | 4 | 16 | 2.1 - 7.2 | 2 | 11.1 | 1000 |
| RBF-4-15-16 | 4 | 16 | 5.7 - 10.7 | 2 | 15 | 1000 |
| RBF-4.8-8.6-8 | 4.76 | 8 | 2.1 - 4.3 | 1 | 8.6 | 1000 |
| RBF-4.8-11.1-8 | 4.76 | 8 | 2.1 - 7.2 | 1 | 11.1 | 1000 |
| RBF-4.8-15-8 | 4.76 | 8 | 5.7 - 10.7 | 1 | 15 | 1000 |
| RBF-4.8-8.6-12 | 4.76 | 12 | 2.1 - 4.3 | 1.5 | 8.6 | 1000 |
| RBF-4.8-11.1-12 | 4.76 | 12 | 2.1 - 7.2 | 1.5 | 11.1 | 1000 |
| RBF-4.8-15-12 | 4.76 | 12 | 5.7 - 10.7 | 1.5 | 15 | 1000 |
| RBF-4.8-8.6-16 | 4.76 | 16 | 2.1 - 4.3 | 2 | 8.6 | 1000 |
| RBF-4.8-11.1-16 | 4.76 | 16 | 2.1 - 7.2 | 2 | 11.1 | 1000 |
| RBF-4.8-15-16 | 4.76 | 16 | 5.7 - 10.7 | 2 | 15 | 1000 |
| RBF-6.4-8.6-8 | 6.35 | 8 | 2.1 - 4.3 | 1 | 8.6 | 1000 |
| RBF-6.4-11.1-8 | 6.35 | 8 | 2.1 - 7.2 | 1 | 11.1 | 1000 |
| RBF-6.4-15-8 | 6.35 | 8 | 5.7 - 10.7 | 1 | 15 | 1000 |
| RBF-6.4-8.6-12 | 6.35 | 12 | 2.1 - 4.3 | 1.5 | 8.6 | 1000 |
| RBF-6.4-11.1-12 | 6.35 | 12 | 2.1 - 7.2 | 1.5 | 11.1 | 1000 |
| RBF-6.4-8.6-16 | 6.35 | 16 | 2.1 - 4.3 | 2 | 8.6 | 1000 |
| RBF-6.4-11.1-16 | 6.35 | 16 | 2.1 - 7.2 | 2 | 11.1 | 1000 |
| RBF-6.4-15-16 | 6.35 | 16 | 5.7 - 10.7 | 2 | 15 | 1000 |
| RBF-7.1-15-8 | 7.14 | 8 | 3.8 - 10.7 | 1 | 15 | 1000 |
| RBF-7.1-19-8 | 7.14 | 8 | 6.9 - 14.2 | 1 | 19 | 1000 |
| RBF-7.1-11.1-12 | 7.14 | 12 | 2.1 - 7.2 | 1.5 | 11.1 | 1000 |
| RBF-7.1-15-12 | 7.14 | 12 | 3.8 - 10.7 | 1.5 | 15 | 1000 |
| RBF-7.1-19-12 | 7.14 | 12 | 6.9 - 14.2 | 1.5 | 19 | 1000 |
| RBF-7.1-11.1-16 | 7.14 | 16 | 2.1 - 7.2 | 2 | 11.1 | 1000 |
| RBF-7.1-15-16 | 7.14 | 16 | 3.8 - 10.7 | 2 | 15 | 1000 |
| RBF-7.1-19-16 | 7.14 | 16 | 6.9 - 14.2 | 2 | 19 | 1000 |

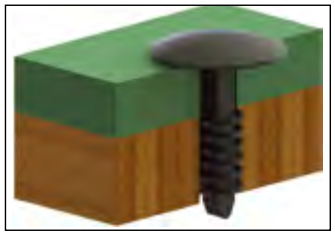
XT Series

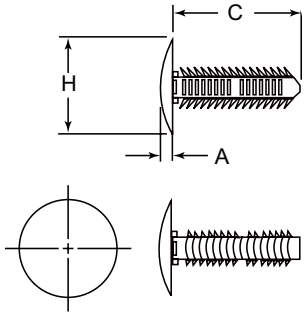
# Xmas Tree Clip Fasteners

**Black UL94 V2 Nylon 6/6**

- Ribbed design ensures fast & easy installation while securely holding into various materials like wood, metal, foam, rubber, & plastic
- When pushed into a hole the flexible ribs deflect then spring back to lock securely in place







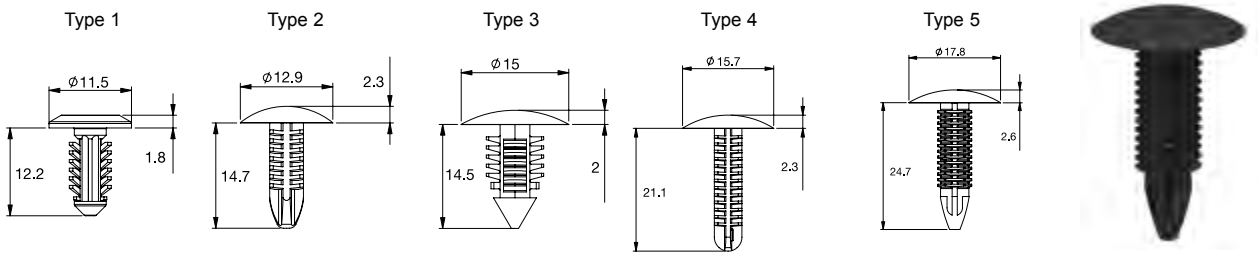

| Part Number | Hole Dia.( mm) | Panel Thickness (mm) | Dimension (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | | H | C | A | |
| 27XT1250125 | 3.2 | 1.6-3.2 | 8.7 | 5.3 | 1.6 | 1,000 |
| 27XT1250250 | 3.2 | 1.6-6.4 | 8.7 | 8.2 | 1.6 | 1,000 |
| 27XT1250375 | 3.2 | 1.6-9.5 | 8.7 | 11.6 | 1.6 | 1,000 |
| 27XT1880250 | 4.8 | 1.6-6.4 | 12.7 | 8.8 | 2 | 1,000 |
| 27XT1880375 | 4.8 | 1.6-9.5 | 12.7 | 12 | 2 | 1,000 |
| 27XT1880500 | 4.8 | 1.6-12.7 | 12.7 | 15.2 | 2 | 1,000 |
| 27XT1880625 | 4.8 | 1.6-15.9 | 12.7 | 18.4 | 2 | 1,000 |
| 27XT1880750 | 4.8 | 1.6-19.1 | 12.7 | 21.5 | 2 | 1,000 |
| 27XT2500250 | 6.4 | 1.6-6.4 | 17.8 | 9.9 | 2.5 | 1,000 |
| 27XT2500375 | 6.4 | 1.6-9.5 | 17.8 | 12.9 | 2.5 | 1,000 |
| 27XT2500500 | 6.4 | 1.6-12.7 | 17.8 | 16 | 2.5 | 1,000 |
| 27XT2500625 | 6.4 | 1.6-15.9 | 17.8 | 19.2 | 2.5 | 1,000 |
| 27XT2500750 | 6.4 | 1.6-19.1 | 17.8 | 22.4 | 2.5 | 1,000 |
| 27XT2500875 | 6.4 | 1.6-22.2 | 17.8 | 25.5 | 2.5 | 1,000 |
| 27XT2501000 | 6.4 | 1.6-25.4 | 17.8 | 28.4 | 2.5 | 1,000 |
| 27XT2501250 | 6.4 | 1.6-31.8 | 17.8 | 35.1 | 2.5 | 1,000 |
| 27XT2501500 | 6.4 | 1.6-38.1 | 17.8 | 41.5 | 2.5 | 1,000 |
| 27XT2501750 | 6.4 | 1.6-44.45 | 17.8 | 47.8 | 2.5 | 1,000 |
| 27XT2502000 | 6.4 | 1.6-50.8 | 20 | 54.2 | 2.5 | 1,000 |
| 27XT2810250 | 7.1 | 1.6-6.4 | 20 | 9.8 | 2.5 | 1,000 |
| 27XT2810375 | 7.1 | 1.6-9.5 | 20 | 13.1 | 2.5 | 1,000 |
| 27XT2810500 | 7.1 | 1.6-12.7 | 20 | 16.3 | 2.5 | 1,000 |
| 27XT2810625 | 7.1 | 1.6-15.9 | 20 | 19.5 | 2.5 | 1,000 |
| 27XT2810750 | 7.1 | 1.6-19.1 | 20 | 22.7 | 2.5 | 1,000 |
| 27XT2810875 | 7.1 | 1.6-22.2 | 20 | 25.9 | 2.5 | 1,000 |
| 27XT2811000 | 7.1 | 1.6-25.4 | 20 | 29.1 | 2.5 | 1,000 |
| 27XT2811250 | 7.1 | 1.6-31.8 | 20 | 35.6 | 2.5 | 1,000 |
| 27XT2811500 | 7.1 | 1.6-38.1 | 20 | 41.9 | 2.5 | 1,000 |
| 27XT2811750 | 7.1 | 1.6-44.5 | 20 | 48.3 | 2.5 | 1,000 |
| 27XT3120250 | 7.9 | 1.6-6.35 | 22.2 | 10.4 | 2.5 | 1,000 |
| 27XT3120375 | 7.9 | 1.6-9.53 | 22.2 | 13.4 | 2.5 | 1,000 |
| 27XT3120625 | 7.9 | 1.6-15.9 | 22.2 | 19.9 | 2.5 | 1,000 |
| 27XT3120750 | 7.9 | 1.6-19.1 | 22.2 | 22.7 | 2.5 | 1,000 |
| 27XT3120875 | 7.9 | 1.6-22.2 | 22.2 | 26.3 | 2.5 | 1,000 |
| 27XT3121000 | 7.9 | 1.6-25.4 | 22.2 | 29.5 | 2.5 | 1,000 |
| 27XT3121250 | 7.9 | 1.6-31.8 | 22.2 | 36 | 2.5 | 1,000 |
| 27XT3121500 | 7.9 | 1.6-38.1 | 22.2 | 42.4 | 2.5 | 1,000 |
| 27XT3750250 | 9.5 | 1.6-6.35 | 25.4 | 11.3 | 2.5 | 1,000 |
| 27XT3750500 | 9.5 | 1.6-9.53 | 25.4 | 17.5 | 2.5 | 1,000 |

BPF

## Barbed Push Fastener

**Black**

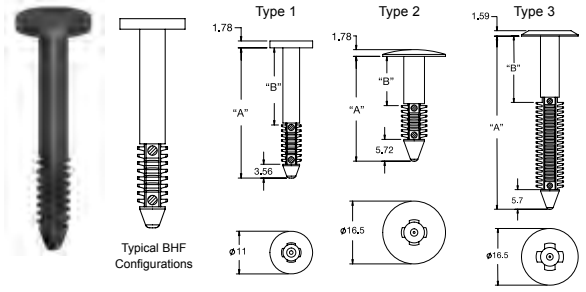
| Part Number | Material | Hole Ø (mm) | Total Holding Thickness (mm) | Type | Std Pack Qty |
|---|---|---|---|---|---|
| BPF-A414 | UL94 V0, RMS-19 | 4.7 | 0.8 - 3 | 1 | 1000 |
| BPF-F4410 | UL94 V2, RMS-01 | 5 | 1.5 - 7.5 | 2 | 1000 |
| BPF-F2495 | UL94 V0, RMS-19 | 7 | 3.2 - 6 | 3 | 1000 |
| BPF-F3T31 | UL94 V0, RMS-19 | 5 | 2 - 10 | 4 | 1000 |
| BPF-F1G12 | UL94 V0, RMS-19 | 7 | 2 - 15 | 5 | 1000 |




BHF

## Blind Hole Fasteners

**Black Nylon 6/6 UL94 V2, RMS-01**

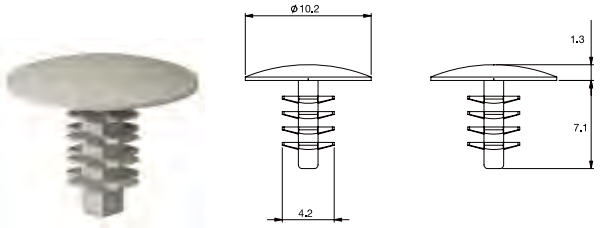



| Part Number | Dimensions (mm) | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| | "A" | "B" REF. | Suggested Total Board Thickness | Hole Ø | | |
| BHF-1 | 14.2 | 0.5 | 0.9 - 9.8 | 4.75 | 1 | 1000 |
| BHF-2 | 16.5 | 2.8 | 3.2 - 12.1 | 4.75 | 1 | 1000 |
| BHF-3 | 24.1 | 10.4 | 10.8 - 19.7 | 4.75 | 1 | 1000 |
| BHF-4 | 33.7 | 19.9 | 20.3 - 29.2 | 4.75 | 1 | 1000 |
| BHF-5 | 15.1 | 0.5 | 0.9 - 8.5 | 6.35 | 2 | 1000 |
| BHF-7 | 22.5 | 7.9 | 8.3 - 15.9 | 6.35 | 2 | 1000 |
| BHF-8 | 27.6 | 12.9 | 13.3 - 21 | 6.35 | 2 | 1000 |
| BHF-10 | 28.8 | 11.7 | 12.2 - 22.2 | 7.14 | 3 | 1000 |
| BHF-11 | 32.6 | 1.5 | 1.9 - 26 | 7.14 | 3 | 1000 |
| BHF-12 | 37.7 | 6.6 | 7 - 31.1 | 7.14 | 3 | 1000 |
| BHF-13 | 45.3 | 14.2 | 14.6 - 38.7 | 7.14 | 3 | 1000 |
| BHF-14 | 50.8 | 19.3 | 19.7 - 43.8 | 7.14 | 3 | 1000 |

PFP

## Press Fit Pin

**Natural Nylon 6/6, RMS-01**



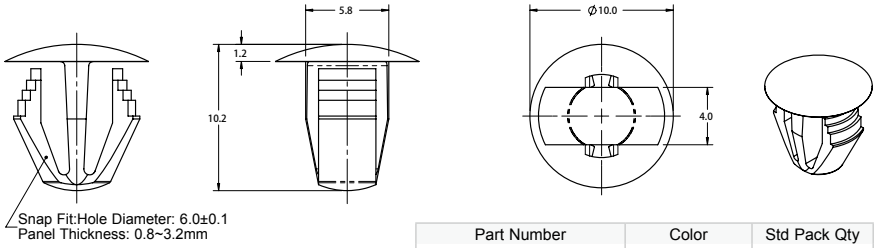

| Part Number | Hole Ø (mm) | Panel Thickness Material (mm) | Std Pack Qty |
|---|---|---|---|
| PFP-7-01 | 3.5 ± .05 | 6.35 Min. | 1000 |

SBA

## Snap Button

**UL94 V2 Nylon 6/6,RMS-01**





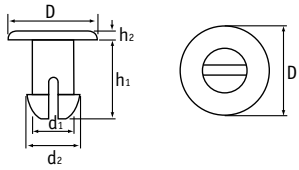

| Part Number | Color | Std Pack Qty |
|---|---|---|
| SBA-1-01BK | Black | 1000 |
| SBA-1-01GY | Grey | 1000 |

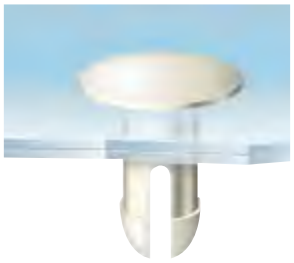
SR 1968

## Push-In Fasteners

**Natural Nylon 6.6**

- Lock into pre-punched panels
- Vibration, abrasion and corrosion resistant



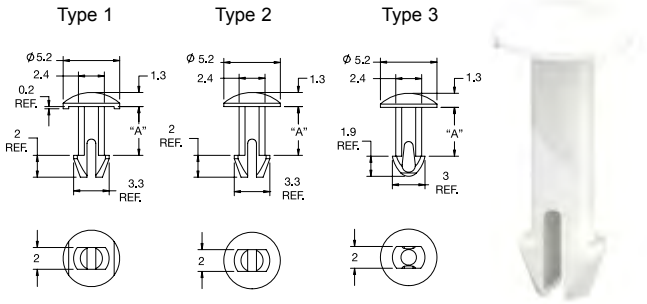



| Part Number | Hole Ø (mm) | Maximum Panel Thickness | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | d1 | d2 | D | h2 | h1 | |
| 27PIF0036 | 2.3-2.4 | 1.7 | 2.3 | 2.7 | 4.7 | 1.0 | 3.6 | 1,000 |
| 27PIF0041 | 2.3-3.0 | 3.1 | 2.3 | 3.7 | 8.0 | 1.0 | 5.2 | 1,000 |
| 2010590000VR | 2.3-2.4 | 3.7 | 2.3 | 2.7 | 4.8 | 1.1 | 5.4 | 1,000 |
| 27PIF0040 | 2.4-2.5 | 2.4 | 2.4 | 2.7 | 7.0 | 1.0 | 4.2 | 1,000 |
| 27PIF0039 | 2.4-3.0 | 2.9 | 2.4 | 3.7 | 6.4 | 1.0 | 5.1 | 1,000 |
| 27PIF0056 | 2.4-2.8 | 8.0 | 2.4 | 3.4 | 3.6 | 1.5 | 10.0 | 1,000 |
| 27PIF0047 | 3.0-3.2 | 3.1 | 3.0 | 3.7 | 5.2 | 1.0 | 6.2 | 1,000 |
| 27PIF0044 | 3.0-3.1 | 3.5 | 3.0 | 3.6 | 5.2 | 1.0 | 6.8 | 1,000 |
| 27PIF0043 | 3.0-3.1 | 4.0 | 3.0 | 3.6 | 5.2 | 0.8 | 7.6 | 1,000 |
| 2010130000VR | 3.0-3.1 | 6.0 | 3.2 | 3.5 | 5.2 | 1.0 | 7.8 | 1,000 |
| 27PIF0046 | 3.0-3.2 | 6.4 | 3.0 | 3.7 | 5.2 | 1.1 | 9.2 | 1,000 |
| 27PIF0077 | 3.0-3.2 | 8.1 | 3.0 | 3.7 | 6.0 | 0.8 | 10.2 | 1,000 |
| 27PIF0075 | 3.0-3.2 | 14.0 | 3.0 | 3.7 | 6.4 | 1.5 | 17.5 | 1,000 |
| 27PIF0042 | 3.3-3.8 | 4.8 | 3.3 | 4.6 | 5.2 | 1.0 | 7.1 | 1,000 |
| 27PIF0095 | 3.7-4.5 | 3.3 | 3.7 | 5.2 | 15.0 | 1.3 | 6.5 | 1,000 |
| 27PIF0048 | 3.8-4.6 | 8.0 | 3.8 | 5.3 | 9.9 | 1.5 | 10.9 | 1,000 |
| 27PIF0049 | 4.1-4.4 | 11.4 | 4.1 | 5.1 | 8.7 | 1.8 | 15.5 | 1,000 |
| 27PIF0051 | 4.2-4.4 | 1.7 | 4.2 | 5.1 | 8.7 | 3.0 | 5.3 | 1,000 |
| 27PIF0050 | 4.2-4.4 | 3.4 | 4.2 | 5.1 | 8.7 | 1.0 | 6.8 | 1,000 |
| 2010990000VR | 4.4-4.7 | 4.6 | 4.5 | 5.6 | 10.0 | 1.4 | 8.6 | 1,000 |
| 2010190000VR | 4.4-4.8 | 6.3 | 4.4 | 5.7 | 8.7 | 1.7 | 10.8 | 1,000 |
| 27PIF0052 | 4.6-4.8 | 14.1 | 4.6 | 5.7 | 8.7 | 1.8 | 18.0 | 1,000 |
| 27PIF0037 | 4.6-4.8 | 16.2 | 4.6 | 5.6 | 9.5 | 1.5 | 20.0 | 1,000 |
| 2010760000VR | 5.0-5.3 | 3.3 | 5.0 | 6.0 | 12.0 | 3.0 | 7.1 | 1,000 |
| 27PIF0060 | 5.1-5.2 | 4.0 | 5.1 | 5.8 | 12.0 | 1.3 | 7.7 | 1,000 |
| 27PIF0061 | 5.2-5.3 | 9.5 | 5.2 | 6.0 | 8.7 | 1.0 | 13.0 | 1,000 |
| 2010240000VR | 5.8-6.5 | 44.0 | 5.8 | 7.5 | 10.0 | 1.8 | 49.2 | 1,000 |
| 2010860000VR | 6.1-6.4 | 4.0 | 6.1 | 7.1 | 12.7 | 1.4 | 8.5 | 1,000 |
| 27PIF0087 | 6.1-6.4 | 4.8 | 6.1 | 7.1 | 12.7 | 1.5 | 9.3 | 1,000 |
| 27PIF0088 | 6.1-6.3 | 5.6 | 6.1 | 7.0 | 12.7 | 1.5 | 10.5 | 1,000 |
| 27PIF0089 | 6.1-6.4 | 6.3 | 6.1 | 7.2 | 12.7 | 1.6 | 10.8 | 1,000 |
| 27PIF0063 | 6.1-6.5 | 7.0 | 6.1 | 7.5 | 11.5 | 1.0 | 11.8 | 1,000 |
| 27PIF0091 | 6.1-6.4 | 8.0 | 6.1 | 7.1 | 12.7 | 1.5 | 12.4 | 1,000 |
| 27PIF0066 | 6.1-6.5 | 8.4 | 6.1 | 7.5 | 11.5 | 1.6 | 13.1 | 1,000 |
| 27PIF0092 | 6.1-6.4 | 8.8 | 6.1 | 7.1 | 12.7 | 1.5 | 13.2 | 1,000 |
| 27PIF0093 | 6.1-6.4 | 9.5 | 6.1 | 7.1 | 12.7 | 1.6 | 13.8 | 1,000 |
| 27PIF0098 | 6.1-6.4 | 11.1 | 6.1 | 7.1 | 12.7 | 1.5 | 15.6 | 1,000 |
| 27PIF0096 | 6.1-6.4 | 11.8 | 6.1 | 7.1 | 12.7 | 1.4 | 16.4 | 1,000 |
| 27PIF0097 | 6.1-6.4 | 12.7 | 6.1 | 7.1 | 12.7 | 1.5 | 17.1 | 1,000 |
| 27PIF0084 | 6.2-6.4 | 2.5 | 6.2 | 7.1 | 12.7 | 1.5 | 6.9 | 1,000 |
| 2010270000VR | 6.2-6.6 | 6.3 | 6.2 | 7.6 | 15.0 | 1.5 | 11.1 | 1,000 |
| 27PIF0072 | 6.2-6.6 | 9.5 | 6.2 | 7.6 | 15.0 | 1.5 | 14.3 | 1,000 |
| 27PIF0065 | 6.2-6.6 | 12.2 | 6.2 | 7.6 | 15.0 | 1.4 | 16.9 | 1,000 |
| 27PIF0054 | 6.5-6.7 | 5.0 | 6.5 | 7.5 | 8.7 | 0.8 | 9.0 | 1,000 |
| 27PIF0067 | 6.6-6.8 | 4.3 | 6.6 | 7.6 | 12.7 | 1.5 | 9.1 | 1,000 |
| 27PIF0074 | 7.0-7.2 | 10.3 | 7.0 | 8.0 | 15.0 | 1.4 | 14.4 | 1,000 |
| 27PIF0057 | 7.7-8.7 | 3.0 | 7.7 | 9.6 | 11.1 | 1.9 | 9.5 | 1,000 |

SLP

## Snap Lock Pin

**Material: Nylon 6/6, RMS-01 Color: Natural**

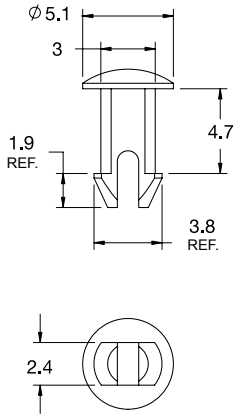



| Part Number | | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Fig. 1 | Fig. 2 | Fig. 3 | "A" | Hole Ø | |
| SLP100-177-01 | SLP-1-177-01 | SLP-2-177-01 | 4.5 | 2.5±0.05 | 1000 |
| SLP100-221-01 | SLP-1-221-01 | SLP-2-221-01 | 5.6 | 2.5±0.05 | 1000 |
| SLP100-245-01 | SLP-1-245-01 | SLP-2-245-01 | 6.2 | 2.5±0.05 | 1000 |
| SLP100-307-01 | SLP-1-307-01 | SLP-2-307-01 | 7.8 | 2.5±0.05 | 1000 |
| SLP100-316-01 | SLP-1-316-01 | SLP-2-316-01 | 8 | 2.5±0.05 | 1000 |
| SLP100-330-01 | SLP-1-330-01 | SLP-2-330-01 | 8.4 | 2.5±0.05 | 1000 |
| SLP100-413-01 | SLP-1-413-01 | SLP-2-413-01 | 10.5 | 2.5±0.05 | 1000 |
| SLP100-638-01 | SLP-1-638-01 | SLP-2-638-01 | 16.2 | 2.5±0.05 | 1000 |

SLP125

## Snap Lock Pin

**Material: UL94 V2 Nylon 6/6, RMS-01**
**Color: Natural**






| Part Number | Hole Ø | Std Pack Qty |
|---|---|---|
| SLP125-187-01 | 3.18 | 1000 |

ESSENTRA COMPONENTS



# FASTENER MATERIALS SELECTION GUIDE

Material is a critical factor in delivering successful projects, from creating point of sale displays to building a new electrical cabinet. With fasteners available in a vast range of materials, it can be hard to pick a perfect fixing solution for your application.

Our guide offers advice on choosing the appropriate fastening material based on your specific application and environment.

So whether you are choosing **washers, spacers, screws, nuts, rivets** or other **fasteners**, the table below will help you make an informed decision for your project.

| Material | Temperature Stability | Strength | Mechanical Resistance | Impact Resistance | UV Protection | Acids / Alkaline Resistance | Weather Resistance | Heat Resistance | Flame Protection |
|---|---|---|---|---|---|---|---|---|---|
| Nylon | Good | Good | Good | Poor | Poor | Poor | Poor | Poor | Poor |
| PP | Good | Poor | Poor | Poor | Poor | Good | Poor | Poor | Poor |
| PVDF | Good | Poor | Good | Poor | Good | Good | Good | Good | Good |
| Polycarbonate | Poor | Good | Poor | Good | Good | Poor | Good | Good | Poor |
| POM | Poor | Poor | Good | Poor | Poor | Poor | Poor | Good | Poor |
| TPE | Poor | Poor | Poor | Poor | Poor | Poor | Poor | Poor | Poor |
| PEEK | Good | Good | Good | Good | Poor | Good | Good | Good | Good |

## SOME KEY APPLICATION EXAMPLES:

- **Point of Sale and Display – Polycarbonate** is a key material within this industry due to its strong nature twinned with its transparent appearance.
- **Pharmaceutical – Polypropylene** (PP) has great resistance to many chemicals and can be easily welded to other PP components, providing versatility.
- **Electrical** – With high temperature stability, heat and flame resistance, **PVDF** lends itself well to use in a working electrical application or electrical cabinet.
- **Oil and Gas** – In an often moving and volatile application, **PEEK**® material fasteners offer high tensile strength, flame resistance and can operate continuously in temperatures up to 180°C.
- **Automotive and Manufacturing** – Tough and mechanically resistant, **Nylon** fasteners are lighter, less expensive alternatives to metal equivalents. For added UV resistance a **PVDF** component is more appropriate.

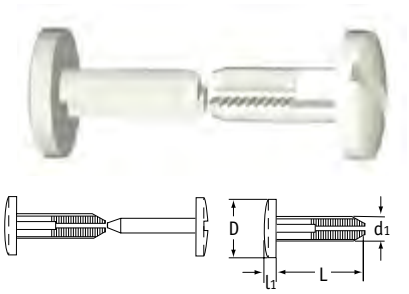
**For more advice about our extensive range of fasteners and materials, please contact us at your nearest office in Asia Pacific Region.**

APAC Region

SR 1990

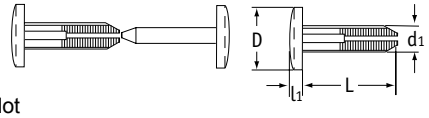
# Assembly Clips

**Natural Nylon 6.6**



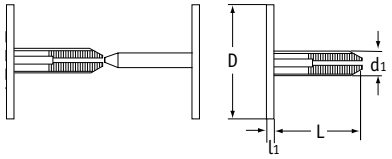

12mm Head with slot

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | White | Hole Diameter | Panel Thickness | $d_1$ | D | $l_1$ | L | |
| 8100670001VR | 8100670008VR | 5 - 8 | 5.3 - 7.5 | 5.0 | 12.0 | 3.0 | 5.5 | 1000 |
| 8100680001VR | 8100680008VR | 5 - 8 | 9.0 - 13.0 | 5.0 | 12.0 | 3.0 | 9.0 | 1000 |
| 8100690001VR | 8100690008VR | 5 - 8 | 13.0 - 20.0 | 5.0 | 12.0 | 3.0 | 13.0 | 1000 |
| - | 8100660008VR | 5 - 8 | 18.0 - 28.0 | 5.0 | 12.0 | 3.0 | 18.0 | 1000 |
| 8100700001VR | 8100700008VR | 5 - 8 | 20.0 - 34.0 | 5.0 | 12.0 | 3.0 | 20.0 | 1000 |
| 8100710001VR | - | 7 - 8 | 13.0 - 20.0 | 7.0 | 12.0 | 3.0 | 13.0 | 1000 |



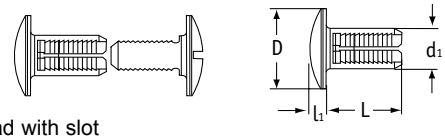

12mm Head without slot

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | White | Hole Diameter | Panel Thickness | $d_1$ | D | $l_1$ | L | |
| 8110670001VR | 8110670008VR | 5 - 8 | 5.3 - 7.5 | 5.0 | 12.0 | 4.0 | 5.5 | 1000 |
| 8110680001VR | 8110680008VR | 5 - 8 | 9.0 - 13.0 | 5.0 | 12.0 | 4.0 | 9.0 | 1000 |
| - | 8110690008VR | 5 - 8 | 13.0 - 20.0 | 5.0 | 12.0 | 4.0 | 13.0 | 1000 |
| 8110660001VR | 8110660008VR | 5 - 8 | 18.0 - 28.0 | 5.0 | 12.0 | 4.0 | 18.0 | 1000 |
| 8110700001VR | 8110700008VR | 5 - 8 | 20.0 - 34.0 | 5.0 | 12.0 | 4.0 | 20.0 | 1000 |




19mm Head without slot

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | White | Hole Diameter | Panel Thickness | $d_1$ | D | $l_1$ | L | |
| 8130670001VR | 8130670008VR | 5 - 8 | 5.3 - 7.5 | 5.0 | 19.0 | 3.0 | 5.5 | 1000 |
| 8130680001VR | 8130680008VR | 5 - 8 | 9.0 - 13.0 | 5.0 | 19.0 | 3.0 | 9.0 | 1000 |
| 8130690001VR | 8130690008VR | 5 - 8 | 13.0 - 20.0 | 5.0 | 19.0 | 3.0 | 13.0 | 1000 |
| 8130700001VR | 8130700008VR | 5 - 8 | 20.0 - 34.0 | 5.0 | 19.0 | 3.0 | 20.0 | 1000 |




20mm Rounded Head with slot

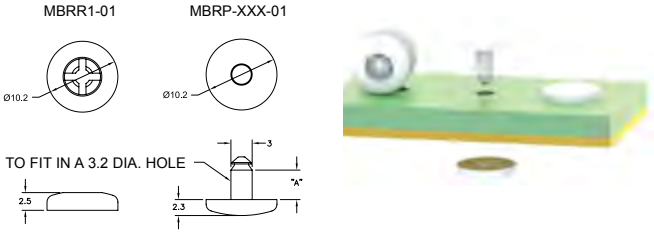
| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | White | Hole Diameter | Panel Thickness | $d_1$ | D | $l_1$ | L | |
| 8170820101VR | 8170820108VR | 10 - 15 | 8.7 - 11.5 | 9.7 | 20.0 | 3.5 | 8.5 | 1000 |
| 8170840101VR | 8170840108VR | 10 - 15 | 18.0 - 25.0 | 9.7 | 20.0 | 3.5 | 16.0 | 1000 |

MBRR & MBRP

## Mini Barbed Rivet

**Natural UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A" | Panel Thickness Max. | Std Pack Qty |
|---|---|---|---|
| 27MRM125032 | 1.60 | 0.76 | 1000 |
| 27MRM125062 | 2.41 | 1.57 | 1000 |
| MBRP1-100-01 | 3.38 | 2.54 | 1000 |
| 27MRM125125 | 4.01 | 3.18 | 1000 |
| 27MRM125187 | 5.59 | 4.75 | 1000 |
| MBRP1-250-01 | 7.19 | 6.35 | 1000 |
| MBRR1-01 | - | - | 1000 |



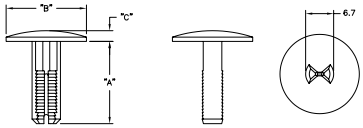

BR

## Barbed Rivet

**Natural: UL94 V2 Nylon 6/6, RMS-01**

| Part Number | "A" REF. | "B" Ø | "C" | Total Holding Thickness | Hole Ø | Std Pack Qty |
|---|---|---|---|---|---|---|
| BR1-226-01 | 5.7 | 19.1 | 2.4 | 6 - 7.5 | 7.1 | 1000 |
| BR1-344-01 | 8.7 | 19.1 | 2.4 | 8.8 - 12.8 | 7.1 | 1000 |
| BR1-488-01 | 12.4 | 19.1 | 2.4 | 12.7 - 20.6 | 7.1 | 1000 |
| BR1-768-01 | 19.5 | 19.1 | 2.4 | 19.8 - 34.9 | 7.1 | 1000 |
| BR2-226-01 | 5.7 | 10.2 | 1.6 | 6 - 7.5 | 7.1 | 1000 |
| BR2-344-01 | 8.7 | 10.2 | 1.6 | 8.8 - 12.8 | 7.1 | 1000 |
| BR2-488-01 | 12.4 | 10.2 | 1.6 | 12.7 - 20.6 | 7.1 | 1000 |
| BR2-768-01 | 19.5 | 10.2 | 1.6 | 19.8 - 34.9 | 7.1 | 1000 |



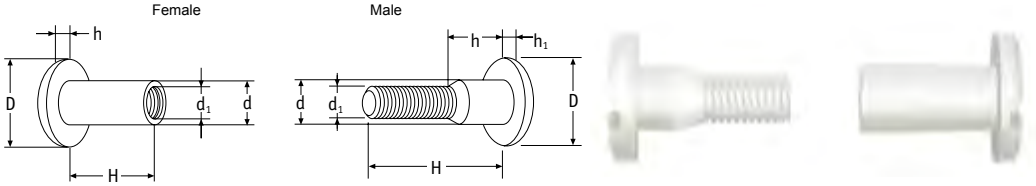



SR 1999

## Book Screws

**Natural Nylon**

- Designed to fit with mating male / female parts




### Female

| Part Number | Colour | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | $d_1$ | D | H | d | h | |
| 081041011301 | White | M4 | 12.0 | 10.0 | 6.0 | 2.2 | 250 |
| 081041011401 | Black | M4 | 12.0 | 10.0 | 6.0 | 2.2 | 250 |
| 081041511301 | White | M4 | 12.0 | 15.0 | 6.0 | 2.2 | 250 |
| 081041511401 | Black | M4 | 12.0 | 15.0 | 6.0 | 2.2 | 250 |
| 081042011301 | White | M4 | 12.0 | 20.0 | 6.0 | 2.2 | 250 |
| 081042011401 | Black | M4 | 12.0 | 20.0 | 6.0 | 2.2 | 250 |
| 081042511301 | White | M4 | 12.0 | 25.0 | 6.0 | 2.2 | 250 |
| 081042511401 | Black | M4 | 12.0 | 25.0 | 6.0 | 2.2 | 250 |
| 081051011301 | White | M5 | 14.0 | 10.0 | 7.0 | 2.5 | 250 |
| 081051011401 | Black | M5 | 14.0 | 10.0 | 7.0 | 2.5 | 250 |
| 081061050001 | White | M6 | 16.0 | 10.0 | 8.0 | 3.0 | 500 |
| 081061059901 | Black | M6 | 16.0 | 10.0 | 8.0 | 3.0 | 500 |
| 081061650001 | White | M6 | 16.0 | 16.0 | 8.0 | 3.0 | 500 |
| 081061659901 | Black | M6 | 16.0 | 16.0 | 8.0 | 3.0 | 500 |
| 081161650001 | White | M6 | 16.0 | 16.0 | 8.0 | 2.5 | 500 |
| 081161659901 | Black | M6 | 16.0 | 16.0 | 8.0 | 2.5 | 500 |

### Male

| Part Number | Colour | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | $d_1$ | D | H | d | h | $h_1$ | |
| 082041011301 | White | M4 | 12.0 | 10.0 | 6.0 | - | 2.5 | 250 |
| 082041011401 | Black | M4 | 12.0 | 10.0 | 6.0 | - | 2.5 | 250 |
| 082052011301 | White | M5 | 14.0 | 20.0 | 7.0 | 10.0 | 2.5 | 250 |
| 082052011401 | Black | M5 | 14.0 | 20.0 | 7.0 | 10.0 | 2.5 | 250 |
| 082053011301 | White | M5 | 14.0 | 30.0 | 7.0 | 20.0 | 2.5 | 250 |
| 082061050001 | White | M6 | 16.0 | 10.0 | 8.0 | - | 3.0 | 500 |
| 082061059901 | Black | M6 | 16.0 | 10.0 | 8.0 | - | 3.0 | 500 |
| 082061850001 | White | M6 | 16.0 | 18.0 | 8.0 | 8.0 | 3.0 | 500 |
| 082061859901 | Black | M6 | 16.0 | 18.0 | 8.0 | 8.0 | 3.0 | 500 |
| 082062550001 | White | M6 | 16.0 | 25.0 | 8.0 | 8.0 | 3.0 | 500 |
| 082062559901 | Black | M6 | 16.0 | 25.0 | 8.0 | 8.0 | 3.0 | 500 |
| 082063050001 | White | M6 | 16.0 | 30.0 | 8.0 | 8.0 | 3.0 | 500 |
| 082063059901 | Black | M6 | 16.0 | 30.0 | 8.0 | 8.0 | 3.0 | 500 |
| 082063950001 | White | M6 | 16.0 | 39.0 | 8.0 | 8.0 | 3.0 | 250 |
| 082063959901 | Black | M6 | 16.0 | 39.0 | 8.0 | 8.0 | 3.0 | 250 |
| 082064850001 | White | M6 | 16.0 | 48.0 | 8.0 | 8.0 | 3.0 | 250 |
| 082064859901 | Black | M6 | 16.0 | 48.0 | 8.0 | 8.0 | 3.0 | 250 |

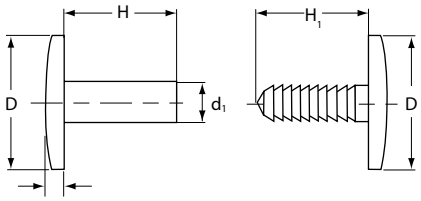
SR 1999

## Binder Screws

**HDPE**

- Male & Female parts thread together securely
- Ideal for multiple panel fastenings, such as swatch cards





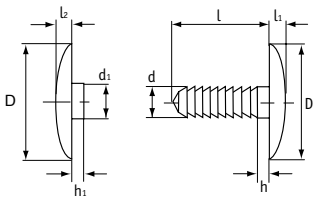

| Part Number | Colour | Female Part | | Male Part | | Head | | Std Pack |
|---|---|---|---|---|---|---|---|---|
| | | d1 | H | Size | H1 | D | h | Qty |
| 20118891 | Black | 5 | 5 | M4 | 5 | 12 | 2.6 | 1000 |
| 20118907 | White | 5 | 5 | M4 | 5 | 12 | 2.6 | 1000 |
| 20118914 | Black | 5 | 6 | M4 | 5 | 12 | 2.6 | 1000 |
| 20118921 | White | 5 | 6 | M4 | 5 | 12 | 2.6 | 1000 |
| 20118938 | Black | 5 | 8 | M4 | 5 | 12 | 2.6 | 1000 |
| 20118945 | White | 5 | 8 | M4 | 5 | 12 | 2.6 | 1000 |
| 20118952 | Black | 5 | 10 | M4 | 10 | 12 | 2.6 | 1000 |
| 20118969 | White | 5 | 10 | M4 | 10 | 12 | 2.6 | 1000 |
| 20118976 | Black | 5 | 12 | M4 | 10 | 12 | 2.6 | 1000 |
| 20118983 | White | 5 | 12 | M4 | 10 | 12 | 2.6 | 1000 |
| 20118990 | Black | 5 | 15 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119003 | White | 5 | 15 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119010 | Black | 5 | 20 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119027 | White | 5 | 20 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119034 | Black | 5 | 25 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119041 | White | 5 | 25 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119058 | Black | 5 | 30 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119065 | White | 5 | 30 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119072 | Black | 5 | 35 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119089 | White | 5 | 35 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119096 | Black | 5 | 40 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119102 | White | 5 | 40 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119119 | Black | 5 | 50 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119126 | White | 5 | 50 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119133 | Black | 5 | 60 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119140 | White | 5 | 60 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119157 | Black | 5 | 80 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119164 | White | 5 | 80 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119171 | Black | 5 | 90 | M4 | 10 | 12 | 2.6 | 1000 |
| 20119188 | White | 5 | 90 | M4 | 10 | 12 | 2.6 | 1000 |

SR 1990

## Snap Fasteners

**Washers - LDPE**
**Clip - Polypropylene**

- Ideal for fixing corrugated panels
- Snap in fixing for fast installation
- One pack contains 1000 each of clips and washers
- Now available in High Clarity




Female Male



30mm Head with slot

| Part Number | | Male Clip Dimensions (mm) | | | | | | Female Washer Dimensions (mm) | | | Std Pack |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Black | White | Hole Diameter | Panel Thickness | d | l | h | l1 | h1 | d1 | l2 | Qty |
| 8502160901VR | 8502160908VR | 8-20 | 6-10 | 6.0 | 12 | - | 3.0 | 6.0 | 8.0 | 3.0 | 1000 |
| 8502260901VR | 8502260908VR | 8-20 | 6-22 | 6.0 | 26 | 4 | 3.0 | 6.0 | 8.0 | 3.0 | 1000 |
| 8502440901VR | 8502440908VR | 8-20 | 20-40 | 6.0 | 44 | 14 | 3.0 | 6.0 | 8.0 | 3.0 | 1000 |
| 8501160901VR | 8501160908VR | 8-20 | 12-18 | 6.0 | 12 | - | 3.0 | 12.0 | 8.0 | 3.0 | 1000 |
| 8501260901VR | 8501260908VR | 8-20 | 12-30 | 6.0 | 26 | 4 | 3.0 | 12.0 | 8.0 | 3.0 | 1000 |
| 8501440901VR | 8501440908VR | 8-20 | 12-46 | 6.0 | 44 | 14 | 3.0 | 12.0 | 8.0 | 3.0 | 1000 |

50mm Head with slot

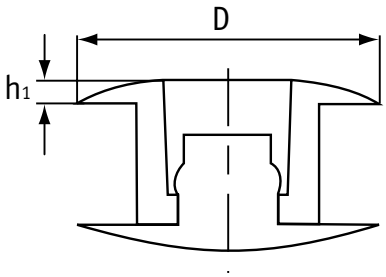
| Part Number | | Male Clip Dimensions (mm) | | | | Female Washer Dimensions (mm) | Std Pack |
|---|---|---|---|---|---|---|---|
| Black | White | Hole Diameter | Panel Thickness | l | l1 | l2 | Qty |
| 8501150901VR | 8501150908VR | 5-10 | 0-8 | 15 | 2.0 | 3.5 | 1000 |
| 8501220901VR | 8501220908VR | 5-10 | 0-16 | 22 | 2.0 | 3.5 | 1000 |

SR 1991

## Push Clips

**White Nylon 6.6**

- Fast and easy clip in design
- Ideal for fixing multiple lightweight panels or print together






| Part Number | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| White | Black | Hole Diameter | Maximum Panel Thickness | D | $h_1$ | |
| 8201020008VR | 8201020001VR | 6.0 | 2.2 | 10.0 | 0.8 | 1000 |
| 8201030008VR | 8201030001VR | 6.0 | 3.2 | 10.0 | 0.8 | 1000 |
| 8201040008VR | 8201040001VR | 6.0 | 4.2 | 10.0 | 0.8 | 1000 |
| 8201050008VR | 8201050001VR | 6.0 | 5.2 | 10.0 | 0.8 | 1000 |

NB: Pack quantity includes 1000 each of male and female parts.



# Free Sample

To place order for free sample, call our service hotline or visit our website. Please refer to the back cover of this catalogue for contact details.

SR 1918

# Metal Binder Screw

**Steel**

- Male and Female parts sold seperately
- 9mm Head Diameter
- Available in Nickel Plated, Brass Plated or Black
- Male & Female parts thread together securely
- Ideal for multiple panel fastenings, such as swatch cards
- To suit 5mm Hole



Female Part

| Part Number Nickel Plated | Length (mm) | Std Pack Qty |
|---|---|---|
| 497101 | 5 | 200 |
| 497102 | 10 | 200 |
| 497103 | 15 | 200 |
| 497104 | 20 | 200 |
| 497105 | 25 | 200 |
| 497106 | 30 | 200 |
| 497107 | 35 | 200 |
| 497108 | 40 | 200 |
| 497109 | 45 | 200 |
| 497110 | 50 | 200 |
| 497111 | 55 | 100 |
| 497112 | 60 | 100 |
| 497113 | 65 | 100 |
| 497114 | 70 | 100 |
| 497115 | 75 | 100 |
| 497116 | 80 | 100 |
| 497117 | 85 | 100 |
| 497118 | 90 | 100 |
| 497119 | 95 | 100 |
| 497120 | 100 | 100 |

Male Part

| Part Number Nickel Plated | Length (mm) | Std Pack Qty |
|---|---|---|
| 497219 | 3 | 200 |
| 497222 | 6 | 200 |

ESSENTRA COMPONENTS





# MAGNETIC **CATCHES**

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# LOCKS, LATCHES, CATCHES AND HINGES


**Locks**

**440-485**





**Compression Locks**

**486-504**





**Latches and Catches**

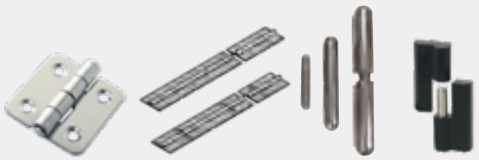
**505-518**





**Hinges**

**519-569**





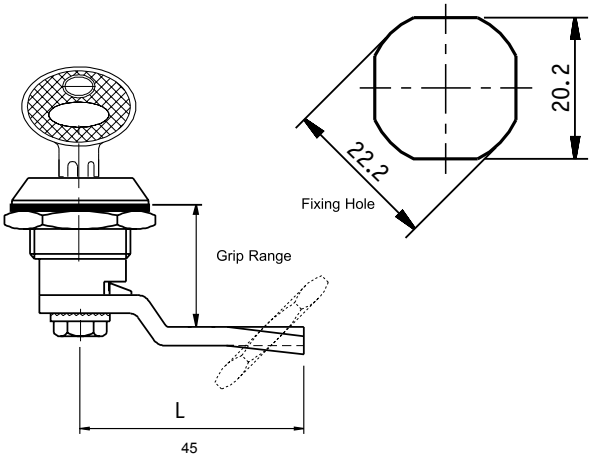
SR 5516

# Cylinder Cam Locks

**Die-Cast Zinc Alloy**

- Keyed Alike / Keyed Different options
- Two keys supplied with every lock
- More grip ranges optional, please contact us.




## Chrome Plated Die-Cast Zinc Housing

| Keyed Alike | Keyed to Differ | Master Key System | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| 063110561E | 063113261E | 063110461E | 8.5 | 50 |
| 063110539E | 063113239E | 063110439E | 14.5 | 50 |
| 063110537E | 063113237E | 063110437E | 18.5 | 50 |
| 063110530E | 063113230E | 06344059E | 20.5 | 50 |
| 063110533E | 063113233E | 063110433E | 24.5 | 50 |
| 063110534E | 063113234E | 063110434E | 26.5 | 50 |

All dimensions in mm

## Black Powder Coated Die-Cast Zinc Housing

| Part Number | | | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| Keyed Alike | Keyed to Differ | Master Key System | | |
| 063120561E | 063123261E | 063120461E | 8.5 | 50 |
| 063120539E | 063123239E | 063120439E | 14.5 | 50 |
| 063120537E | 063123237E | 063120437E | 18.5 | 50 |
| 063120530E | 063123230E | 063120430E | 20.5 | 50 |
| 063120533E | 063123233E | 063120433E | 24.5 | 50 |
| 063120534E | 063123234E | 063120434E | 26.5 | 50 |

## Polyamide 30% Glass Fibre Reinforced Housing

| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 063200561E | 8.5 | 50 |
| 063200539E | 14.5 | 50 |
| 063200537E | 18.5 | 50 |
| 063200530E | 20.5 | 50 |
| 063200533E | 24.5 | 50 |
| 063200534E | 26.5 | 50 |

## Master Key

| Part Number | Description | Std Pack Qty |
|---|---|---|
| 30204041E | Master Key | 2 |

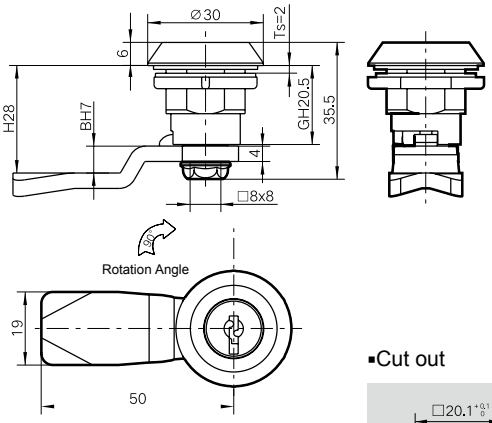
## Cam Lock

**Zinc alloy lock body, lock cylinder, galvanized steel bolt**

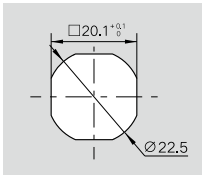
- Surface treatment: bright chrome plating
- Applicable door thickness: 1-7mmc








▪Cut out




| Part Number | Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20030537 | 105.4 | 200 |

## Cam Lock

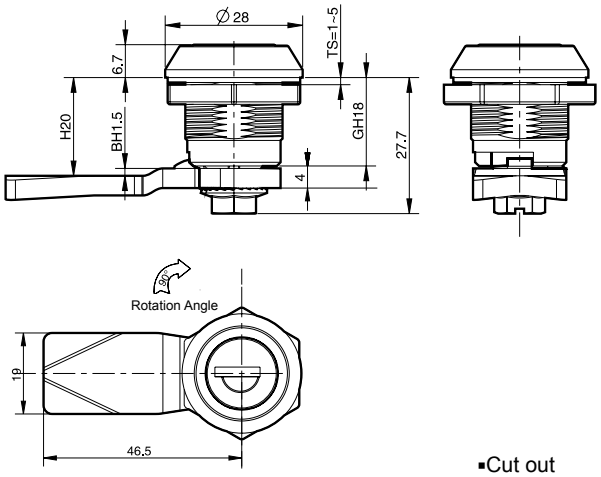
**Stainless steel lock body, lock piece**

- Surface treatment: natural color
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening

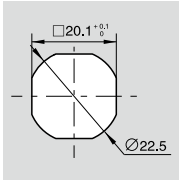




K333




▪Cut out




| Part Number |
|---|
| 20040734 |

All dimensions in mm

SR 5530

# IP54 Quarter Turn Latches with Spring

**Die-Cast Zinc Alloy**

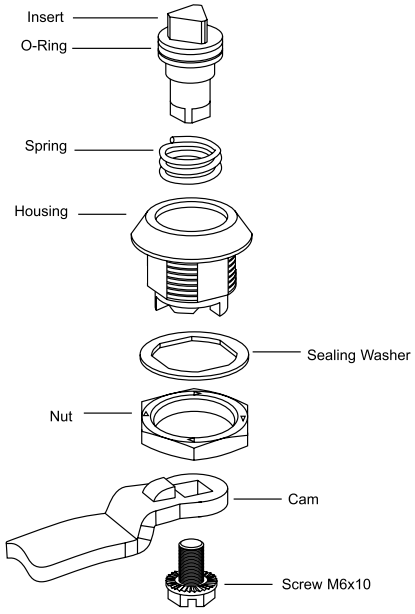
- Ideal for use on electrical cabinets and enclosures
- 6 Headstyles and 5 grip ranges available
- More grip ranges optional, please contact us.
- Key sold separately

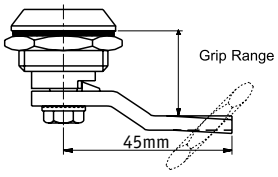


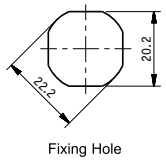


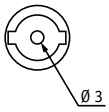




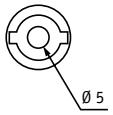



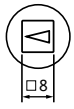

3mm Double Bit



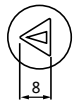

5mm Double Bit




7mm Triangle




8mm Square




8mm Triangle



Slotted

| Part Number | | | Head Style | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | Nylon Housing | | | |
| 060111360E | 060121360E | 060201360E | 3 mm Double Bit | 8.5 | 50 |
| 060111338E | 060121338E | 060201338E | 3 mm Double Bit | 14.5 | 50 |
| 060111330E | 060121330E | 060201330E | 3 mm Double Bit | 18.5 | 50 |
| 060111334E | 060121334E | 060201334E | 3 mm Double Bit | 24.5 | 50 |
| 060111336E | 060121336E | 060201336E | 3 mm Double Bit | 26.5 | 50 |
| 060111347E | 060121347E | 060201347E | 3 mm Double Bit | 28.5 | 50 |
| 060111560E | 060121560E | 060201560E | 5 mm Double Bit | 8.5 | 50 |
| 060111538E | 060121538E | 060201538E | 5 mm Double Bit | 14.5 | 50 |
| 060111530E | 060121530E | 060201530E | 5 mm Double Bit | 18.5 | 50 |
| 060111534E | 060121534E | 060201534E | 5 mm Double Bit | 24.5 | 50 |
| 060111536E | 060121536E | 060201536E | 5 mm Double Bit | 26.5 | 50 |
| 060111547E | 060121547E | 060201547E | 5 mm Double Bit | 28.5 | 50 |
| 060112860E | 060122860E | 060202860E | 8 mm Square | 8.5 | 50 |
| 060112838E | 060122838E | 060202838E | 8 mm Square | 14.5 | 50 |
| 060112830E | 060122830E | 060202830E | 8 mm Square | 18.5 | 50 |
| 060112834E | 060122834E | 060202834E | 8 mm Square | 24.5 | 50 |
| 060112836E | 060122836E | 060202836E | 8 mm Square | 26.5 | 50 |
| 060112847E | 060122847E | 060202847E | 8 mm Square | 28.5 | 50 |
| 060113760E | - | - | 7 mm Triangle | 8.5 | 50 |
| 060113738E | - | - | 7 mm Triangle | 14.5 | 50 |
| 060113730E | - | - | 7 mm Triangle | 18.5 | 50 |
| 060113734E | - | - | 7 mm Triangle | 24.5 | 50 |
| 060113736E | - | - | 7 mm Triangle | 26.5 | 50 |
| 060113747E | - | - | 7 mm Triangle | 28.5 | 50 |
| 060113860E | 060123860E | 060203860E | 8 mm Triangle | 8.5 | 50 |
| 060113838E | 060123838E | 060203838E | 8 mm Triangle | 14.5 | 50 |
| 060113830E | 060123830E | 060203830E | 8 mm Triangle | 18.5 | 50 |
| 060113834E | 060123834E | 060203834E | 8 mm Triangle | 24.5 | 50 |
| 060113836E | 060123836E | 060203836E | 8 mm Triangle | 26.5 | 50 |
| 060113847E | 060123847E | 060203847E | 8 mm Triangle | 28.5 | 50 |
| 060114260E | 060124260E | 060204260E | Slotted | 8.5 | 50 |
| 060114238E | 060124238E | 060204238E | Slotted | 14.5 | 50 |
| 060114230E | 060124230E | 060204230E | Slotted | 18.5 | 50 |
| 060114234E | 060124234E | 060204234E | Slotted | 24.5 | 50 |
| 060114236E | 060124236E | 060204236E | Slotted | 26.5 | 50 |
| 060114247E | 060124247E | 060204247E | Slotted | 28.5 | 50 |

All dimensions in mm

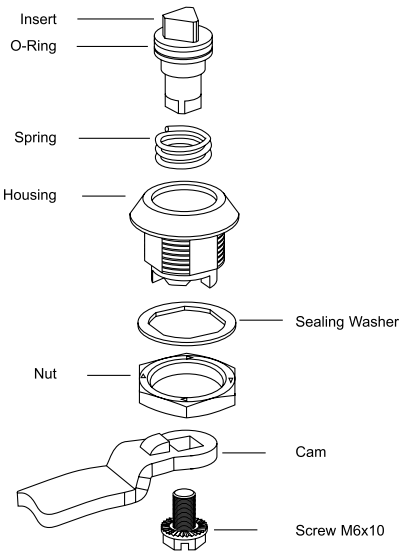
SR 5560

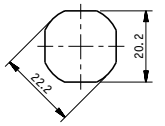
# Stainless Steel Qtr Turn with Spring

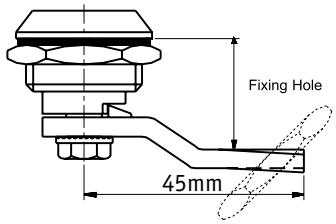
**Stainless Steel AISI 304**

- Ideal for outdoor cabinets and enclosures
- Seals to IP65
- More grip ranges optional, please contact us.
- Key sold separately









3mm Double Bit




8mm Square




8mm Triangle



Railway Driver

| Part Number | | | | | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| 3mm Double Bit | 5mm Double Bit | 8mm Square | 8mm Triangle | Railway Driver | | |
| 060401338E | 060401538E | 060402838E | 060403838E | 060408838E | 14.5 | 50 |
| 060401330E | 060401530E | 060402830E | 060403830E | 060408830E | 18.5 | 50 |
| 060401334E | 060401534E | 060402834E | 060403834E | 060408834E | 24.5 | 50 |
| 060401336E | 060401536E | 060402836E | 060403836E | 060408836E | 26.5 | 50 |

All dimensions in mm

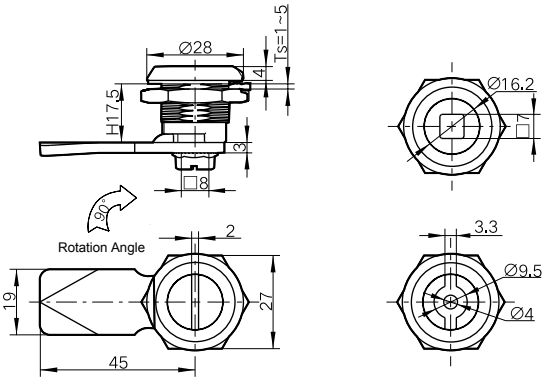
## Quarter Turn Lock

**Stainless steel 316**

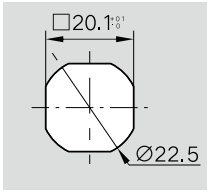
- Surface treatment: natural color
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening 8×8








▪Cut out



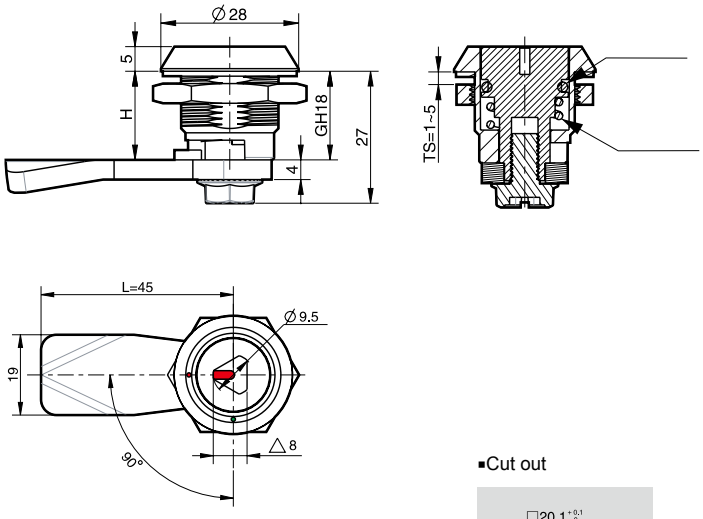

| Part Number | Surface Treatment | Head Style | Unit Weight (g) | Std Pack Qty |
|---|---|---|---|---|
| 20040802 | Stainless Steel | Double Bit | 80.5 | 500 |
| 20040826 | | Square | 80.5 | 500 |

## Quarter Turn Lock

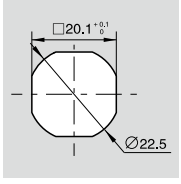
**Stainless steel lock body, lock piece**

- Surface treatment: natural color
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening 8×8






▪Cut out



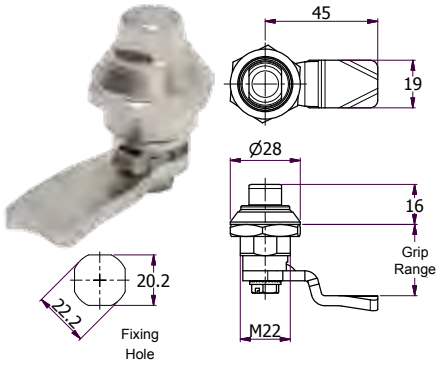

| Part Number | Unit Weight (g) |
|---|---|
| 1724328 | 129.5 |

SR 6416

## Anti Contamination Quarter Turn Lock

**Stainless Steel**

IP69K

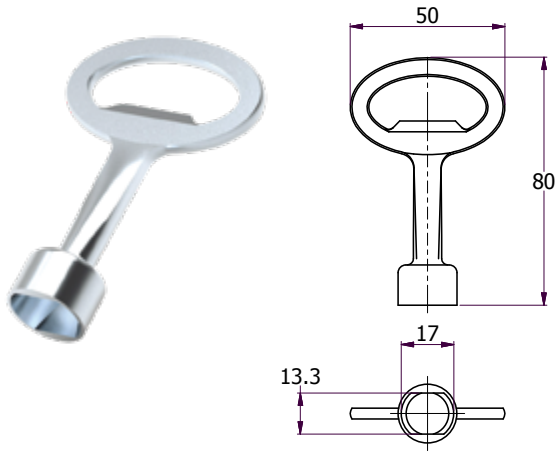



| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 4604060E | 8.5 | 20 |
| 4604038E | 14.5 | 20 |
| 4604030E | 18.5 | 20 |
| 4604034E | 24.5 | 20 |
| 4604036E | 26.5 | 20 |
| 4604047E | 28.5 | 20 |

SR 6416

## Key for Anti Contamination Quarter Turn Lock

**Key - Die-Cast Zinc Alloy- Chrome Plated**




| Part Number | Std Pack Qty |
|---|---|
| 36894E | 50 |

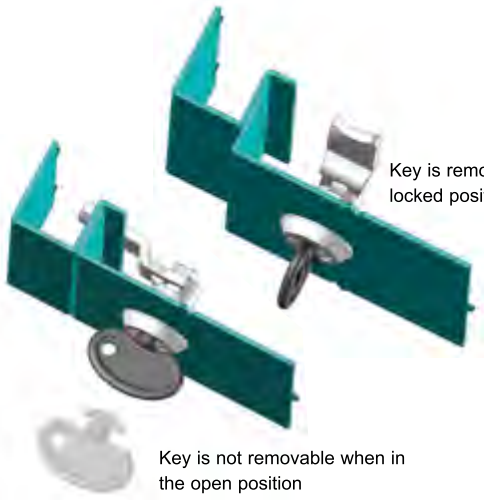
SR 5540

## Secure Quarter Turn Lock

**Chrome Finish Die-Cast Zinc Alloy**

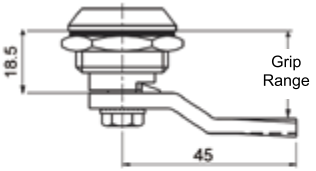
- Designed to improve the safety of machinery and enclosures
- When the lock is in the open position, the key acts as a knob
- Key listed is specific to this lock providing security

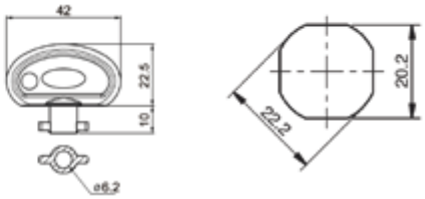




Key is removable when in locked position

Key is not removable when in the open position




Lock

| Part Number | | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|
| Chrome Plated | Black Coated | | |
| 3611138E | 3611238E | 14.5 | 50 |
| 3611130E | 3611230E | 18.5 | 50 |
| 3611134E | 3611234E | 24.5 | 50 |
| 3611136E | 3611236E | 26.5 | 50 |

Key

| Part Number | | Std Pack Qty |
|---|---|---|
| Chrome Plated | Black Coated | |
| 16711E | 16712E | 50 |

SR 5478

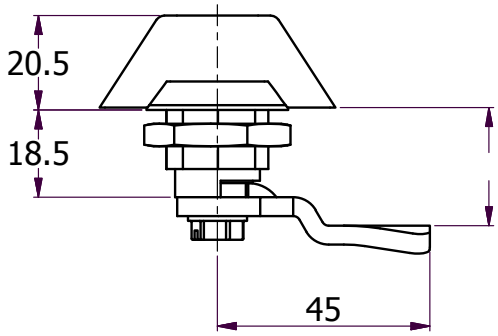
# Cam Locks with Wing Knobs

**Die-Cast Zinc Alloy or Polyamide**

- Quarter turn operation
- Left-hand and right-hand application is possible
- Includes stainless steel dust cap







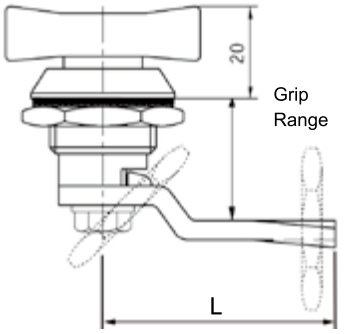


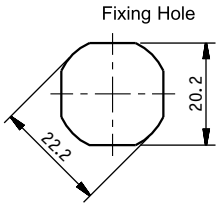

| Part Number | | Finish | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| Die-Cast Zinc Alloy | Polyamide | | | |
| 065110060E | - | Chrome | 8.5 | 50 |
| 065110038E | - | Chrome | 14.5 | 50 |
| 065110030E | - | Chrome | 18.5 | 50 |
| 065110034E | - | Chrome | 24.5 | 50 |
| 065110036E | - | Chrome | 26.5 | 50 |
| 065110047E | - | Chrome | 28.5 | 50 |
| 065120060E | - | Black Coated | 8.5 | 50 |
| 065120038E | - | Black Coated | 14.5 | 50 |
| 065120030E | - | Black Coated | 18.5 | 50 |
| 065120034E | - | Black Coated | 24.5 | 50 |
| 065120036E | - | Black Coated | 26.5 | 50 |
| 065120047E | - | Black Coated | 28.5 | 50 |
| - | 065200060E | Black | 8.5 | 50 |
| - | 065200038E | Black | 14.5 | 50 |
| - | 065200030E | Black | 18.5 | 50 |
| - | 065200034E | Black | 24.5 | 50 |
| - | 0652000361E | Black | 26.5 | 50 |
| - | 065200047E | Black | 28.5 | 50 |

SR 5522

# Quarter Turn Latch with Wing Knob

• Supplied with rubber gasket for good seal





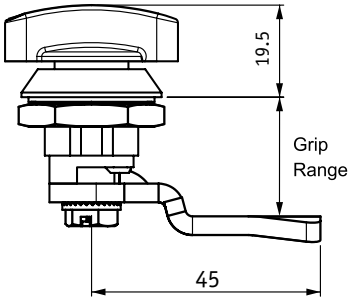


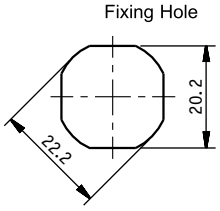
Type 1 (Die-Cast Zinc Alloy Body, Steel Cam)

| Part Number | | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | |
| 0621160E | 0621260E | 8.5 | 45 | 50 |
| 0621138E | 0621238E | 14.5 | 45 | 50 |
| 0621130E | 0621230E | 18.5 | 45 | 50 |
| 0621134E | 0621234E | 24.5 | 45 | 50 |
| 0621136E | 0621236E | 26.5 | 45 | 50 |
| 0621147E | 0621247E | 28.5 | 45 | 50 |

Type 2 (Polyamide Body, Polyamide Cam)

| Part Number | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|
| 0622090E | 18.5 | 35 | 50 |
| 0622091E | 24.5 | 35 | 50 |
| 0622092E | 22.5 | 45 | 50 |
| 0622093E | 18.5 | 25 | 50 |







Type 3 (Die-Cast Zinc Alloy, Steel Cam)

| Part Number | | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|
| Chrome Plated | Black Powder Coated | | |
| 3621160E | 3621260E | 8.5 | 50 |
| 3621138E | 3621238E | 14.5 | 50 |
| 3621130E | 3621230E | 18.5 | 50 |
| 3621134E | 3621234E | 24.5 | 50 |
| 3621136E | 3621236E | 26.5 | 50 |
| 3621147E | 3621247E | 28.5 | 50 |

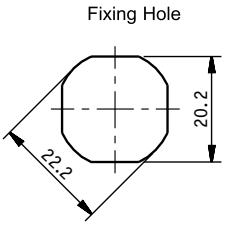
SR 5520

## Wing Knob with Padlock Fitting

**Chrome Plated Die-Cast Zinc Alloy with Steel Cam**

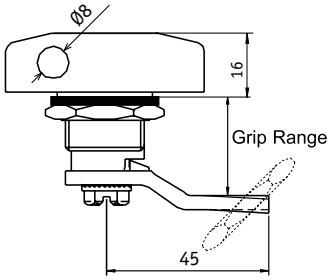
- Rubber Gasket for good seal








Right Hand Example




| Part Number | | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|
| Right Hand Door | Left Hand Door | | |
| 262160001E | 262160002E | 8.5 | 50 |
| 262138001E | 262138002E | 14.5 | 50 |
| 262130001E | 262130002E | 18.5 | 50 |
| 262134001E | 262134002E | 24.5 | 50 |
| 262136001E | 262136002E | 26.5 | 50 |
| 262147001E | 262147002E | 28.5 | 50 |

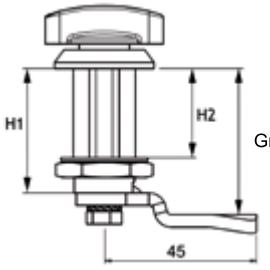
All dimensions in mm

SR 5523

## Quarter Turn Latch with Wing Knobs - Long Housing

**Body: Die-Cast Zinc Alloy**
**Cam: Steel**

- Ideal for sound-proof or isolated doors
- Supplied with rubber sealing gasket




H2 = Maximum Panel Thickness



Chrome Plated



Black Coated

| Part Number | | Grip Range (mm) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | $H_1$ | Max Panel Thickness | |
| 064362201137E | 064362201237E | 28 | 30 | 20 | 50 |
| 064362201130E | 064362201230E | 30 | 30 | 20 | 50 |
| 064362201131E | 064362201231E | 33 | 30 | 20 | 50 |
| 064362301137E | 064362301237E | 38 | 40 | 30 | 50 |
| 064362301130E | 064362301230E | 40 | 40 | 30 | 50 |
| 064362301131E | 064362301231E | 43 | 40 | 30 | 50 |
| 064362401137E | 064362401237E | 48 | 50 | 40 | 50 |
| 064362401130E | 064362401230E | 50 | 50 | 40 | 50 |
| 064362401131E | 064362401231E | 53 | 50 | 40 | 50 |
| 064362501137E | 064362501237E | 58 | 60 | 50 | 50 |
| 064362501130E | 064362501270E | 60 | 60 | 50 | 50 |
| 064362501131E | 064362501231E | 63 | 60 | 50 | 50 |

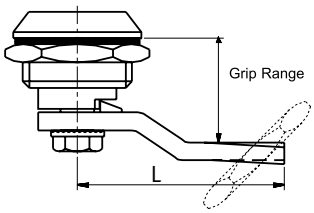
SR 5531

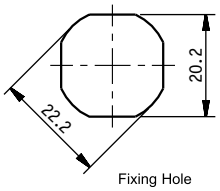
## Plastic Quarter Turn with Spring

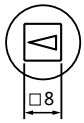
**Polyamide 30% Glass Fibre Reinforced**

- Seals to IP54
- Lightweight alternative to SR5530
- Key sold separately

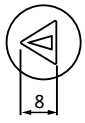




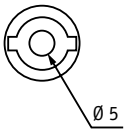




8mm Square




8mm Triangle




5mm Double Bit



Slotted

Plastic Quarter Turn with Metal Lock Nut

| Part Number | | | | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| 5mm Double Bit | 8mm Square | 8mm Triangle | Slotted | | | |
| 060201590E | 060202890E | 060203890E | 060204290E | 18.5 | 35 | 50 |
| 060201591E | 060202891E | 060203891E | 060204291E | 24.5 | 35 | 50 |
| 060201592E | 060202892E | 060203892E | 060204292E | 22.5 | 45 | 50 |
| 060201593E | 060202893E | 060203893E | 060204293E | 18.5 | 25 | 50 |

All dimensions in mm

SR 5531

## Plastic Lock Nut

**Polyamide 30% Glass Fibre Reinforced**

- Replacement plastic locknuts for SR 5531 locks



Plastic Lock Nut

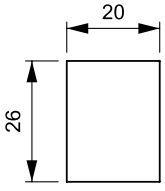
| Part Number | Std Pack Qty |
|---|---|
| 30502002E | 300 |

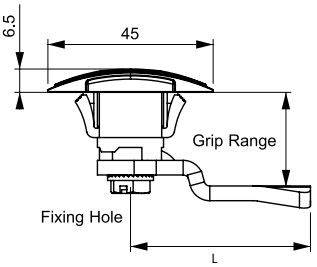
SR 5524

## Plastic Lock with Finger Grips

**Polyamide**

- Finger grips allow user to pull door open
- Suit 0.8-1.8mm panel thickness






| Part Number | | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|
| 5mm Double Bit | Euro Key (5333) | | | |
| 26120201590E | 261200590E | 18.5 | 35 | 50 |
| 26120201591E | 261200591E | 24.5 | 35 | 50 |
| 261201592E | 261200592E | 22.5 | 45 | 50 |
| 26120201593E | 261200593E | 18.5 | 25 | 50 |

All dimensions in mm

SR 5005

## Quarter Turn Lock -Knob on Lock

IP65

**Lock case/lock cylinder:** PA DIN-EN ISO 1043-1 PA6 GFR 30
**Cylinder/Nut/Turn Cam:** PA6 GFR 30

- Knob lock
- 5mm Double Bit Head






| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 56120201592 | 18.5 | 50 |
| 56120201593 | 22.5 | 50 |

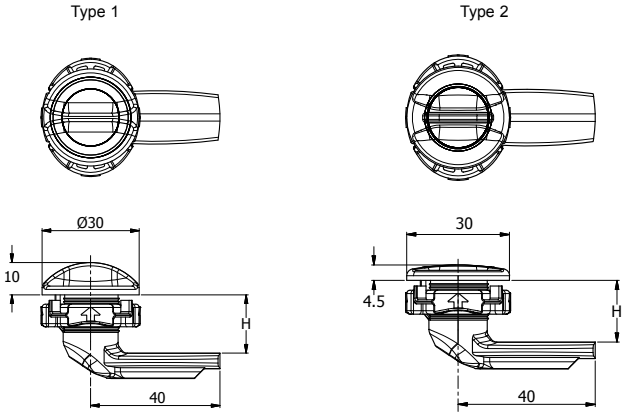
SR 5470

## Clip On Quarter Turn Latches

**Black PA**

- Includes lock body and bayonet
- Manual installation without tools, convenient and quick
- Maximum rotation 90 degrees
- The maximum applicable plate thickness is 6mm
- Suitable for light cabinet doors



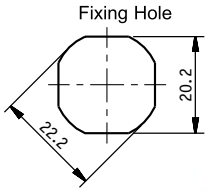

| Part Number | Type | Dimension (mm) H | Shape | Std Pack Qty |
|---|---|---|---|---|
| 497579 | 1 | 13.5 | Bended | 25 |
| 497580 | 1 | 18 | Flat | 25 |
| 497583 | 1 | 25 | Flat | 25 |
| 497581 | 2 | 13.5 | Bended | 25 |
| 497582 | 2 | 18 | Flat | 25 |

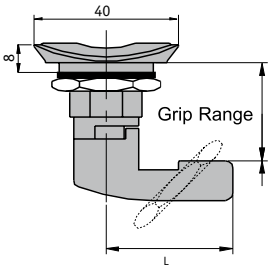
SR 5524

## Plastic Lock with Finger Grips

**Polyamide**

- IP65
- Finger grips allow user to pull door open
- Key sold separately






Lock Nut Style 5mm Double Bit

| Part Number | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|
| 161201590E | 18.5 | 35 | 50 |
| 161201591E | 24.5 | 35 | 50 |
| 161201592E | 22.5 | 45 | 50 |
| 161201593E | 18.5 | 25 | 50 |

SR 6415

## Easy Fixing Quarter Turn Lock

**Polyamide- Black, suit 0.8-1.8mm panel thickness**

Cam :

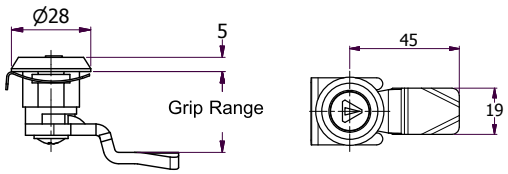
Type 1 - Material Steel / Finish Zinc plated

Type 2 - Material Plastic Black

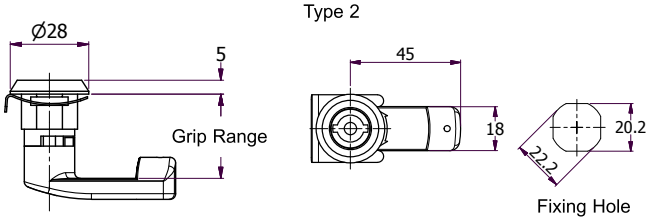
- Key sold separately



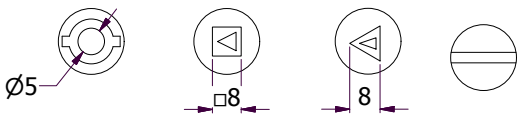
Type 1




Type 2




Fixing Hole




5mm Double Bit | 8mm Square | 8mm Triangle | Slotted

| Part Number | | | | Type | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| 5mm Double Bit | 8mm Square | 8mm Triangle | Slotted | | | |
| 56020201560E | 56020202860E | 56020203860E | 56020204260E | 1 | 8.5 | 50 |
| 56020201538E | 56020202838E | 56020203838E | 56020204238E | 1 | 14.5 | 50 |
| 56020201530E | 56020202830E | 56020203830E | 56020204230E | 1 | 18.5 | 50 |
| 56020201590E | 56020202890E | 56020203890E | 56020204290E | 2 | 18.5 | 50 |
| 56020201592E | 56020202892E | 56020203892E | 56020204292E | 2 | 22.5 | 50 |
| 56020201534E | 56020202834E | 56020203834E | 56020204234E | 1 | 24.5 | 50 |
| 56020201536E | 56020202836E | 56020203836E | 56020204236E | 1 | 26.5 | 50 |
| 56020201547E | 56020202847E | 56020203847E | 56020204247E | 1 | 28.5 | 50 |

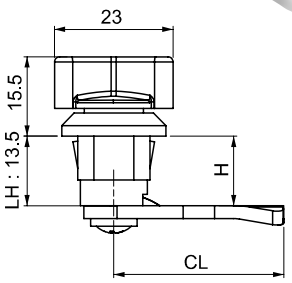
SR 5011

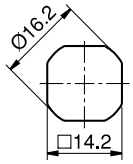
## Mini Quarter Turn Wing Lock - Easy Fixing

**Housing : PA6 GFR30**
**Lock cylinder : Zinc alloy DIN-EN 1774-ZnAl4Cu1**
**Tongue : Steel**

- Easy assembly with clips
- Suitable for door thickness 0.8mm - 1.5mm
- Inner spring with 1mm compression design
- Plastic case and knob






Standard opening size

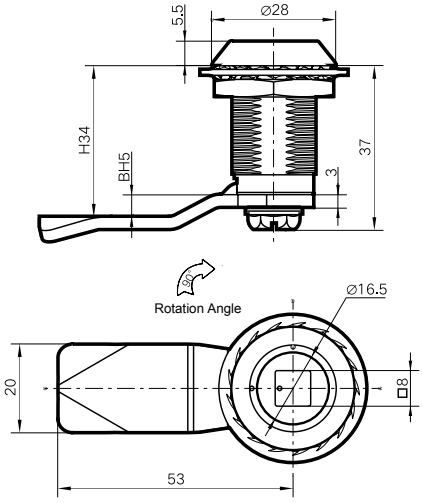
| Part Number | Locking Distance (H) (mm) | Std Pack Qty |
|---|---|---|
| 5661202010E | 13.5 | 100 |
| 5661202021E | 19.5 | 100 |
| 5661202011E | 20.5 | 100 |

## Quarter Turn Lock

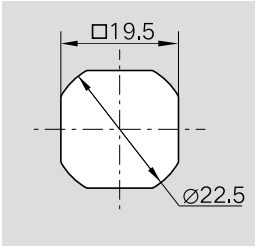
**Zinc alloy lock body, lock cylinder, carbon steel lock piece**

- Surface treatment: bright chrome plating
- Applicable door panel thickness: 1~5mm






■ Cut out



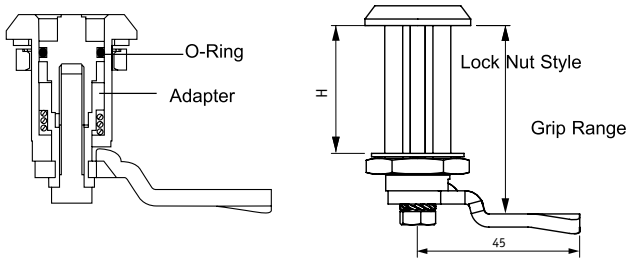

| Part Number | Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20032548 | 78 | 200 |

SR 5526

# Cover Locks

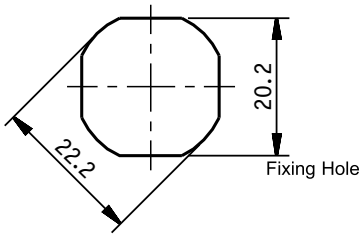
**Die-Cast Zinc Alloy**

- Suitable for use on thick panels such as insulated panels
- 5mm Double Bit Head
- Chrome Plated Finish
- Seals to IP65
- Supplied with rubber sealing gasket
- Key sold separately






H = Max Panel Thickness (mm)



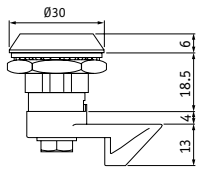

| Part Number | Max Panel Thickness (mm) | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|
| 06411152030E | 20 | 30 | 50 |
| 06411152033E | 20 | 34 | 50 |
| 06411152034E | 20 | 36 | 50 |
| 06411152036E | 20 | 38 | 50 |
| 06411152047E | 20 | 40 | 50 |
| 06411153030E | 30 | 40 | 50 |
| 06411153033E | 30 | 44 | 50 |
| 06411153034E | 30 | 46 | 50 |
| 06411153036E | 30 | 48 | 50 |
| 06411153047E | 30 | 50 | 50 |
| 06411154030E | 40 | 50 | 50 |
| 06411154033E | 40 | 54 | 50 |
| 06411154034E | 40 | 56 | 50 |
| 06411154036E | 40 | 58 | 50 |
| 06411154047E | 40 | 60 | 50 |
| 06411155030E | 50 | 60 | 50 |
| 06411155033E | 50 | 64 | 50 |
| 06411155034E | 50 | 66 | 50 |
| 06411155036E | 50 | 68 | 50 |
| 06411155047E | 50 | 70 | 50 |

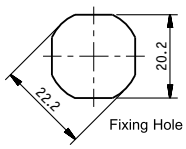
SR 5525

## Slam Shut Quarter Turn Locks

**Die-Cast Zinc Alloy with Steel Cam**

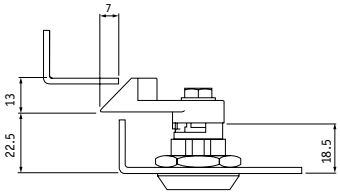
- Chome plated finish
- 5mm double bit head
- Key sold separately

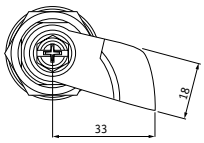





Left Hand






Right Hand



As the panel door is pushed to, the cam rises and then springs down behind the panel wall

All dimensions in mm

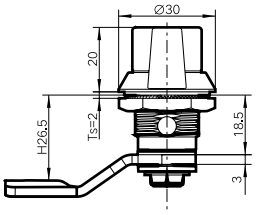
| Part Number | | Std Pack Qty |
|---|---|---|
| Left Hand | Right Hand | |
| 1601115002E | 1601115001E | 50 |

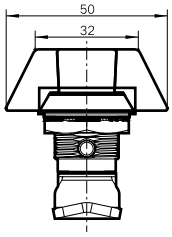
## Wing Turn Lock

**Zinc alloy lock body, lock cylinder, carbon steel lock piece**

- Surface treatment: bright chrome plating
- Applicable door panel thickness: 1~5mm

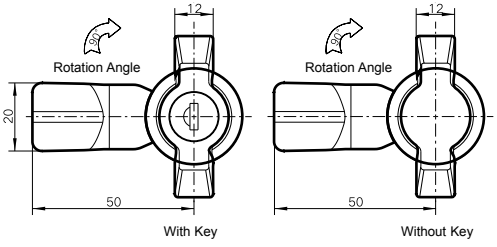
New



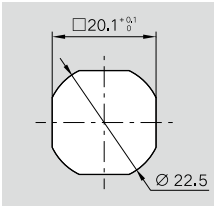






K333




■ Cut out




| Product Model and Characteristics | | | | | |
|---|---|---|---|---|---|
| Part Number | Unit Weight (g) | Std Pack Qty | Part Number | Unit Weight (g) | Std Pack Qty |
| 1437218 | 153 | 200 | 1437219 | 150 | 200 |

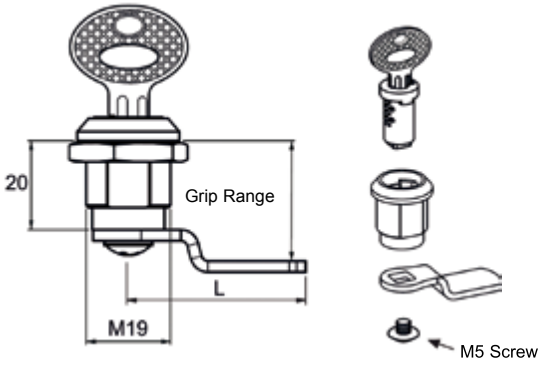
SR 5541

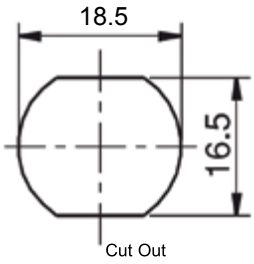
# Large Chrome Cam Locks

**Body: Chrome Plated Die-Cast Zinc Alloy**
**Cam: Steel**

- Large Cut Out compared to Mini Cams Locks
- Ideal for flight cases, steel cupboards and drawers etc
- Key rotation angle of 90 degree
- Supplies with two keys
- Available as keyed alike or keyed to differ






| Part Number | | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|
| Keyed Alike | Keyed Differ | | | |
| 250200130E | 250200230E | 20 | 33 | 100 |
| 250200150E | 250200250E | 20 | 43 | 100 |
| 250200151E | 250200251E | 27 | 40 | 100 |

**SR 5542**

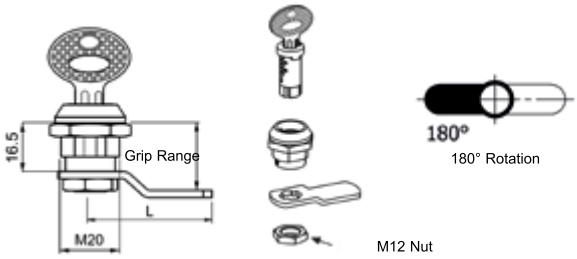
# Cam Locks

**Chrome Finish Die-Cast Zinc Alloy**

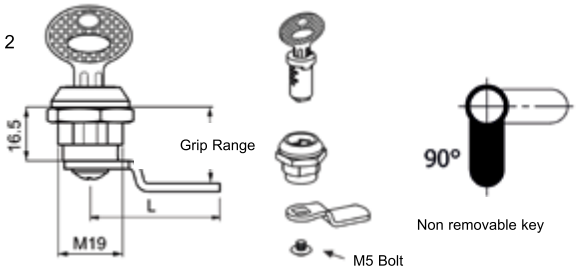
- Type 1 is keyed different
- Type 2 has non-removable key
- Type 3 is keyed alike (5333) and key can only be removed in locked position
- Supplied with 2 keys



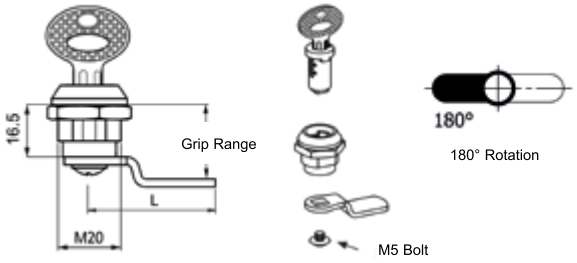
Type 1

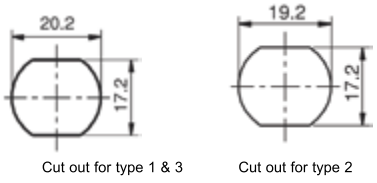



Type 2




Type 3




| Part Number | Type | Key Rotational Angle | Grip Range (mm) | L (mm) | Mounting Hole Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| 05010230E | 1 | 180 | 16.5 | 33 | M20 | 50 |
| 05010210E | 1 | 180 | 16.5 | 38 | M20 | 50 |
| 05010221E | 1 | 180 | 23.5 | 47 | M20 | 50 |
| 05070230E | 2 | 90 | 16.5 | 33 | M19 | 50 |
| 05070250E | 2 | 90 | 16.5 | 43 | M19 | 50 |
| 05070251E | 2 | 90 | 23.5 | 40 | M19 | 50 |
| 05010530E | 3 | 180 | 16.5 | 33 | M20 | 50 |
| 05030650E | 3 | 180 | 16.5 | 43 | M20 | 50 |
| 05030651E | 3 | 180 | 23.5 | 40 | M20 | 50 |

All dimensions in mm

SR 5528

# Mini Quarter Turn Locks

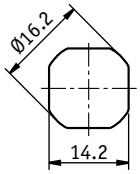
**Die-Cast Zinc**

- Ideal for outdoor cabinets and enclosures
- Seals to IP54
- Supplied with two standard Euro keys (5333)
- Key sold separately see

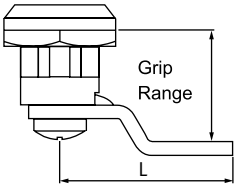

6mm Square


7mm Triangle


Slotted



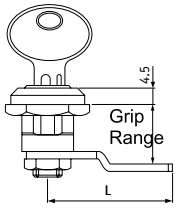
Fixing Hole

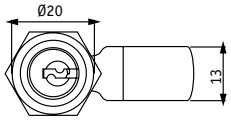


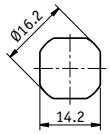



| Part Number | | Head Style | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | | |
| 066112610E | 066122610E | 6mm Square | 13.5 | 33 | 100 |
| 066112611E | 066122611E | 6mm Square | 20.5 | 30 | 50 |
| 066112621E | 066122621E | 6mm Square | 19.5 | 25 | 50 |
| 066113710E | 066123710E | 7mm Square | 13.5 | 33 | 50 |
| 066113711E | 066123711E | 7mm Square | 20.5 | 30 | 50 |
| 066113721E | 066123721E | 7mm Square | 19.5 | 25 | 50 |
| 066114210E | 066124210E | Slotted | 13.5 | 33 | 50 |
| 066114211E | 066124211E | Slotted | 20.5 | 30 | 50 |
| 066114221E | 066124221E | Slotted | 19.5 | 25 | 50 |

Type 2 - Fixed with nut



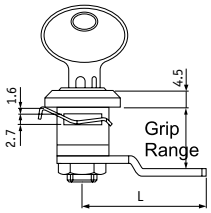



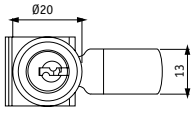



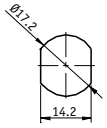
Fixing Hole



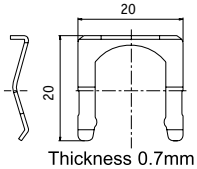
Type 3 - Fixed with clip



Fixing Hole



Thickness 0.7mm





Types 2 and 3 without Spring Action

Chrome Plated with Euro Key (5333)

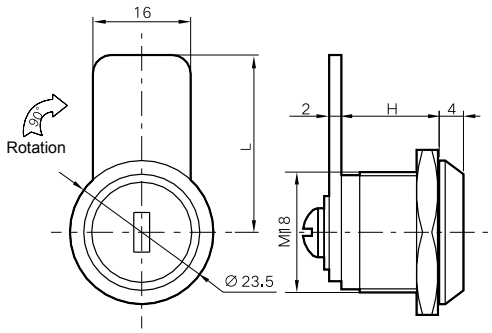
| Part Number | Type | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|
| 05710320E | 2 | 13 | 31 | 100 |
| 05710321E | 2 | 16 | 30 | 100 |
| 05710322E | 2 | 20 | 26 | 100 |
| 05730320E | 3 | 13 | 31 | 100 |
| 05730321E | 3 | 16 | 30 | 100 |
| 05730322E | 3 | 20 | 26 | 100 |

All dimensions in mm

## Mini Cam Lock

**Zinc alloy lock body, nut, galvanized lock plate**

- Surface treatment: bright chrome plating, sand chrome plating
- Applicable door thickness: 1~10mm






K0400



20030308

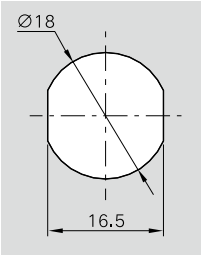


1437215



20030322

■ Cut out

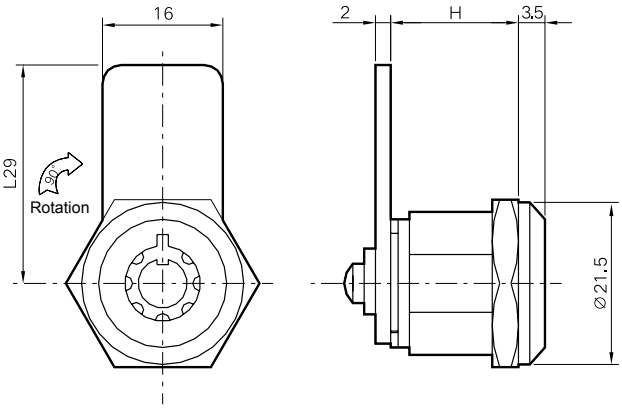



| Dimensions (mm) | | | Product Model and Characteristics | | |
|---|---|---|---|---|---|
| L | H | ∅ | Part Number | Product unit weight (g) | Std Pack Qty |
| 39 | 30 | 23.5 | 20030308 | 64 | 300 |
| 29 | 20 | 22.5 | 1437215 | 45 | 500 |
| 29 | 16 | 22.5 | 20030322 | 46.5 | 400 |

## Mini Cam Lock

**Zinc alloy lock body, nut, galvanized lock plate**

- Surface treatment: bright chrome plating, sand chrome plating
- Applicable door thickness: 1~10mm





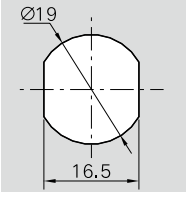



20030810



20030827

■ Cut out




| Dimensions (mm) | Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|---|
| H | | | |
| 23 | 20030810 | 70 | 250 |
| 13 | 20030827 | 11.5 | 250 |

SR 5527

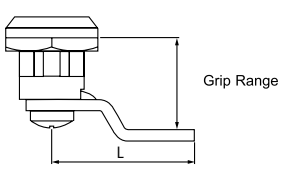
## Mini Qtr Turn Latches with 45° Housing

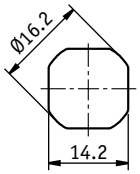
**Die-Cast Zinc Alloy**

- Specially designed internal spring provides 1mm of torsion
- Cam sits at a 45 degree angle to the housing
- Key sold separately





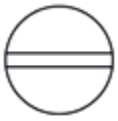






6mm Square



7mm Triangle



Slotted

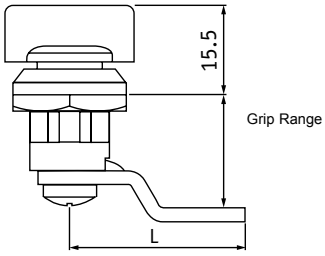
| Part Number | | Head Style | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | | | |
| 266112610E | 266122610E | 6 mm Square | 13.5 | 33 | 50 |
| 266112611E | 266122611E | 6 mm Square | 20.5 | 30 | 50 |
| 266112621E | 266122621E | 6 mm Square | 19.5 | 25 | 50 |
| 266113710E | 266123710E | 7 mm Triangle | 13.5 | 33 | 50 |
| 266113711E | 266123711E | 7 mm Triangle | 20.5 | 30 | 50 |
| 266113721E | 266123721E | 7 mm Triangle | 19.5 | 25 | 50 |
| 266114210E | 266124210E | Slotted | 13.5 | 33 | 50 |
| 266114211E | 266124211E | Slotted | 20.5 | 30 | 50 |
| 266114221E | 266124221E | Slotted | 19.5 | 25 | 50 |

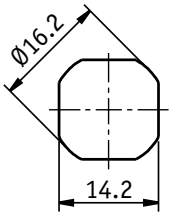
SR 5529

## Mini Cam Locks with Wing Knobs

**Die-Cast Zinc Alloy**






Fixing Hole

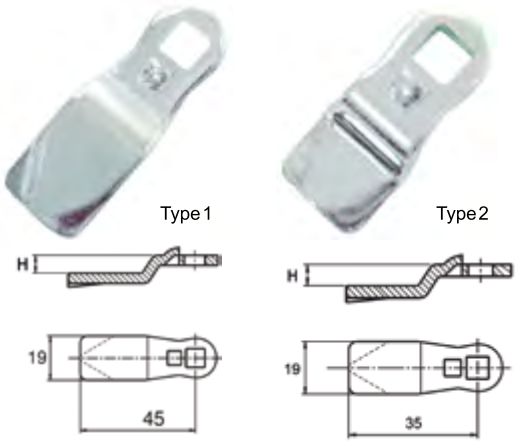
| Part Number | | Grip Range (mm) | L (mm) | Std Pack Qty |
|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | |
| 1661110E | 1661210E | 13.5 | 33 | 50 |
| 1661111E | 1661211E | 20.5 | 30 | 50 |
| 1661121E | 1661221E | 19.5 | 25 | 50 |

SR 5533

# Replacement Cams

**Zinc Plated Steel**

- Suitable for all standard quarter turns and cam locks
- Provide alternative grip range if used with pre-assembled locks




Cam 1: 45mm

| Part Number | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | H | Thickness | |
| 30403033E | 1 | 0 | 4 | 250 |
| 30403159E | 1 | 2 | 4 | 250 |
| 30403149E | 1 | 4 | 4 | 250 |
| 30403160E | 1 | 6 | 4 | 250 |
| 30403161E | 1 | 8 | 4 | 250 |
| 30403162E | 1 | 10 | 4 | 250 |
| 30403045E | 1 | 12 | 4 | 250 |
| 30403151E | 1 | 16 | 4 | 250 |
| 30403166E | 1 | 20 | 4 | 250 |
| 30403168E | 1 | 24 | 4 | 250 |
| 30403169E | 1 | -2 | 4 | 250 |
| 30403170E | 1 | -4 | 4 | 250 |
| 30403171E | 1 | -6 | 4 | 250 |
| 30403172E | 1 | -8 | 4 | 250 |
| 30403173E | 1 | -10 | 4 | 250 |
| 30403174E | 1 | -12 | 4 | 250 |
| 30403175E | 1 | -14 | 4 | 250 |

Cam 2: 35mm

| Part Number | Type | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | H | Grip Range | Thickness | |
| 30403189E | 2 | 10 | 28.5 * | 4 | 250 |
| 30403470E | 2 | 6 | 24.5 * | 4 | 250 |
| 30403185E | 2 | 0 | 18.5 * | 4 | 250 |
| 30403187E | 2 | -2 | 16.5 * | 4 | 250 |

* For SR 5514, 5518, 5522, 5523, 5525, 5530, 5532, 5537, 5560

SR 5533

# Actuater Plate

**Zinc Plated Steel**

- 3 point locking actuator plate
- Designed to fit with all standard cams, allowing for multiple locking points



| Part Number | Std Pack Qty |
|---|---|
| 30403499E | 50 |

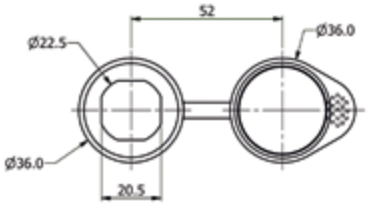
SR 5533

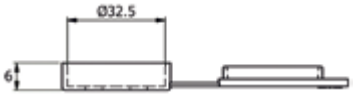
# Quarter Turn Acessories

• For use with all locks with a 20.2 x 22.2 fixing hole.



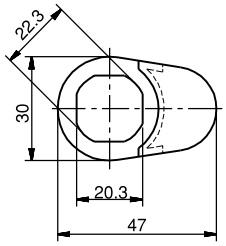
Dust Cap

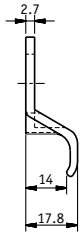




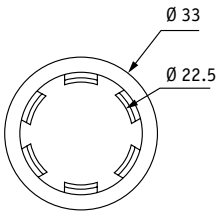

Lock Handle

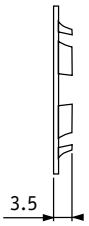




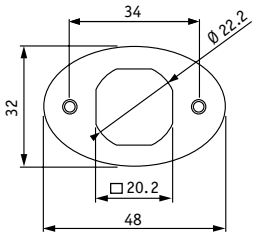

Fixing Device 1

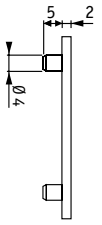




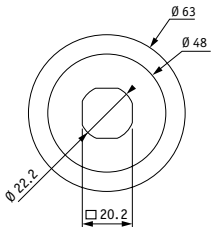

Fixing Device 2

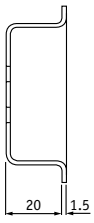


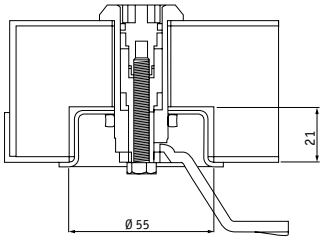






Spacer




All dimensions in mm

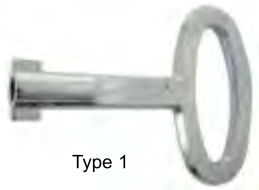
| Part Number | Type | Material | Std Pack Qty |
|---|---|---|---|
| 060A2E | Lock Handle | Polyamide | 100 |
| 060A3E | Fixing Device 1 | Spring Steel | 100 |
| 060A5E | Fixing Device 2 | Die Cast Zinc | 100 |
| 060A6E | Spacer | Zinc Plated Steel | 50 |
| 060A7E | Dust Cap | Polyurethane | 50 |

SR 5501

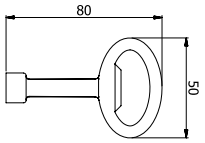
# Keys

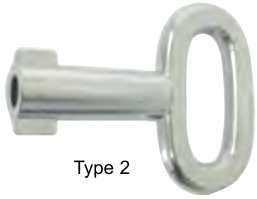
**Chrome Plated Zinc Alloy or Polyamide**

- Type 1: Large key for quarter turn locks only
- Type 2: Small key for Mini Cam locks & Quarter Turns

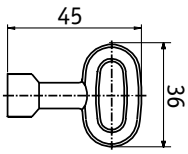


Type 1



Type 2







5mm Double Bit




3mm Double Bit




6mm Square



7mm Square




8mm Square




7mm Triangle



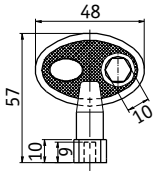
8mm Hexagon Security Key




8mm Triangle

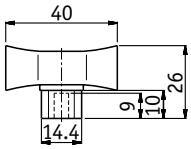


Type 3






Type 4




All dimensions in mm

| Part Number | Head Style | Type | Material | Std Pack Qty |
|---|---|---|---|---|
| 36813E | 3 mm Double Bit | 1 | Chrome Plated | 10 |
| 36815E | 5 mm Double Bit | 1 | Chrome Plated | 10 |
| 36827E | 7mm Square | 1 | Chrome Plated | 10 |
| 36828E | 8 mm Square | 1 | Chrome Plated | 10 |
| 36837E | 7 mm Triangle | 1 | Chrome Plated | 10 |
| 36838E | 8 mm Triangle | 1 | Chrome Plated | 10 |
| 36868E | 8 mm Hex. Security Key | 1 | Chrome Plated | 10 |
| 26713E | 3 mm Double Bit | 2 | Chrome Plated | 100 |
| 26715E | 5 mm Double Bit | 2 | Chrome Plated | 100 |
| 06726E | 6 mm Square | 2 | Chrome Plated | 100 |
| 26728E | 8 mm Square | 2 | Chrome Plated | 100 |
| 26737E | 6.5/7 mm Triangle | 2 | Chrome Plated | 100 |
| 26738E | 8 mm Triangle | 2 | Chrome Plated | 100 |
| 16915E | 5 mm Double Bit | 3 | Polyamide | 100 |
| 26915E | 5 mm Double Bit | 4 | Polyamide | 100 |
| 30202333E | Euro Key (5333) | - | - | 50 |

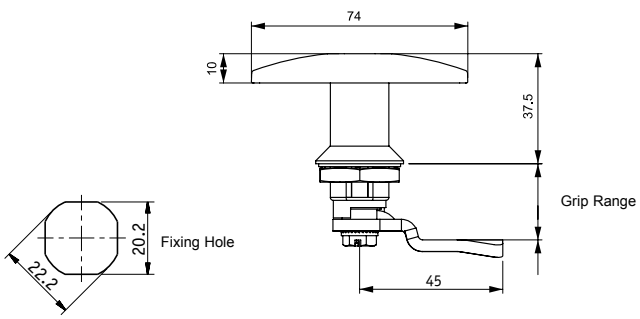
SR 5518

# ‘T’ & ‘L’ Handle Locks

**Body: Die-Cast Zinc Alloy with over-moulded Black polyamide or chrome finish**
**Cam: Steel**

- Available as keyed alike (1333) or keyed different
- Supplied with two keys

IP65

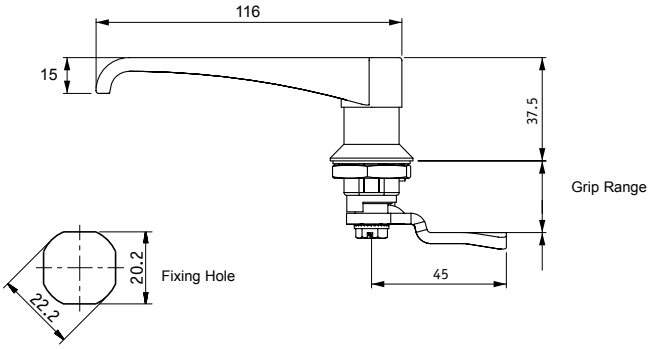





'T' Handle Lock

| Part Number | | | | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Keyed Alike | | Keyed Different | | | |
| Black | Chrome | Black | Chrome | | |
| 110200560E | 110110560E | 110120260E | 110110260E | 8.5 | 25 |
| 110200538E | 110110538E | 110120238E | 110110238E | 14.5 | 25 |
| 110200530E | 110110530E | 110120230E | 110110230E | 18.5 | 25 |
| 110200534E | 110110534E | 110120234E | 110110234E | 24.5 | 25 |
| 110200536E | 110110536E | 110120236E | 110110236E | 26.5 | 25 |
| 110200547E | 110110547E | 110120247E | 110110247E | 28.5 | 25 |

IP65






'L' Handle Lock

| Part Number | | | | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Keyed Alike | | Keyed Different | | | |
| Black | Chrome | Black | Chrome | | |
| 111200560E | 111110560E | 111120260E | 111110260E | 8.5 | 25 |
| 111200538E | 111110538E | 111120238E | 111110238E | 14.5 | 25 |
| 111200530E | 111110530E | 111120230E | 111110230E | 18.5 | 25 |
| 111200534E | 111110534E | 111120234E | 111110234E | 24.5 | 25 |
| 111200536E | 111110536E | 111120236E | 111110236E | 26.5 | 25 |
| 111200547E | 111110547E | 111120247E | 111110247E | 28.5 | 25 |

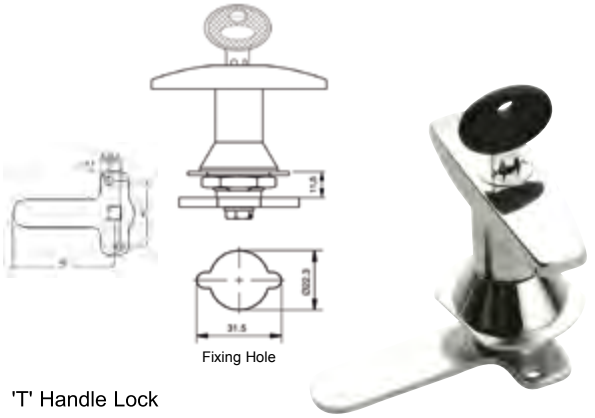
All dimensions in mm

SR 5519

## ‘T’ & ‘L’ Handle Cabinet Lock

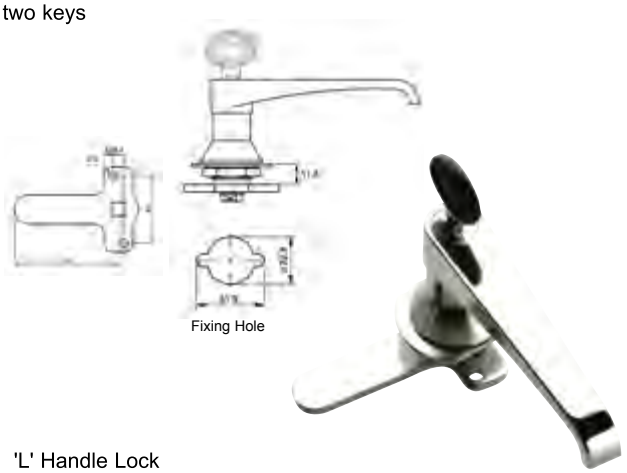
**Body: Chrome Plated Die-Cast Zinc Alloy**
**Cam: Steel**

- Ideal for metal document cabinet
- Keyed different
- Supplied with two keys




'T' Handle Lock

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 0101102001E | Right Hand | 25 |
| 0101102002E | Left Hand | 25 |




'L' Handle Lock

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 0111102001E | Right Hand | 25 |
| 0111102002E | Left Hand | 25 |

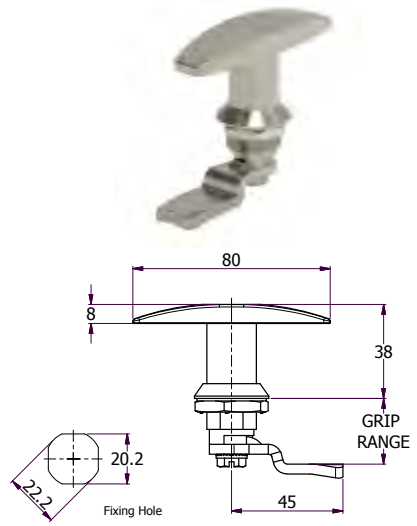
All dimensions in mm

SR 6414

## ‘T’ & ‘L’ Quarter Turn Blind Latch

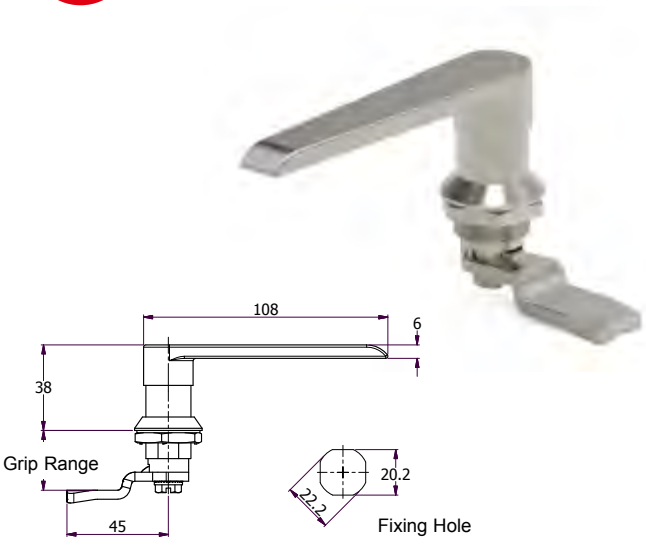
**Stainless Steel 316**

- Ideal for metal document cabinet




T Handle Latch

| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 110400060E | 8.5 | 25 |
| 110400038E | 14.5 | 25 |
| 110400030E | 18.5 | 25 |
| 110400034E | 24.5 | 25 |
| 110400036E | 26.5 | 25 |
| 110400047E | 28.5 | 25 |




L Handle Latch

| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 11140320060E | 8.5 | 25 |
| 11140320038E | 14.5 | 25 |
| 11140320030E | 18.5 | 25 |
| 11140320034E | 24.5 | 25 |
| 11140320036E | 26.5 | 25 |
| 11140320047E | 28.5 | 25 |

## T Handle Quarter Turn Lock

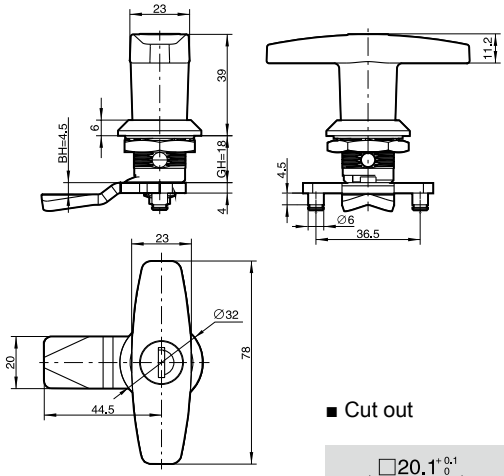
**Full stainless steel**

- Surface treatment: mirror polished or brushed
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening 8×8

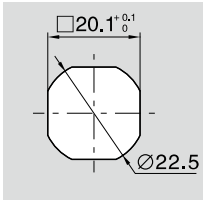


K333






■ Cut out




| Part Number | Product unit weight (g) | Std Pack Qty | Locking Mechanism |
|---|---|---|---|
| 20040598 | 290.5 | 100 | With lock cylinder |
| 20040604 | | 100 | No cylinder |

## L Handle Quarter Turn Lock

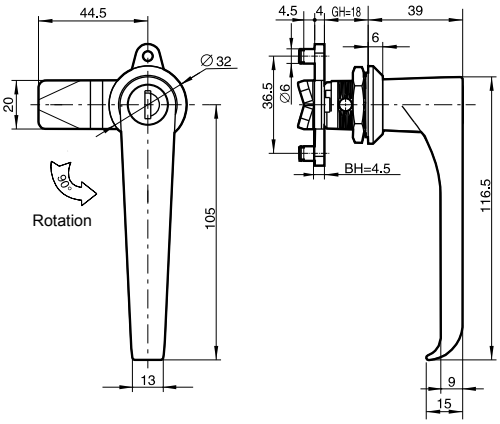
**stainless steel**

- Surface treatment: mirror polished or brushed
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening 8×8

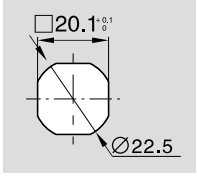


K333






■ Cut out




| Part Number | Product unit weight (g) | Std Pack Qty | Locking Mechanism |
|---|---|---|---|
| 20040611 | | 100 | With lock cylinder |
| 20040628 | 290.5 | 100 | No cylinder |

## L Handle Quarter Turn Lock

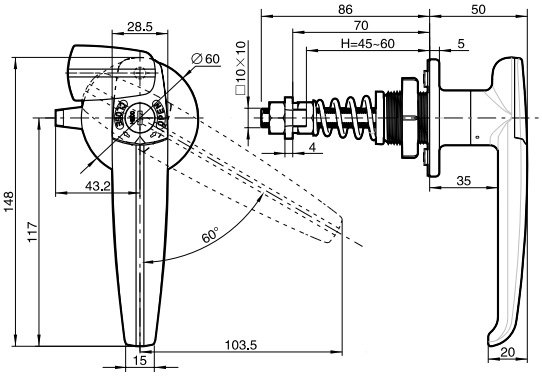
**Stainless steel**

- Surface treatment: mirror polished or brushed
- Structural function: the height of the seam can be adjusted from 45 to 60,
- There are two kinds of lock seats, 60 degrees for general use and 90 degrees for opening the door.
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening 10×10

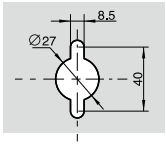




K0200




■ Cut out




(60° left or right open & 90° right open)

| Part Number | Rotation Angle | Product unit weight (g) | Std Pack Qty |
|---|---|---|---|
| 20040635 | (60°) | 644.5 | 40 |

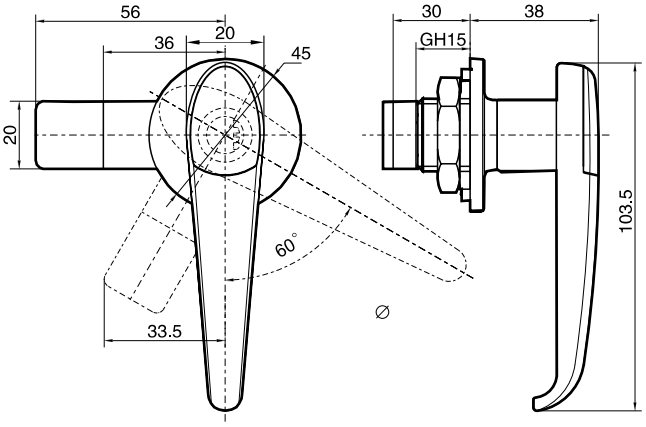
## L Handle Quarter Turn Lock

**Stainless steel**

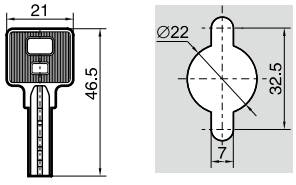
- Surface treatment: mirror polished or brushed
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening 8×8








■ Cut out




| Part Number | Rotation Angle |
|---|---|
| 20040673 | (60°) |

SR 5476

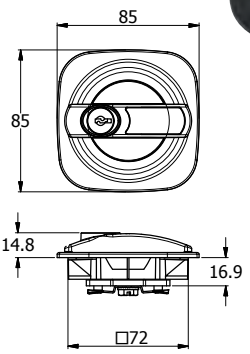
## Cupboard Locks

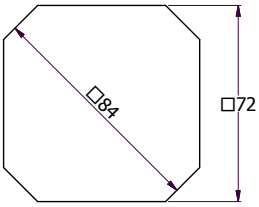
**Die-Cast Zinc Alloy**

- Steel knobbed cupboard lock with a plastic body
- Suitable for steel cupboards
- Rod assembly made easy by special fixing plate
- Clip on body aids assembly
- Includes stainless steel dust cap

Type 1 - Keyed Alike
Type 2 - Keyed Different






| Part Number | Type | Finish | Std Pack Qty |
|---|---|---|---|
| 03520110101E | 1 | Chrome | 20 |
| 03520110201E | 2 | Chrome | 20 |
| 03520120101E | 1 | Black Coated | 20 |
| 03520120201E | 2 | Black Coated | 20 |

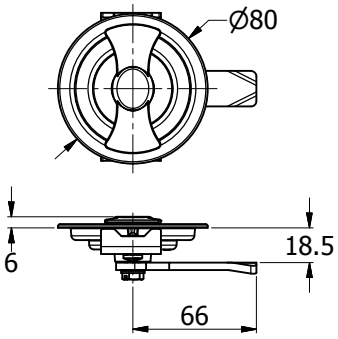
SR 5481

## Heavy Duty Cabinet Lock

**Die-Cast Zinc Alloy**

- Specialised fixing plate ensures easy fixing
- Flush design provides flat surface on cabinet
- Chrome finish








| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 0132111170E | 18.5 | 50 |

SR 5538

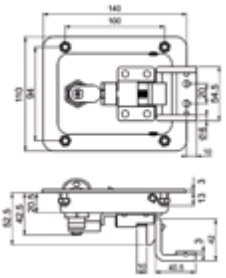
# Heavy Duty Paddle Latch

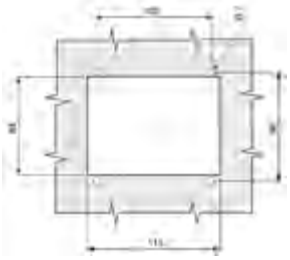
**Body and Handle: Black Steel or Polyamide**
**Cam: Steel or Brass**

- Avaliable in Eurokey or keyed different
- For all types: Lock can be opened from the inside by moving the cam
- Keyed alike with stainless steel shutter
- Supplied with one key 4444
- IP54

Type 1

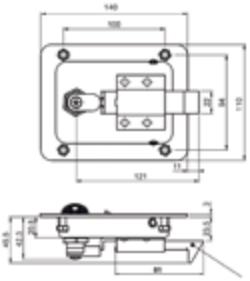


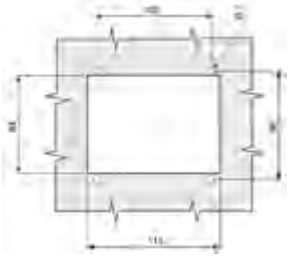




Type 2





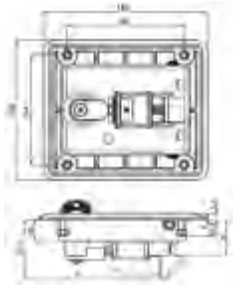


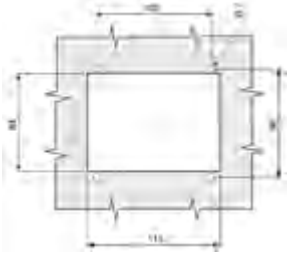


Locking Device

Type 3







Locking Device

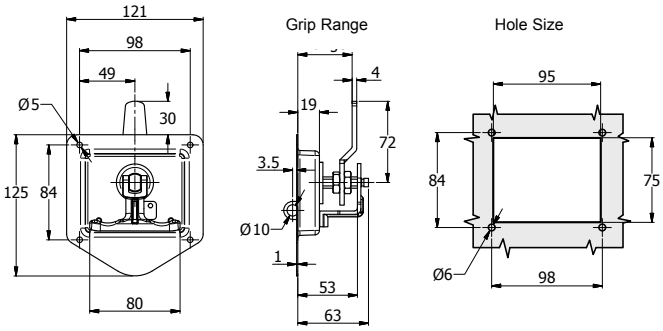
| Part Number | | Type | Type | Sealing Ring | Hasp Deadbolt | Lock Body and Handle Material | Cam Material | Std Pack Qty. |
|---|---|---|---|---|---|---|---|---|
| Key Alike | Key Difference | | | | | | | |
| 01662031E | 01662321E | 1 | Spring Type | Included | Included | Black Powder Coating, Steel | Steel | 1 |
| 01662033E | 01662323E | 2 | Dead bolt Buckle | Included | Not Included | Black Powder Coating, Steel | Brass | 1 |
| 016200301E | 016203201E | 3 | Spring Type | Not Included | Included | Black Nylon | Steel | 1 |

SR 5015

## IP65 T Handle Heavy Duty Lock - Padlockable

**IP65 T Handle Heavy Duty Lock - Padlockable**
**Lock body: stainless steel**
**Handle: Zinc alloy DIN-EN 1774-ZnAl4Cu1**
**Padlock Hasp: Stainless Steel**
**Tongue: Steel**

- Suitable for heavy cabinet equipment
- Adjustable locking distance
- Maximum padlock diameter 9mm





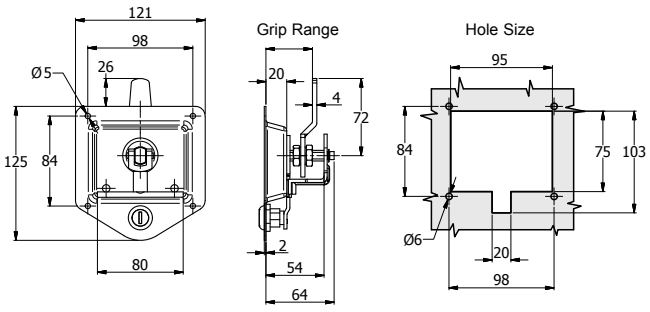

| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 11540 | 39.0 to 54.0 | 5 |

SR 5016

## IP65 T Handle Heavy Duty Lock

**Lock body: stainless steel**
**Handle: Zinc alloy DIN-EN 1774-ZnAl4Cu1**
**Tongue: steel**

- Suitable for heavy cabinet equipment
- Adjustable locking distance
- Maximum padlock diameter 9mm






| Part Number | Grip Range (mm) | Std Pack Qty |
|---|---|---|
| 21500 | 39.0 to 54.0 | 5 |

## T Handle Paddle Latch

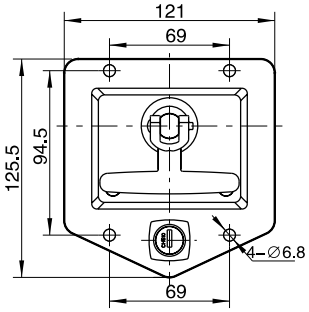
**Stainless steel panel, zinc alloy handle, lock case, shaft sleeve, carbon steel screw, lock piece**

- Surface treatment: mirror polished stainless steel panel, bright chrome plated handle, lock case,
- Accessories blue and white zinc plated
- Applicable door thickness: 1~4.5

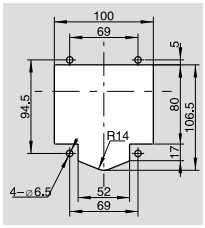




CH510




■ Cut out



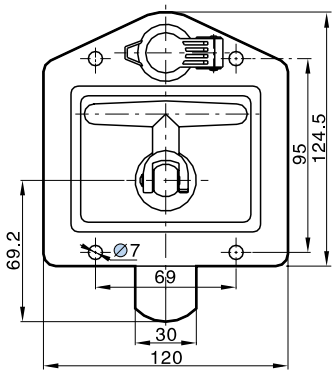

| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20040536 | 660.2 | 24 |

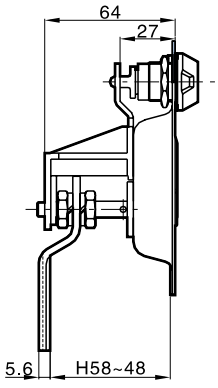
## T Handle Paddle Latch

Mirror stainless steel panel, zinc alloy
Handle, galvanized lock
Applicable door thickness: 1~4.5mm

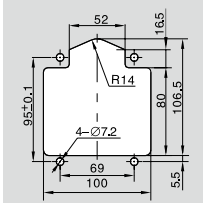







■ Cut out



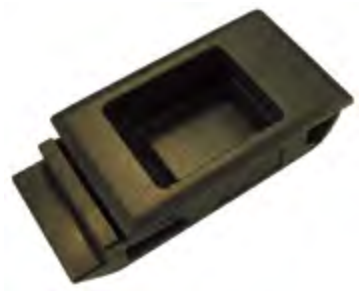

| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20040550 | 650 | 24 |

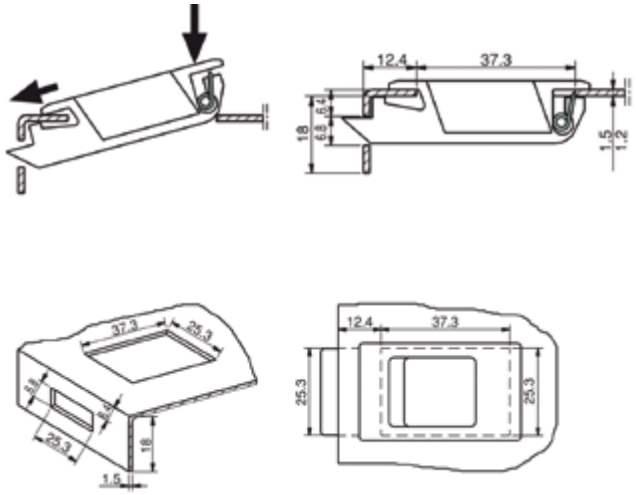
SR 5539

# Sliding Locks

**Body: ABS**
**Spring: Stainless Steel**

- Easy fixing
- Quick slide movement releases catch
- Mini Lock suitable for small panel doors

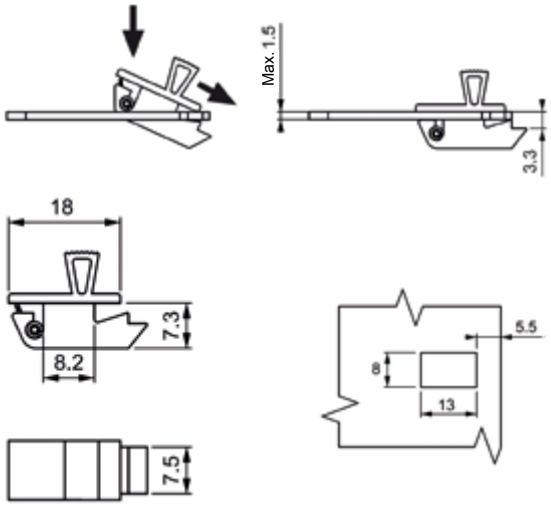





Sliding Lock

| Part Number | Type | Max Panel Thickness (mm) | Std Pack Qty |
|---|---|---|---|
| 07112E | 1 | 1.2 | 250 |
| 07115E | 2 | 1.5 | 250 |






Mini Sliding Lock

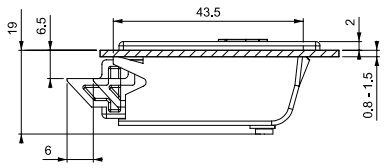
| Part Number | Max Panel Thickness (mm) | Std Pack Qty |
|---|---|---|
| 171E | 1.5 | 250 |

SR 5017

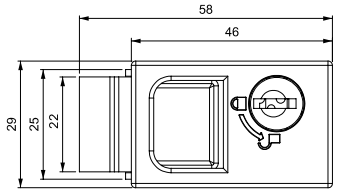
# Sliding Lock

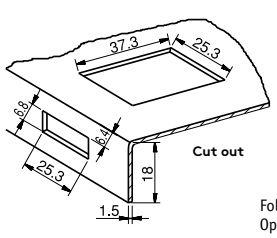
**Lock body: PA 6 GFR 30**
**Spring: stainless steel**
**Cylinder: Zinc alloy DIN-EN 1774-ZnAl4Cu1**

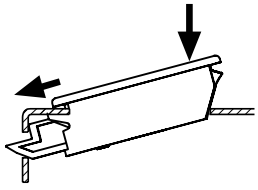
- Two-piece design prevents paint problems from knocking off the door
- Suitable for small doors
- The fuselage comes with bayonet, easy to assemble
- Panel thickness 0.8mm - 1.5mm





Follow the arrows instruction for assembly
Open or close supplied by internal movable parts

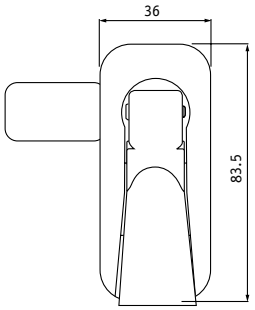
| Part Number | Locking Distance (mm) | Std Pack Qty |
|---|---|---|
| 57103E | Keyed Alike | 100 |
| 57132E | Key Difference | 100 |

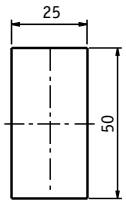
SR 5512

# Lift & Turn Cam Latches

**Polyamide Body**

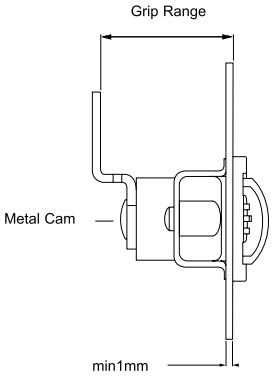
- Low profile handle stows away when not in use
- 90° rotation
- Simple assembly using bracket or snap in fixing



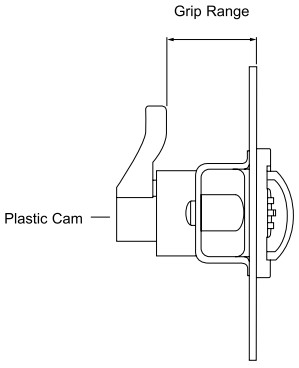




Fixing Hole






Type 1 - Screw on Fixing




Type 2 - Snap in Fixing

Suitable for panel thickness from 0.8 - 2.0mm



Type 1



Type 2

| Part Number | | Type | Grip Range (mm) | Cam Length (mm) | Cam Type | Std Pack Qty |
|---|---|---|---|---|---|---|
| Right Hand | Left Hand | | | | | |
| 072180001E | 072180002E | 1 | 25 | 25 | Plastic | 50 |
| 072150001E | 072150002E | 1 | 29 | 43 | Steel | 50 |
| 072151001E | 072151002E | 1 | 36 | 40 | Steel | 50 |
| 072152001E | 072152002E | 1 | 39 | 37 | Steel | 50 |
| 072280001E | 072280002E | 2 | 25 | 25 | Plastic | 50 |
| 072250001E | 072250002E | 2 | 29 | 43 | Steel | 50 |
| 072251001E | 072251002E | 2 | 36 | 40 | Steel | 50 |
| 072252001E | 072252002E | 2 | 39 | 37 | Steel | 50 |

All dimensions in mm

SR 5537

# Large Swing Handles

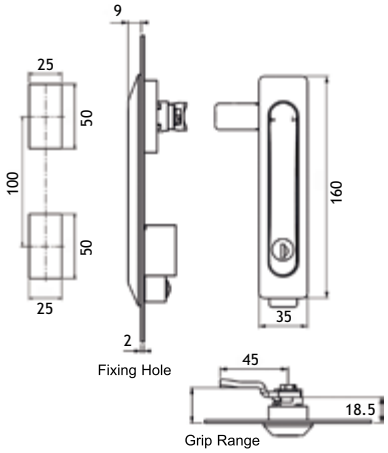
**Type 1: Metal body handle is durable and secure**
**Type 2: All plastic version**

- Available as keyed alike (5333) or keyed different
- Keyed versions have a stainless steel keyhole cover
- Slam action spring-loaded handle
- Can be used indoors or outdoors
- Ideal for cabinets and enclosures





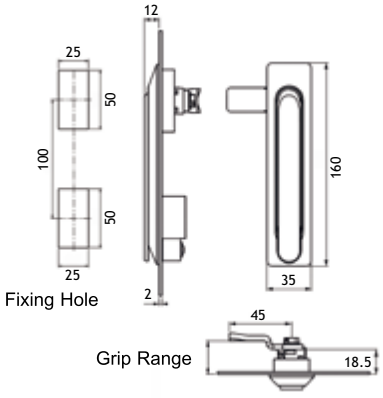
Type 1








Type 2




Type 1

| Part Number | | | | Grip Range (mm) | Body Material | Handle Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Black | | Chrome | | | | | |
| Keyed Alike | Keyed Different | Keyed Alike | Keyed Different | | | | |
| 108220534E | 108223234E | - | - | 24.5 | Polyamide | Die-cast Zinc Alloy | 5 |
| 108220536E | 108223236E | - | - | 26.5 | Polyamide | Die-cast Zinc Alloy | 5 |
| 108220547E | 108223247E | - | - | 28.5 | Polyamide | Die-cast Zinc Alloy | 5 |
| 10812120534E | 10812123234E | 10811110534E | 10811113234E | 24.5 | Die-cast Zinc Alloy | Die-cast Zinc Alloy | 1 |
| 10812120536E | 10812123236E | 10811110536E | 10811113236E | 26.5 | Die-cast Zinc Alloy | Die-cast Zinc Alloy | 1 |
| 10812120547E | 10812123247E | 10811110547E | 10811113247E | 28.5 | Die-cast Zinc Alloy | Die-cast Zinc Alloy | 1 |

Type 2

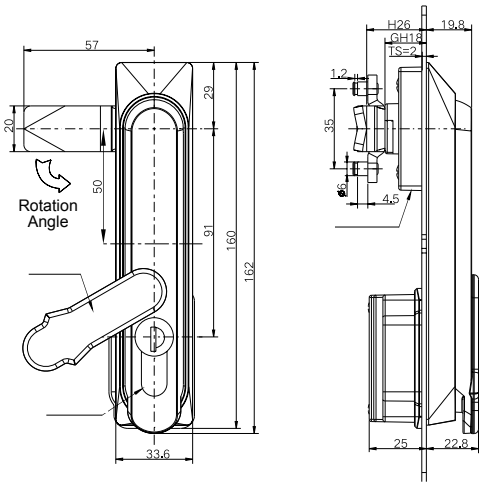
| Part Number | | | Grip Range (mm) | Body Material | Handle Material | Std Pack Qty |
|---|---|---|---|---|---|---|
| Keyed Alike | Keyed Different | No Lock | | | | |
| 208200534E | 208203234E | 2182034E | 24.5 | Polyamide | Polyamide | 5 |
| 208200536E | 208203236E | 2182036E | 26.5 | Polyamide | Polyamide | 5 |
| 208200547E | 208203247E | 2182047E | 28.5 | Polyamide | Polyamide | 5 |

## Swing Handle Lock

**PA lock body, zinc alloy shaft, galvanized lock plate, sandblasted bright chrome plated rack**

- Applicable door thickness: 2mm
- Surface treatment: black sand surface
- Lock opening: 8×8
- Remarks: The rear cover of the hinge does not have a positioning point

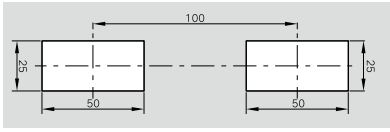





Optional lock series

| Type | Product and Characteristics | | | |
|---|---|---|---|---|
| | Body Material | Part Number | Product unit weight (g) | Std Pack Qty |
| K0100(A) | Black Powdered Coated | 20025151 | 270 | 50 |

■ Cut out

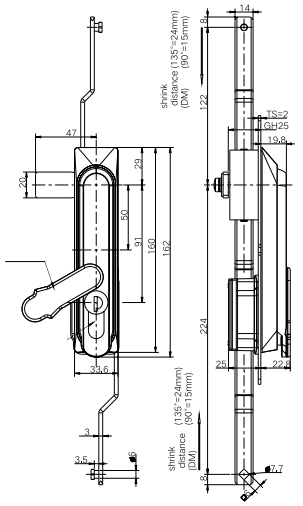


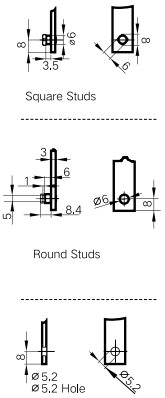

## Swing Handle Rod Lock

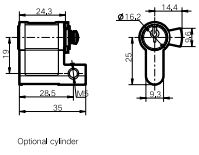
**PA lock body, copper shaft, or galvanized steel shaft, Cleat, sandblasted bright chrome plated rack**

- Surface treatment: black sand surface
- Applicable door thickness: 2mm
- Remarks: locking piece opening 8×8

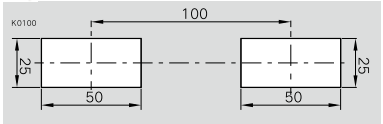





■ Cut out




Optional lock series

| Type | Product and Characteristics | | | |
|---|---|---|---|---|
| | Body Material | Part Number | Product unit weight (g) | Std Pack Qty |
| K0100(A) | Black Powdered Coated | 20025793 | 270 | 50 |

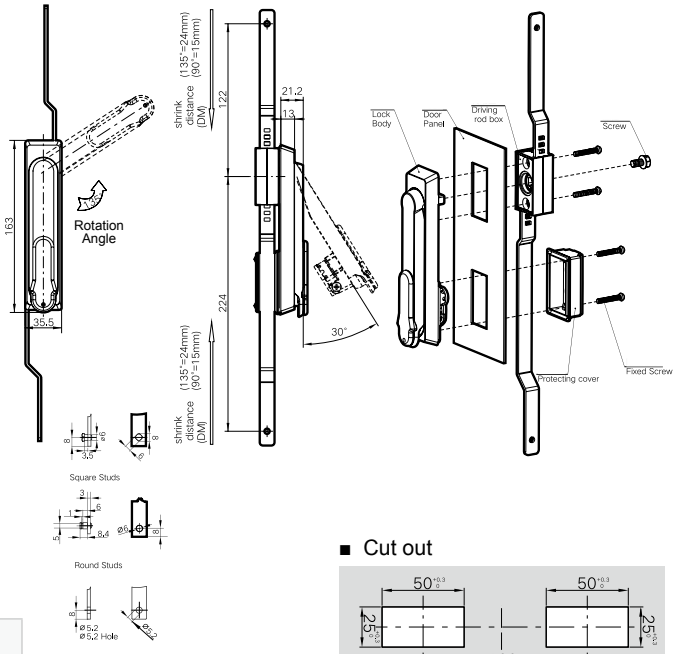
## Swing Handle Rod Lock

**Stainless steel lock body, sandblasted bright chrome plated rack**

- Surface treatment: brushed
- Applicable door panel thickness: 1~3mm








■ Cut out




| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20040581 | 854 | 50 |

## Swing Handle Rod Lock

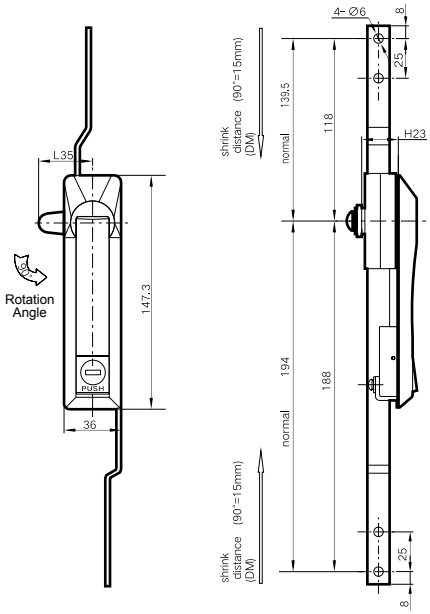
**Zinc alloy lock body, galvanized lock plate, mounting plate, sandblasted bright chrome plated rack**

- Applicable door panel thickness: 1~2.5mm
- Remarks: locking piece opening 8×8

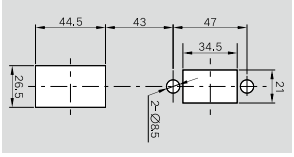




K0540




■ Cut out



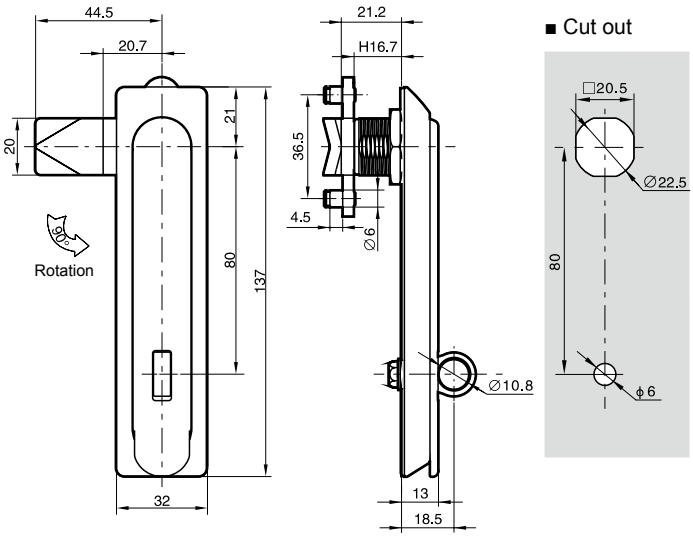

| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20027995 | 530 | 50 |

## Swing Handle Lock

**Padlockable, Stainless steel**

- Surface treatment: brushed
- Applicable door thickness: 1~8mm
- Remarks: locking piece opening 8×8





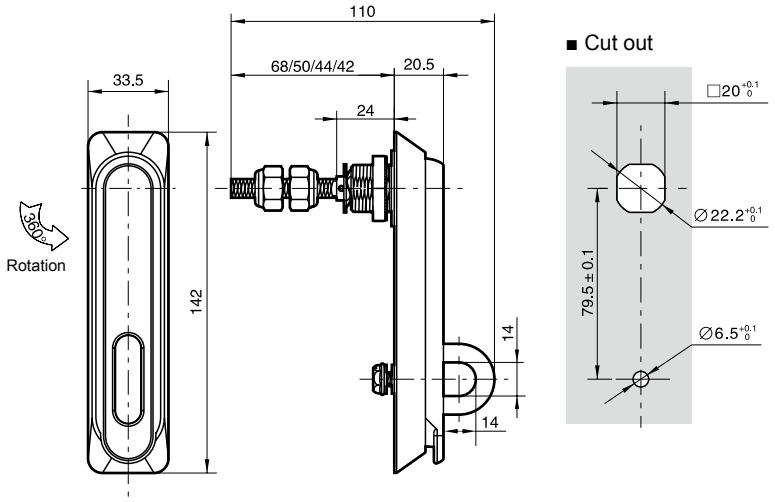

| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20040468 | 315 | 50 |

## Swing Handle Rod Lock

**Stainless steel lock body**

- Surface treatment: brushed
- Applicable door thickness: 1~10mm
- Remarks: locking piece opening 8×8






| Part Number | Std Pack Qty |
|---|---|
| 20040475 | 50 |

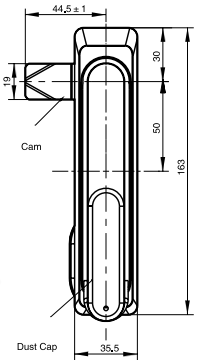
## Swing Handle Rod Lock

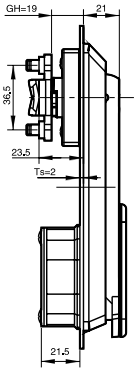
**Stainless steel lock body**

- Surface treatment: brushed
- Applicable door panel thickness: 1~3mm

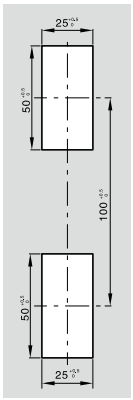
| Part Number | Std Pack Qty |
|---|---|
| 20030322 | 50 |






■ Cut out




SR 5537

## Small Swing Handles

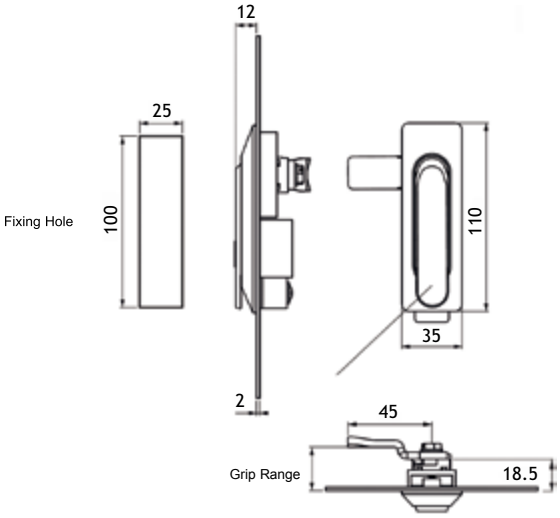
- Available with no lock, keyed alike or keyed different
- Keyed versions come supplied with two keys
- Keyed versions have a stainless steel dust cover on the lock



Type 4



Type 5




Type 4 & 5

| Part Number | | | Type | Grip Range (mm) | Body Material | Handle Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| No Lock | Keyed Alike | Keyed Different | | | | | |
| 031820234E | - | - | 4 | 24.5 | Polyamide | Polyamide | 5 |
| 031820236E | - | - | 4 | 26.5 | Polyamide | Polyamide | 5 |
| 3182020047E | - | - | 4 | 28.5 | Polyamide | Polyamide | 5 |
| - | 3081220534E | 3081223234E | 5 | 24.5 | Polyamide | Die-cast Zinc Alloy | 5 |
| - | 03081220536E | 3081223236E | 5 | 26.5 | Polyamide | Die-cast Zinc Alloy | 5 |
| - | 3081220547E | 3081223247E | 5 | 28.5 | Polyamide | Die-cast Zinc Alloy | 5 |
| - | 03082020534E | 3082023234E | 5 | 24.5 | Polyamide | Polyamide | 5 |
| - | 03082020536E | 3082023236E | 5 | 26.5 | Polyamide | Polyamide | 5 |
| - | 03082020547E | 3082023247E | 5 | 28.5 | Polyamide | Polyamide | 5 |

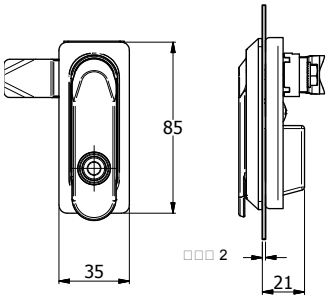
SR 5019

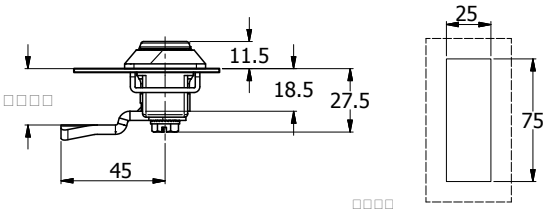
## Crank Lock

**Lock body: PA DIN-EN ISO 1043-1 PA6 GFR301**
**Handle: PA DIN-EN ISO 1043-1 PA6 GFR30**
**Button: zinc alloy DIN-EN 1774-ZnAl4Cu 1**
**Tongue: steel**
**Seal: Rubber**

- Indoor cabinet application
- Unlock with the push of a button
- Suitable for electrical panels, mechanical covers and rack cabinets
- Keyless






| Part Number | | Locking Distance (mm) | Std Pack Qty |
|---|---|---|---|
| Chrome | Black Finish | | |
| 708201134 | 708201234 | 24.5 | 25 |
| 708201136 | 708201236 | 26.5 | 25 |
| 708201147 | 708201247 | 28.5 | 25 |

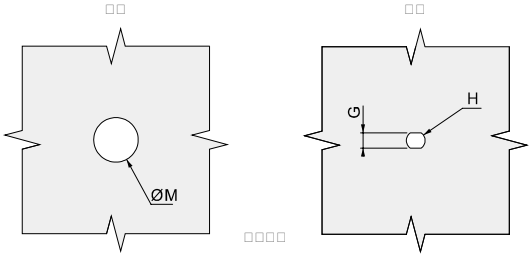
SR 5022

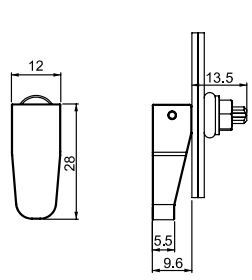
## Expansion Lock

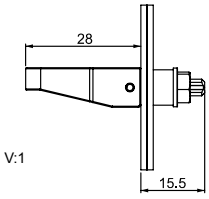
**Handle: PA DIN-EN ISO 1043-1 PA6 GFR 30**
**Gasket: PA66**
**Nut: PA66**
**Bushing: SBR rubber**

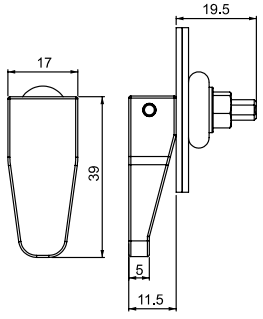
- Suitable for cabinets with high requirements under vibration conditions
- Special opening sizes for different frame thicknesses

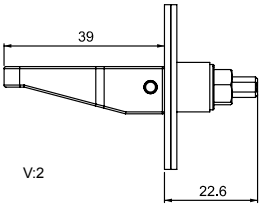





| Part Number | | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| V:1 | V:2 | G | H | Frame Thickness | Hole size | |
| 270201E | 270201E | 3.3 | 4.1 | 3.2 | 9.5 | 50 |
| 270202E | 270202E | 4.5 | 5.8 | Max. 3.2<br>3.2 - 4.8 | 13.5<br>14 | 50 |

SR 5543

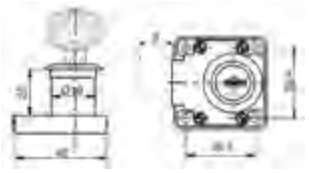
## Furniture Locks

**Type 1: Chrome Plated Steel body with Stainless Steel Slide**
**Type 2 & 3: Chrome Plated Steel**

- Type 1: Ideal for glass doors
- Type 2: Wooden furniture locks suitable for drawers, cupboards, etc.
- Keyed different

Type 1

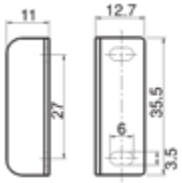




Type 2



Type 3



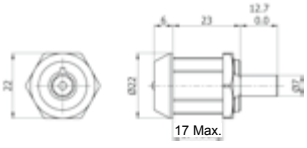

| Part Number | Type | Style | Std Pack Qty |
|---|---|---|---|
| 02002E | 1 | Glass Door Lock | 25 |
| 03202E | 2 | Wooden Lock | 25 |
| 030A1E | 3 | Lock Catch | 250 |

SR 1887

## Pushlock, Nut Fixing

**Die-Cast Zinc Alloy**

- Radial pin tumbler lock offers a convenient ‘push to lock, key to open’ operation
- Fits a standard 19mm x 16mm ‘double D’ hole
- Suitable for applications such as sliding doors, display cabinets, security grilles and shutters






| Part Number | Keying | Std Pack Qty |
|---|---|---|
| 492868 | Keyed alike | 5 |
| 492869 | Keyed to differ | 5 |

SR 1887

## Budget Pushlock, Nut Fixing

**Die-Cast Zinc Alloy**

- The disc tumbler mechanism has a convenient ‘push to lock, key to open’ operation
- Fits a standard ‘double D’ mounting hole
- Suitable for sliding doors, display cabinets and glass-fronted noticeboards



| Part Number | Keying | Std Pack Qty |
|---|---|---|
| 492870 | Keyed alike | 5 |

SR 1887

## Budget Pushlock, Flange Fixing

**Die-Cast Zinc Alloy**

- Provides effective security through a reliable ‘push to lock, key to open’ operation
- Use to secure sliding doors and other frequently used applications
- The key can be withdrawn in the fully unlocked position, preventing locking when frequent access is required



| Part Number | Keying | Std Pack Qty |
|---|---|---|
| 492871 | Keyed alike | 5 |

SR 1887

## Cam Lock, Radial Pin Tumbler - Brass

**Brass**

- Offers excellent quality and reliability
- Suitable for use indoors and out
- Supplied in packs of 10



| Part Number | Keying | Cam Type | Std Pack Qty |
|---|---|---|---|
| 492878 | Keyed alike | Type 1 | 10 |

SR 1887

## Cam Lock, Radial Pin Tumbler

**Die-Cast Zinc Alloy**

- A good quality cam lock with a die-cast alloy body
- Supplied in packs of 10
- Provides the security of a radial pin tumbler mechanism at a competitive price



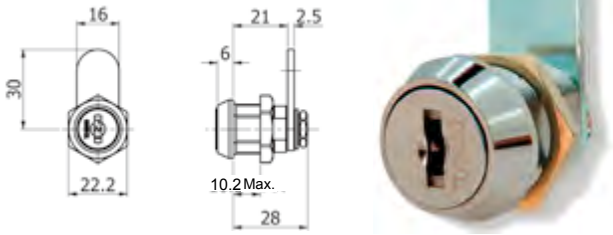

| Part Number | Grip Range (mm) | Keying | Cam Type | Std Pack Qty |
|---|---|---|---|---|
| 492879 | 18.0 | Keyed alike | Type 1 | 10 |
| 492880 | 18.0 | Keyed to differ | Type 1 | 10 |
| 492881 | 30.0 | Keyed alike | Type 1 | 10 |
| 492882 | 30.0 | Keyed to differ | Type 1 | 10 |

SR 1887

## Cam Lock, 10 Disc Tumbler

**Die-Cast Zinc Alloy**

- Provides above-average security for cabinets, lockers, display units, stock cupboards, etc
- The locking/unlocking action prevents the cam from falling back under its own weight if keys are left in the lock
- Fits a standard 'double D' mounting hole, using the fixing nut
- Supplied in packs of 10



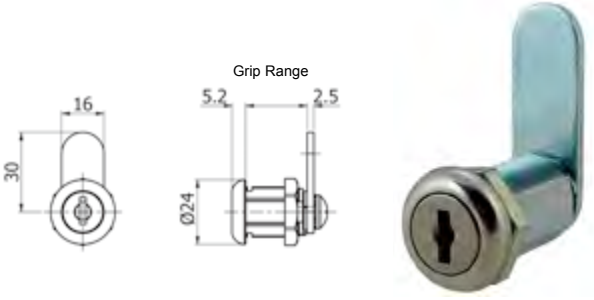

| Part Number | Keying | Cam Type | Std Pack Qty |
|---|---|---|---|
| 492889 | Keyed alike | Type 2 | 10 |
| 492890 | Keyed to differ | Type 2 | 10 |

SR 1887

## Cam Lock, 5 Disc Tumbler

**Die-Cast Zinc Alloy**

- A budget priced disc tumbler lock for use where low cost is of greater consideration than high security
- Manufactured from die-cast alloy and has a stainless steel cap
- Supplied in packs of 10



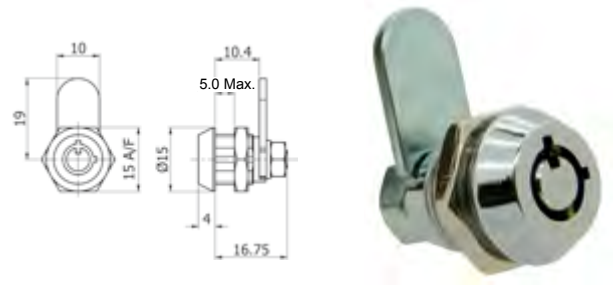

| Part Number | Grip Range (mm) | Keying | Cam Type | Std Pack Qty |
|---|---|---|---|---|
| 492883 | 16.0 | Keyed alike | Type 2 | 10 |
| 492884 | 16.0 | Keyed to differ | Type 2 | 10 |
| 492885 | 23.0 | Keyed alike | Type 2 | 10 |
| 492886 | 23.0 | Keyed to differ | Type 2 | 10 |
| 492887 | 30.0 | Keyed alike | Type 2 | 10 |
| 492888 | 30.0 | Keyed to differ | Type 2 | 10 |

SR 1887

## Miniature Cam Lock, Radial Pin Tumbler

**Die-Cast Zinc Alloy**

- A cam lock offering full security and functionality for applications where space is limited
- Supplied in packs of 25
- Suitable for use on cabinets, display units, stock cupboards and other applications with doors, panels or flaps that need to be secured



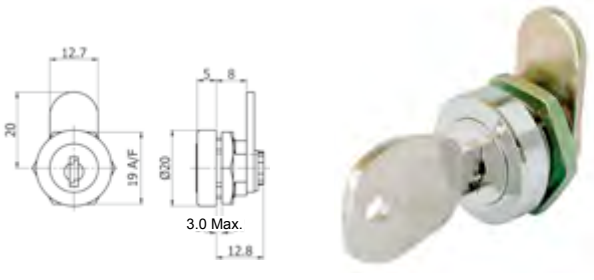

| Part Number | Keying | Std Pack Qty |
|---|---|---|
| 492893 | Keyed alike | 25 |

SR 1887

## Miniature Cam Lock, 5 Disc Tumbler

**Die-Cast Zinc Alloy**

- A cam lock offering full security and functionality for applications where space is limited
- Supplied in packs of 25



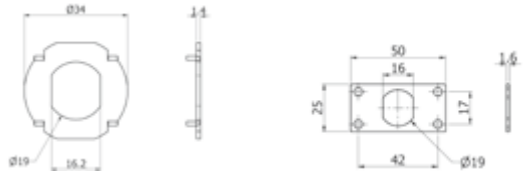

| Part Number | Keying | Cam Type | Std Pack Qty |
|---|---|---|---|
| 492892 | Keyed to differ | 20mm flat | 25 |
| 492891 | Keyed alike | 20mm flat | 25 |

SR 1887

## Cam Lock Wood Washer and Cam Lock Locating Plate

**Steel**

- The wood washer prevents a cam lock from rotating in wooden applications where it is convenient to drill a round hole for fitting the lock
- The locating or mounting plate is steel and enables a cam lock with a 19mm x 15.9mm 'double D' profile to be fixed securely





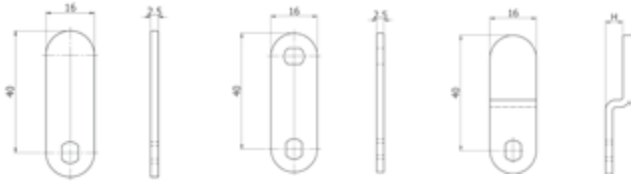

| Part Number | Part Name | Std Pack Qty |
|---|---|---|
| 492903 | Cam Lock Wood Washer | 50 |
| 492904 | Cam Lock Locating Plate | 50 |

SR 1887

## Alternative Steel Cams, Type 1

**Steel**

- To fit Part number 492878 through to 492882
- Zinc plated to resist corrosion
- Cranked cams are used to increase or decrease the 'effective length' of the cam lock
- Part number 492895 has both a vertical and a horizontal hole to allow fitting at all four 'quarter hour' positions
- Supplied in packs of 50





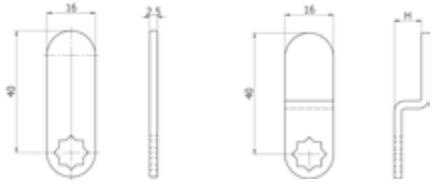

| Part Number | Description | Std Pack Qty |
|---|---|---|
| 492894 | Flat; vertical hole | 50 |
| 492896 | 3mm crank | 50 |
| 492897 | 6mm crank | 50 |
| 492898 | 9mm crank | 50 |

SR 1887

## Alternative Steel Cams, Type 2

**Steel**

- To fit part number 492883 through to 492890
- Cranked cams are used to increase or decrease the 'effective length' of the cam lock
- Supplied in packs of 50






| Part Number | Description | Std Pack Qty |
|---|---|---|
| 492899 | Flat; vertical hole | 50 |
| 492900 | 3mm crank | 50 |
| 492901 | 9mm crank | 50 |
| 492902 | 12mm crank | 50 |

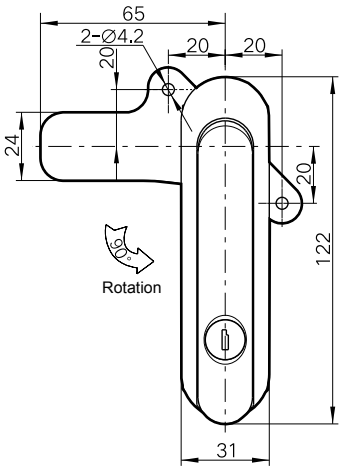
## Swing Handle Lock

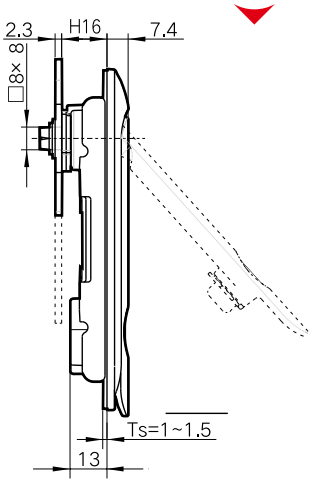
**Stainless steel 304**

New

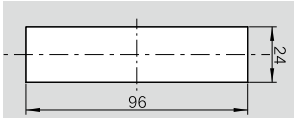
- Surface treatment: mirror polished or brushed
- Structure and function: the handle is opened upwards, and the locking plate is driven to rotate 90° to realize opening or locking
- Applicable door panel thickness: 1~5mm
- Remarks: locking piece opening 8×8






■ Cut out




| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20040413 | 287 | 100 |

## Compression Lever Lock

**Zinc alloy lock body, galvanized pressure plate, lock piece**

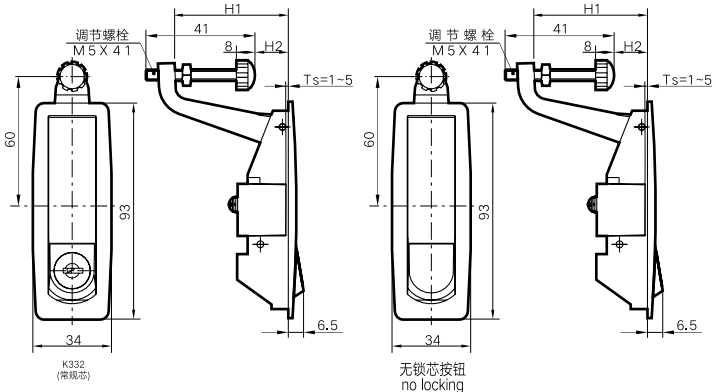
- Surface treatment: bright chrome plating, matte black spray



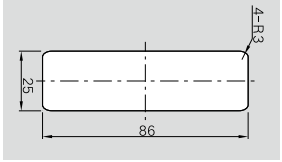
K332



1437202 1437203 1437204 1437205




■ Cut out




| Dimensions (mm) | | | Product Characteristics | | | | | |
|---|---|---|---|---|---|---|---|---|
| H1 | H2 | Locking Mechanism | With Lock Cylinder | Product unit weight (g) | Std Pack Qty | Without Lock Cylinder | Product unit weight (g) | Std Pack Qty |
| 48.5 | 14~37 | Big Lock Backing | 20024192 | 220 | 100 | 20024130 | 215 | 100 |
| 27.5 | 0~16 | Small Lock Backing | 20024208 | 215 | 100 | 20024147 | 210 | 100 |

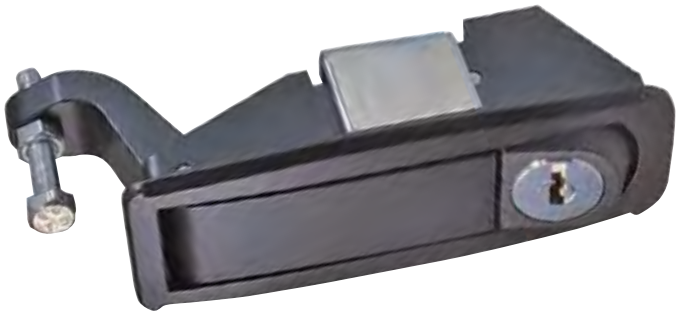
SR 5090

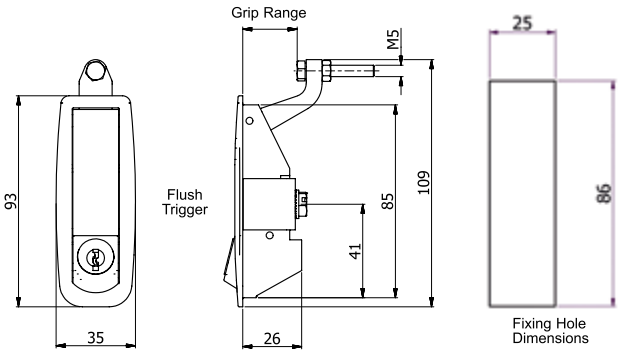
## Raised Trigger Handle Latches

LINE EXTENSION

**Black Powder-Coated Die-cast Zinc**

- Raised trigger design
- 0-24mm or 24-46mm adjustable grip range
- Available as keyed alike (5333), keyed different or no lock
- Supplied with 2 keys per lock
- Suitable for panel thickness of ≤2mm






| Part Number | Grip Range (mm) | Locking Mechanism | Std Pack Qty |
|---|---|---|---|
| 1772200E | 0-24 | No | 40 |
| 1772201E | 0-24 | Keyed Alike (5333) | 40 |
| 1772202E | 0-24 | Keyed Different | 40 |
| 1771200E | 24-46 | No | 40 |
| 1771201E | 24-46 | Keyed Alike (5333) | 40 |
| 1771202E | 24-46 | Keyed Different | 40 |

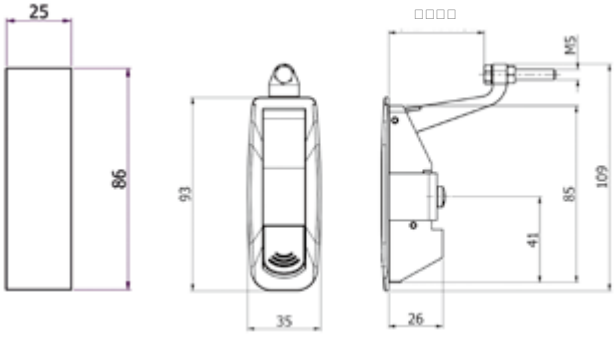
SR 5090

## Flat Button Lever Compression Latches

**Zinc alloy black powder coating**
**Locking distance with door trigger**

- Indoor cabinet application
- Unlock with the push of a button
- Suitable for electrical panels, mechanical covers and rack cabinets
- Keyless






| Part Number | Grip Range (mm) | Locking Mechanism | Std Pack Qty |
|---|---|---|---|
| 0772200E | 0-24 | No | 40 |
| 0772201E | 0-24 | Keyed Alike (5333) | 40 |
| 0772202E | 0-24 | Keyed Different | 40 |
| 0771200E | 24-46 | No | 40 |
| 0771201E | 24-46 | Keyed Alike (5333) | 40 |
| 0771202E | 24-46 | Keyed Different | 40 |

SR 5435

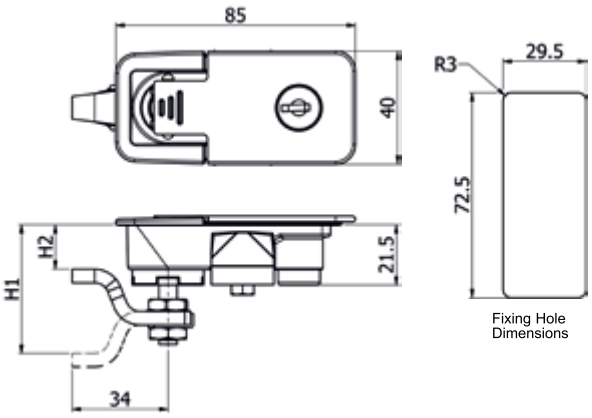
## Lift and Turn Compression Latch

**Black Powder Coated Zinc Alloy**

- Lift and turn operation
- 3mm compression action
- Can be forward (H1) or reversed (H2)
- Simple grip range adjustment
- Locking version supplied with 2 keys (CH751)
- To suit 1 - 3.5mm panel thickness








Fixing Hole Dimensions

| Part Number | Dimensions (mm) | | Locking Mechanism | Std Pack Qty |
|---|---|---|---|---|
| | $H_2$ | $H_1$ | | |
| 493590 | 6.0 - 16.0 | 56.0 - 66.0 | Ch751 | 5 |
| 493591 | 16.0 - 26.0 | 46.0 - 56.0 | Ch751 | 5 |
| 493592 | 6.0 - 16.0 | 56.0 - 66.0 | Non Locking | 5 |
| 493593 | 16.0 - 26.0 | 46.0 - 56.0 | Non Locking | 5 |

SR 5548

## Mini Push to Close Lock

**Body: Polyamide**
**Handle: Die-cast Zinc Alloy**
**Cam: Acetyl**
**MountingBracket: Steel**

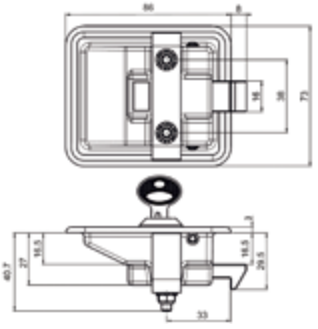
- Ideal for generators with small doors and panels etc.
- Supplied with two standard Euro keys (5333)

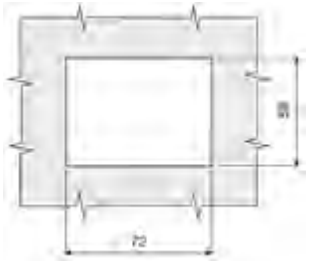


Type 1



Type 2





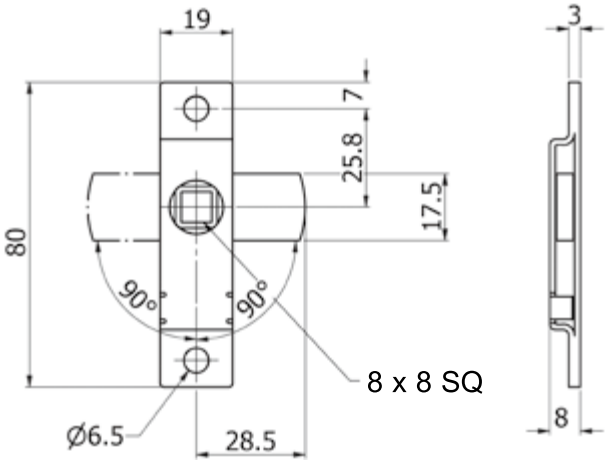
| Part Number | Type | Style | Std Pack Qty |
|---|---|---|---|
| 11601E | 1 | Key Lock | 1 |
| 11600E | 2 | Blind | 1 |

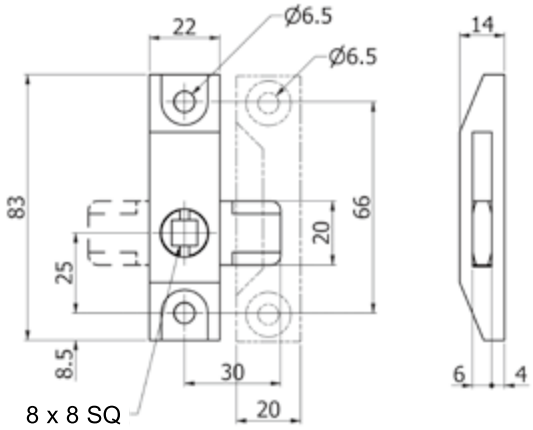
SR 5579

# Budget Locks

**Steel, 304 Stainless Steel & Polyamide**

- Both right and left hand application possible
- Ideal for concealed locking mechanisms
- Type 2 is supplied with strike plate




| Part Number | Type | Material | Std Pack Qty |
|---|---|---|---|
| 493475 | 1 | Steel | 50 |
| 493476 | 1 | 304 Stainless Steel | 50 |
| 493477 | 2 | Polyamide | 50 |
| 493478 | Key | Cast Iron | 50 |

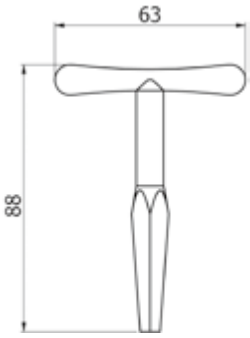
Stainless Steel



Type 1



Type 2






Key

SR 5566

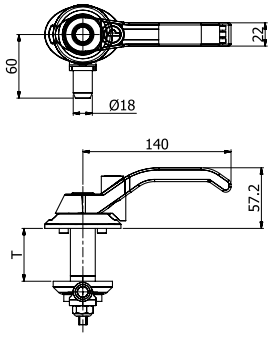
# HVAC Handles

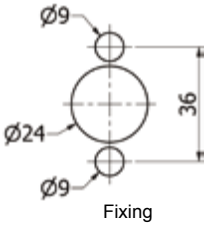
**Nylon body with steel cam**

- Can be used for left or right hand doors
- Roller cam allows locking using low force
- Removable handle allows easy on-site fitting
- Available with Eurokey (5333) or no lock
- Internal handle enables safe opening from the inside

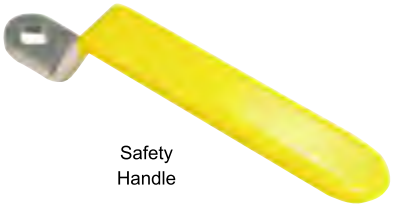


HVAC Handle

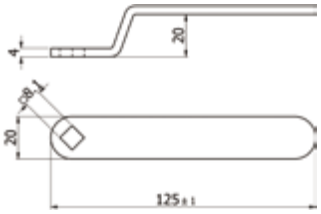



Fixing Hole

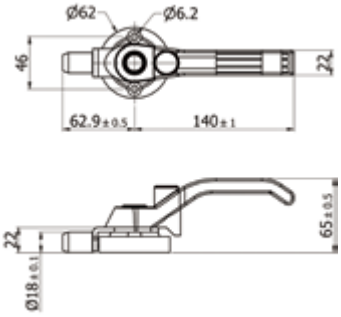


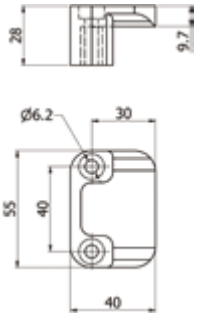
Safety Handle



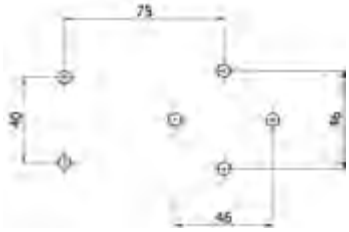



Outside Locking Handle




Catchplate




Fixing Hole

## HVAC Handle

| Part Number | Type | T | Std Pack Qty |
|---|---|---|---|
| 0121500001E | No Lock | 50 | 1 |
| 0122600001E | No Lock | 60 | 1 |
| 0121800001E | No Lock | 80 | 1 |
| 0121500501E | Eurokey | 50 | 1 |
| 0121600501E | Eurokey | 60 | 1 |
| 0121800501E | Eurokey | 80 | 1 |

## Safety Handle

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 012A1E | Safety Handle | 1 |

## Outside Locking Handle

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 01220001E | Outside Locking Handle | 1 |
| 012A2E | Catch Plate | 1 |

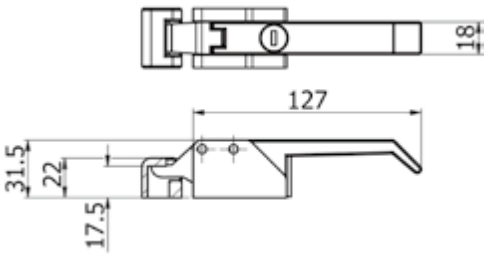
SR 5434

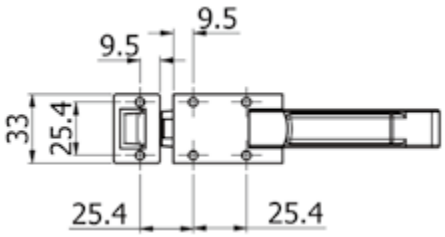
## Over Centre Compression Lever

**Zinc alloy, Black Powder Coating**

- Compression lock for easy use
- Suitable for occasions with compression seals with two keys
- Compatible with M5 fixings (not supplied)





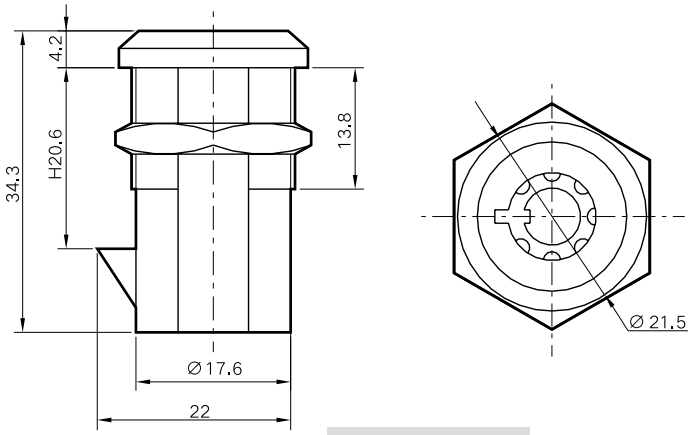

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 20022112 | Key Alike | 1 |
| 20022129 | Without Lock | 1 |

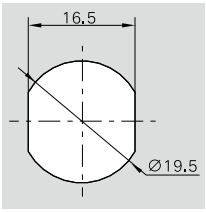
## Push Button Latch

**Zinc alloy lock body, nut, deadbolt**

- Surface treatment: bright chrome plating
- Applicable door thickness: 1~8mm






| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20030872 | 64.5 | 250 |

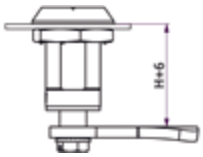
■□□□□
Cut out

SR 5551

## Fixed Compression Latches

**Black Powder Coated Die-Cast Zinc**

- IP65
- 6mm Compression
- When key is turned to 90° cam turnes to locking position
- When key is turned to 180° cam moves to fixing position
- Latch provides good compression and noise isolation




Latch has 6mm compression






3mm Double Bit



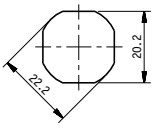

7mm Triangle



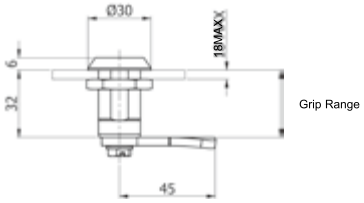
Slotted



Wingknob




Fixing Hole




| Part Number | Head Style | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|
| 0401121361E | 3mm Double Bit | 20 | 50 |
| 0401121360E | 3mm Double Bit | 22 | 50 |
| 0401121359E | 3mm Double Bit | 24 | 50 |
| 0401121338E | 3mm Double Bit | 28 | 50 |
| 0401121330E | 3mm Double Bit | 32 | 50 |
| 0401121331E | 3mm Double Bit | 35 | 50 |
| 0401121334E | 3mm Double Bit | 38 | 50 |
| 0401123761E | 7mm Triangle | 20 | 50 |
| 0401123760E | 7mm Triangle | 22 | 50 |
| 0401123759E | 7mm Triangle | 24 | 50 |
| 0401123738E | 7mm Triangle | 28 | 50 |
| 0401123730E | 7mm Triangle | 32 | 50 |
| 0401123731E | 7mm Triangle | 35 | 50 |
| 0401123734E | 7mm Triangle | 38 | 50 |

| Part Number | Head Style | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|
| 0401124261E | Slotted | 20 | 50 |
| 0401124260E | Slotted | 22 | 50 |
| 0401124259E | Slotted | 24 | 50 |
| 0401124238E | Slotted | 28 | 50 |
| 0401124230E | Slotted | 32 | 50 |
| 0401124231E | Slotted | 35 | 50 |
| 0401124234E | Slotted | 38 | 50 |
| 0401129461E | Wingknob | 20 | 50 |
| 0401129460E | Wingknob | 22 | 50 |
| 0401129459E | Wingknob | 24 | 50 |
| 0401129438E | Wingknob | 28 | 50 |
| 0401129430E | Wingknob | 32 | 50 |
| 0401129431E | Wingknob | 35 | 50 |
| 0401129434E | Wingknob | 38 | 50 |

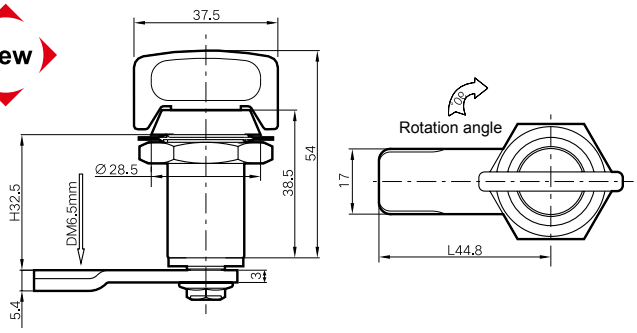
## Wing Compression Lock

**Zinc alloy lock body, galvanized steel stop pad, lock plate**

- Surface treatment: spray matte black
- Applicable door thickness: 1~8mm
- Remarks: Compression type door lock, the compression amount is about 7mm. The lock cylinder rotates 210°

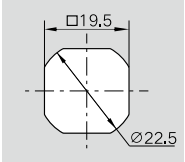
New






| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20033378 | 130.5 | 200 |

■ Cut out



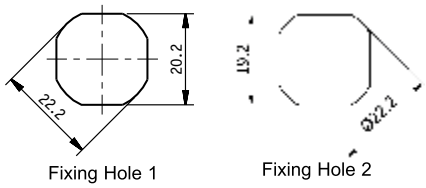
SR 5547

# Adjustable Compression Latches

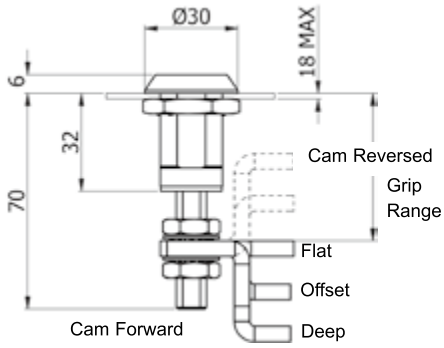
**Chrome Plated or Black Powder Coated Die-Cast Zinc**

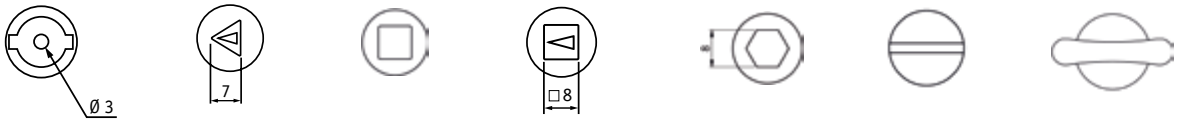
- IP65
- 6mm Compression
- 3 Cam styles available
- Cam can be used forward or reversed
- Latch provides good compression and noise isolation
- 2 Fixing sizes available 20.2mm x 22.2mm and 19.2mm x 22.2mm






Fixing Hole 1 Fixing Hole 2




3mm Double Bit | 7mm Triangle | 7mm Square | 8mm Square | 8mm Hexagon | Slotted | Wingknob

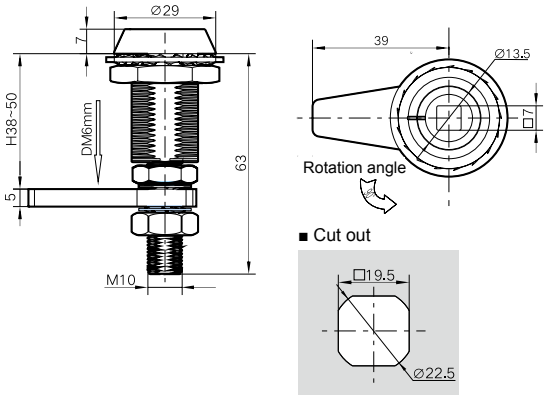
| Part Number Chrome Plated | | Part Number Black Powder Coated | | Head Style | Cam Style | Grip Range (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Fixing Hole 1 | Fixing Hole 2 | Fixing Hole 1 | Fixing Hole 2 | | | Cam Reversed | Cam Forward | |
| 0402111301E | - | 0404116803E | 0404121301E | 3mm Double Bit | Flat | 40 - 57 | 40 - 57 | 50 |
| 0402111302E | - | 0402121302E | 0404121302E | 3mm Double Bit | Offset | 28 - 44 | 53.5 - 71 | 50 |
| 0402111303E | - | 0402121303E | 0404121303E | 3mm Double Bit | Deep | 11 - 29 | 67.5 - 85 | 50 |
| 0402113701E | - | 0402123701E | 0404123701E | 7mm Triangle | Flat | 40 - 57 | 40 - 57 | 50 |
| 0402113702E | - | 0402123702E | 0404123702E | 7mm Triangle | Offset | 28 - 44 | 53.5 - 71 | 50 |
| 0402113703E | - | 0402123703E | 0404123703E | 7mm Triangle | Deep | 11 - 29 | 67.5 - 85 | 50 |
| - | - | - | 0404122701E | 7mm Square | Flat | 40 - 57 | 40 - 57 | 50 |
| - | - | - | 0404122702E | 7mm Square | Offset | 28 - 44 | 53.5 - 71 | 50 |
| - | - | - | 0404122703E | 7mm Square | Deep | 11 - 29 | 67.5 - 85 | 50 |
| 0402112801E | - | 0402122801E | - | 8mm Square | Flat | 40 - 57 | 40 - 57 | 50 |
| 0402112802E | - | 0402122802E | - | 8mm Square | Offset | 28 - 44 | 53.5 - 71 | 50 |
| 0402112803E | - | 0402122803E | - | 8mm Square | Deep | 11 - 29 | 67.5 - 85 | 50 |
| 0402116801E | 0404116801E | 0402126801E | 0404126801E | 8mm Hexagon | Flat | 40 - 57 | 40 - 57 | 50 |
| 0402116802E | 0404116802E | 0402126802E | 0404126802E | 8mm Hexagon | Offset | 28 - 44 | 53.5 - 71 | 50 |
| 0402116803E | 0404116803E | 0402126803E | 0404126803E | 8mm Hexagon | Deep | 11 - 29 | 67.5 - 85 | 50 |
| 0402114201E | - | 0402124201E | 0404124201E | Slotted | Flat | 40 - 57 | 40 - 57 | 50 |
| 0402114202E | - | 0402124202E | 0404124202E | Slotted | Offset | 28 - 44 | 53.5 - 71 | 50 |
| 0402114203E | - | 0402124203E | 0404124203E | Slotted | Deep | 11 - 29 | 67.5 - 85 | 50 |
| - | - | 0402129401E | 0404129401E | Wingknob | Flat | 40 - 57 | 40 - 57 | 50 |
| - | - | 0402129402E | 0404129402E | Wingknob | Offset | 28 - 44 | 53.5 - 71 | 50 |
| - | - | 0402129403E | 0404129403E | Wingknob | Deep | 11 - 29 | 67.5 - 85 | 50 |

## Compression Lock

**Zinc alloy lock body, galvanized steel stop pad, lock plate**

- Surface treatment: bright chrome plating
- Applicable door thickness: 1~8mm
- Remarks: Compression type door lock, the compression amount is about 5mm, and the lock cylinder is rotated 180° to unlock.





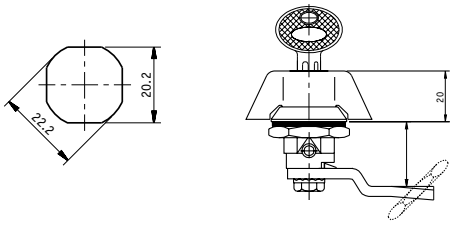

| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 1437225 | 137.5 | 200 |

**SR5514**

## Cylinder Cam Lock with Wing Knob

**Zinc alloy die casting**

- Supplied with 2 standard Euro keys (5333)






Zinc alloy die casting

| Part Number | | Locking Range (mm) | Std Pack Qty |
|---|---|---|---|
| Chrome | Black Powder Coating | | |
| 065110560E | 065120560E | 8.5 | 50 |
| 065110538E | 065120538E | 14.5 | 50 |
| 065110530E | 065120530E | 18.5 | 50 |
| 065110534E | 065120534E | 24.5 | 50 |
| 065110536E | 065120536E | 26.5 | 50 |
| 065110547E | 065120547E | 28.5 | 50 |

Plastic Handle Type

| Part Number | Locking Range (mm) | Std Pack Qty |
|---|---|---|
| 065200560E | 8.5 | 50 |
| 065200538E | 14.5 | 50 |
| 065200530E | 18.5 | 50 |
| 065200534E | 24.5 | 50 |
| 065200536E | 26.5 | 50 |
| 065200547E | 28.5 | 50 |

All dimensions in mm

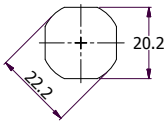
SR 6412

# Fixed Compression Lock

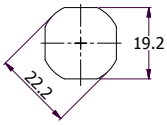
**Stainless Steel AISI 316**

- IP65
- Lock has 6mm compression ratio
- Lock provide good compression and noise isolation
- 2 fixing sizes available 20.2mm x 22.2mm and 19.2mm x 22.2mm

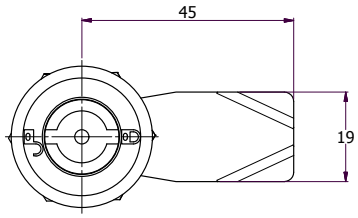


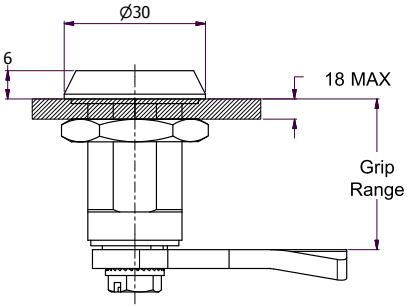


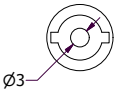

Fixing Hole 1




Fixing Hole 2




3mm Double Bit




7mm Triangle



2 x 4mm Slot



8mm Square

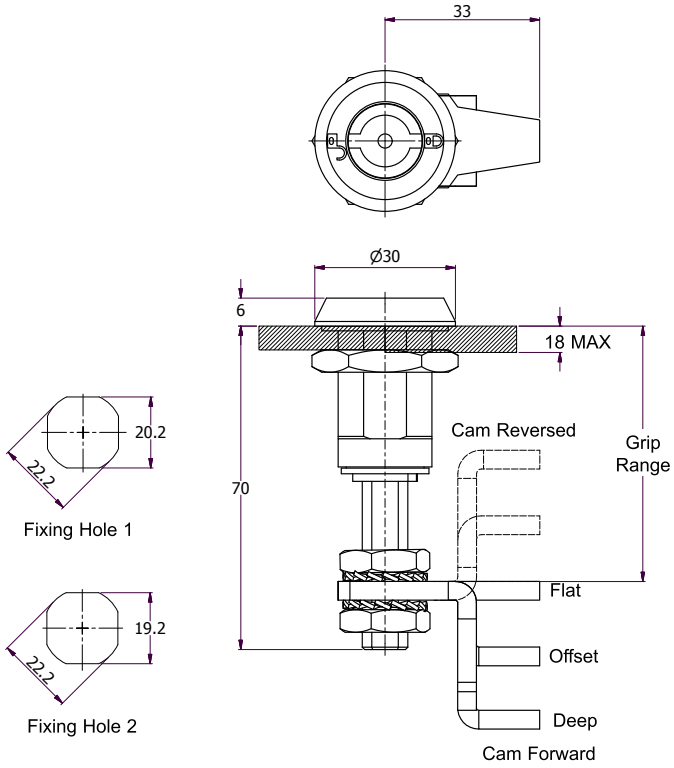
| Part Number | | Head Style | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|
| Fixing Hole 1 | Fixing Hole 2 | | | |
| 0401401330E | 0403401330E | 3mm double bit | 32 | 10 |
| - | 0403401331E | 3mm double bit | 35 | 10 |
| 0401401334E | - | 3mm double bit | 38 | 10 |
| - | 0403403761E | 7mm triangle | 20 | 10 |
| 0401403760E | 0403403760E | 7mm triangle | 22 | 10 |
| - | 0403403759E | 7mm triangle | 24 | 10 |
| 0401403738E | 0403403738E | 7mm triangle | 28 | 10 |
| 0401403730E | 0403403730E | 7mm triangle | 32 | 10 |
| 0401403731E | 0403403731E | 7mm triangle | 35 | 10 |
| 0401403734E | 0403403734E | 7mm triangle | 38 | 10 |
| 0401404261E | 0403404261E | Slotted | 20 | 10 |
| 0401404260E | 0403404260E | Slotted | 22 | 10 |
| 0401404259E | 0403404259E | Slotted | 24 | 10 |
| 0401404238E | 0403404238E | Slotted | 28 | 10 |
| 0401404230E | 0403404230E | Slotted | 32 | 10 |
| 0401404231E | 0403404231E | Slotted | 35 | 10 |
| 0401404234E | 0403404234E | Slotted | 38 | 10 |
| - | 0403402861E | 8mm square | 20 | 10 |
| 0401402860E | 0403402860E | 8mm square | 22 | 10 |
| 0401402859E | - | 8mm square | 24 | 10 |
| 0401402838E | - | 8mm square | 28 | 10 |
| - | 0403402830E | 8mm square | 32 | 10 |
| 0401402831E | 0403402831E | 8mm square | 35 | 10 |
| - | - | 8mm square | 38 | 10 |

SR 6413

# Adjustable Compression Lock

**Stainless Steel AISI 316**

- IP65
- Lock has 6mm compression ratio
- Lock provide wide grip range with adjustable screw
- 2 fixing sizes available 20.2mm x 22.2mm and 19.2mm x 22.2mm





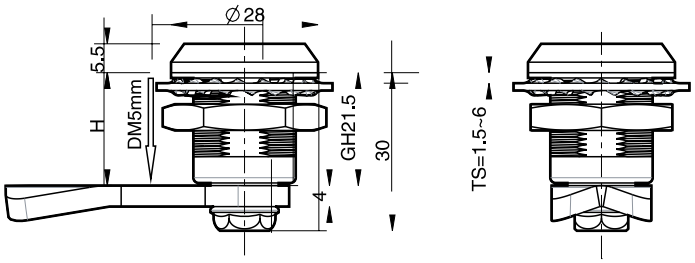

| Part Number | | Head Style | Cam Style | Grip Range (mm) | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Fixing Hole 1 | Fixing Hole 2 | | | Cam Reversed | Cam Forward | |
| 0402401301E | - | 3mm double bit | Flat | 41-58 | 41-58 | 10 |
| - | 0404401303E | 3mm double bit | Deep | 13.5-30.5 | 68.5-85.5 | 10 |
| 0402403701E | 0404403701E | 7mm triangle | Flat | 41-58 | 41-58 | 10 |
| 0402403702E | 0404403702E | 7mm triangle | Offset | 27-44 | 55-72 | 10 |
| 0402403703E | 0404403703E | 7mm triangle | Deep | 13.5-30.5 | 68.5-85.5 | 10 |
| 0402404201E | - | Slotted | Flat | 41-58 | 41-58 | 10 |
| 0402404202E | - | Slotted | Offset | 27-44 | 55-72 | 10 |
| 0402404203E | 0404404203E | Slotted | Deep | 13.5-30.5 | 68.5-85.5 | 10 |
| 0402402801E | 0404402801E | 8mm square | Flat | 41-58 | 41-58 | 10 |
| 0402402802E | 0404402802E | 8mm square | Offset | 27-44 | 55-72 | 10 |
| 0402402803E | - | 8mm square | Deep | 13.5-30.5 | 68.5-85.5 | 10 |

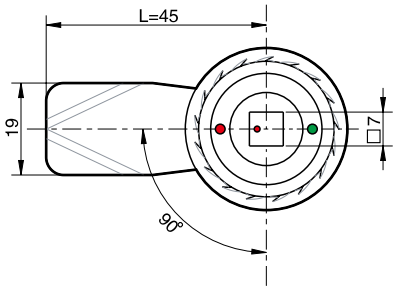
## Compression Lock

**Stainless Steel**

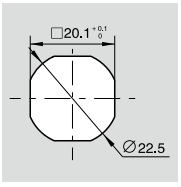
- Surface treatment: natural color
- Structure and function: compression door lock, the compression amount is about 5MM,
- The lock cylinder rotates 180° to unlock
- Applicable door thickness: 1~6mm
- Remarks: locking piece opening 8×8






■ Cut out



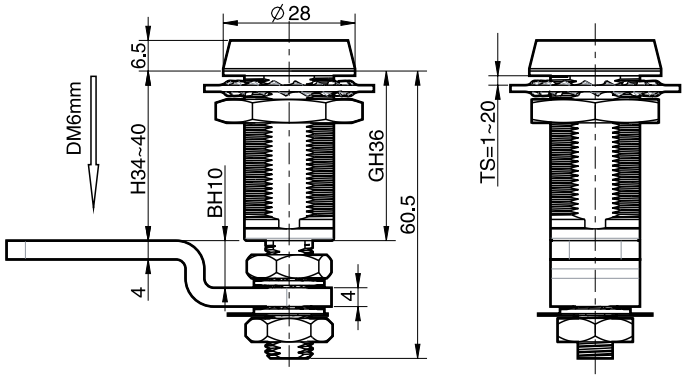

| Part Number |
|---|
| 20041731 |

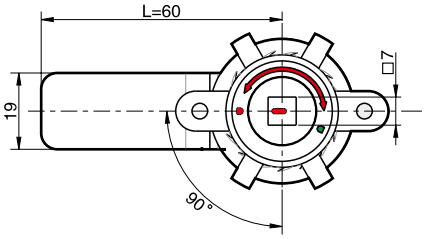
## Adjustable Compression Lock

**Stainless Steel**

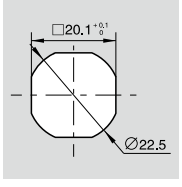
- Surface treatment: natural color
- Structure and function: Compression door lock, the compression amount is about 6MM, the lock cylinder rotates 205° to unlock
- Applicable door thickness: 1~20mm






■ Cut out



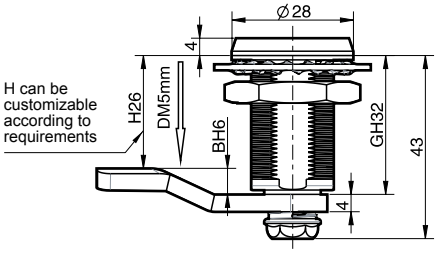

| Part Number |
|---|
| 20041793 |

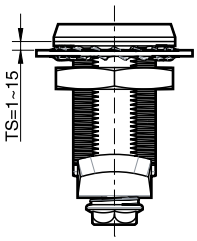
## Compression Lock

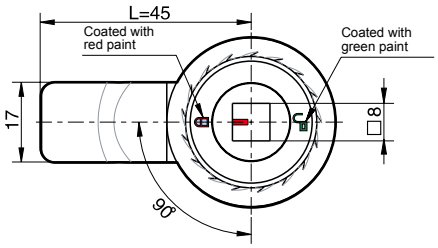
**Stainless Steel**

- Surface treatment: natural color
- Structure and function: Compression door lock, the compression amount is about 5MM, the lock cylinder rotates 180° to unlock
- Applicable door thickness: 1~15mm
- Remarks: locking piece opening 8×8

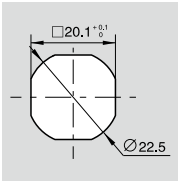





■ Cut out



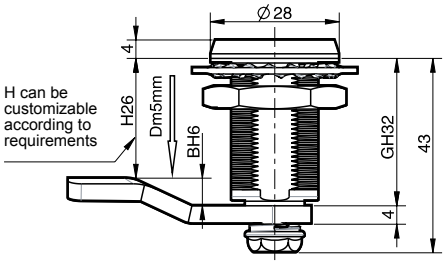

| Part Number |
| --- |
| 20041816 |

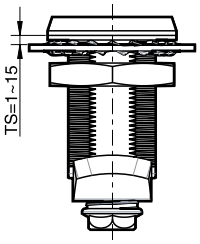
## Compression Lock

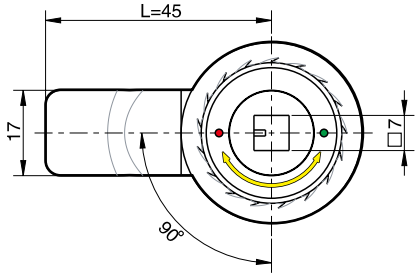
**Stainless Steel**

- Surface treatment: natural color
- Structure and function: Compression door lock, the compression amount is about 5MM, the lock cylinder rotates 180° to unlock
- Applicable door thickness: 1~15mm
- Remarks: locking piece opening 8×8

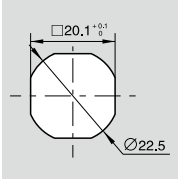





■ Cut out



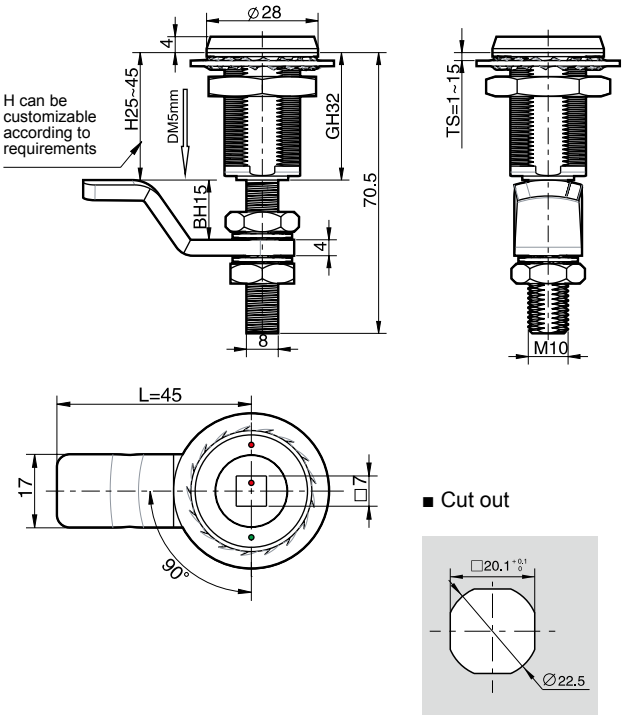

| Part Number |
| --- |
| 20041892 |

## Adjustable Compression Lock

**Stainless Steel**

- Surface treatment: natural color
- Structure and function: compression door lock, the compression amount is about 5MM,
- The lock cylinder rotates 180° to unlock
- Applicable door thickness: 1~15mm






■ Cut out



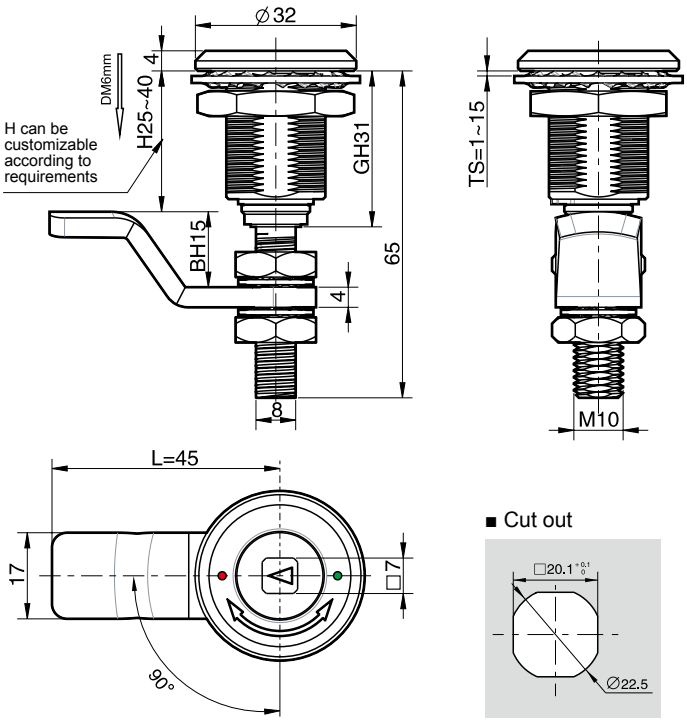

| Part Number |
|---|
| 20041953 |

## Adjustable Compression Lock

**Stainless Steel**

- Surface treatment: natural color
- Structure and function: Compression door lock, the compression amount is about 6MM, the lock cylinder rotates 205° to unlock
- Applicable door thickness: 1~15mm






■ Cut out



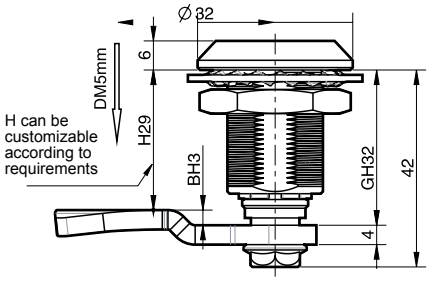

| Part Number |
|---|
| 20041991 |

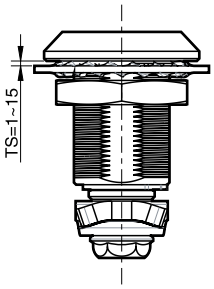
## Compression Lock

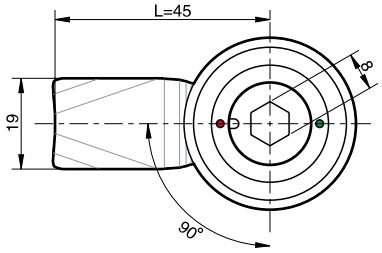
**Stainless Steel**

- Surface treatment: natural color
- Structure and function: Compression door lock, the compression amount is about 5MM, the lock cylinder rotates 180° to unlock
- Applicable door thickness: 1~15mm
- Remarks: locking piece opening 8×8

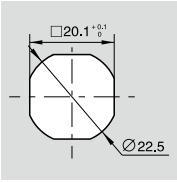





■ Cut out




| Part Number |
|---|
| 20042011 |

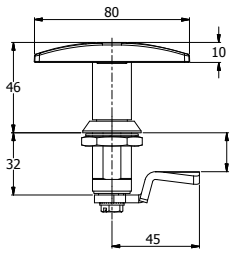
SR 5479

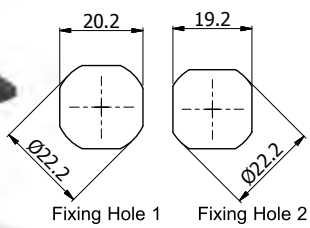
## T Handle Compression Latch

**Die-Cast Zinc Alloy**

- Chrome or black powder finish
- Hand Operated
- Available in locking and non-locking versions
- 6mm Compression
- Supplied with sealing gasket
- Type 1 - Locking
- Type 2 - Non-locking





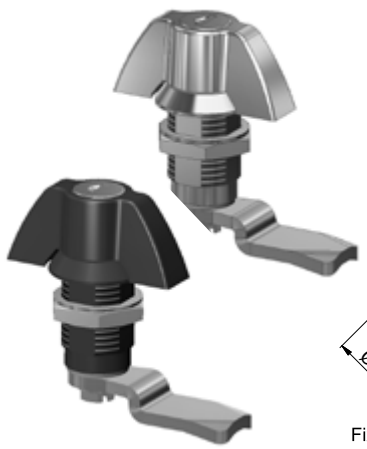

| Part Number | | Type | Fixing Hole | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome | Black | | | | |
| 2401110761E | 2401120761E | 1 | 1 | 20 | 25 |
| 2401110760E | 2401120760E | 1 | 1 | 22 | 25 |
| 2401110759E | 2401120759E | 1 | 1 | 24 | 25 |
| 2401110738E | 2401120738E | 1 | 1 | 28 | 25 |
| 2401110730E | 2401120730E | 1 | 1 | 32 | 25 |
| 2401110731E | 2401120731E | 1 | 1 | 35 | 25 |
| 2401110734E | 2401120734E | 1 | 1 | 38 | 25 |
| 2403110761E | 2403120761E | 1 | 2 | 20 | 25 |
| 2403110760E | 2403120760E | 1 | 2 | 22 | 25 |
| 2403110759E | 2403120759E | 1 | 2 | 24 | 25 |
| 2403110738E | 2403120738E | 1 | 2 | 28 | 25 |
| 2403110730E | 2403120730E | 1 | 2 | 32 | 25 |
| 2403110731E | 2403120731E | 1 | 2 | 35 | 25 |
| 2403110734E | 2403120734E | 1 | 2 | 38 | 25 |
| 2401110061E | 2401120061E | 2 | 1 | 20 | 25 |
| 2401110060E | 2401120060E | 2 | 1 | 22 | 25 |
| 2401110059E | 2401120059E | 2 | 1 | 24 | 25 |
| 2401110038E | 2401120038E | 2 | 1 | 28 | 25 |
| 2401110030E | 2401120030E | 2 | 1 | 32 | 25 |
| 2401110031E | 2401120031E | 2 | 1 | 35 | 25 |
| 2401110034E | 2401120034E | 2 | 1 | 38 | 25 |
| 2403110061E | 2403120061E | 2 | 2 | 20 | 25 |
| 2403110060E | 2403120060E | 2 | 2 | 22 | 25 |
| 2403110059E | 2403120059E | 2 | 2 | 24 | 25 |
| 2403110038E | 2403120038E | 2 | 2 | 28 | 25 |
| 2403110030E | 2403120030E | 2 | 2 | 32 | 25 |
| 2403110031E | 2403120031E | 2 | 2 | 35 | 25 |
| 2403110034E | 2403120034E | 2 | 2 | 38 | 25 |

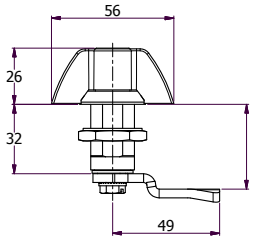
SR 5475

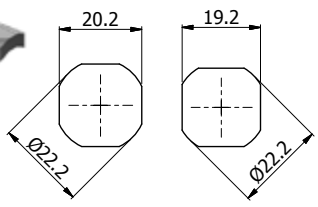
## Wing Knob Compression Latches

**Die-Cast Zinc Alloy**

- Chrome or black powder finish
- 6mm compression
- Available in locking and non-locking versions
- Type 1 - Locking
- Type 2 - Non-locking





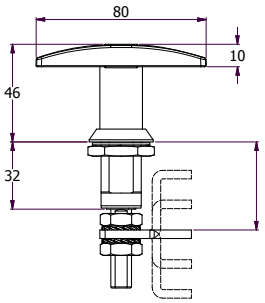

| Part Number | | Type | Fixing Hole | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome | Black | | | | |
| 3401110761E | 3401120761E | 1 | 1 | 20 | 50 |
| 3401110760E | 3401120760E | 1 | 1 | 22 | 50 |
| 3401110759E | 3401120759E | 1 | 1 | 24 | 50 |
| 3401110738E | 3401120738E | 1 | 1 | 28 | 50 |
| 3401110730E | 3401120730E | 1 | 1 | 32 | 50 |
| 3401110731E | 3401120731E | 1 | 1 | 35 | 50 |
| 3401110734E | 3401120734E | 1 | 1 | 38 | 50 |
| 3403110761E | 3403120761E | 1 | 2 | 20 | 50 |
| 3403110760E | 3403120760E | 1 | 2 | 22 | 50 |
| 3403110759E | 3403120759E | 1 | 2 | 24 | 50 |
| 3403110738E | 3403120738E | 1 | 2 | 28 | 50 |
| 3403110730E | 3403120730E | 1 | 2 | 32 | 50 |
| 3403110731E | 3403120731E | 1 | 2 | 35 | 50 |
| 3403110734E | 3403120734E | 1 | 2 | 38 | 50 |
| 3401110061E | 3401120061E | 2 | 1 | 20 | 50 |
| 3401110060E | 3401120060E | 2 | 1 | 22 | 50 |
| 3401110059E | 3401120059E | 2 | 1 | 24 | 50 |
| 3401110038E | 3401120038E | 2 | 1 | 28 | 50 |
| 3401110030E | 3401120030E | 2 | 1 | 32 | 50 |
| 3401110031E | 3401120031E | 2 | 1 | 35 | 50 |
| 3401110034E | 3401120034E | 2 | 1 | 38 | 50 |
| 3403110061E | 3403120061E | 2 | 2 | 20 | 50 |
| 3403110060E | 3403120060E | 2 | 2 | 22 | 50 |
| 3403110059E | 3403120059E | 2 | 2 | 24 | 50 |
| 3403110038E | 3403120038E | 2 | 2 | 28 | 50 |
| 3403110030E | 3403120030E | 2 | 2 | 32 | 50 |
| 3403110031E | 3403120031E | 2 | 2 | 35 | 50 |
| 3403110034E | 3403120034E | 2 | 2 | 38 | 50 |

SR 5790

## Adjustable T Handle Compression Latch

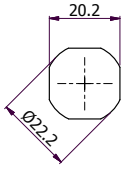
**Die-Cast Zinc Alloy**

- Chrome or black powder finish
- Hand Operated and adjustable
- Available in locking and non-locking versions
- 6mm Compression
- Supplied with sealing gasket
- Type 1 - Locking
- Type 2 - Non-locking

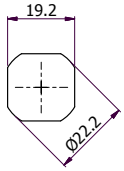





| Part Number | | Type | Fixing Hole | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome | Black | | | | |
| 2402110701E | 2402120701E | 1 | 1 | 41-58 | 25 |
| 2402110702E | 2402120702E | 1 | 1 | 27-72 | 25 |
| 2402110703E | 2402120703E | 1 | 1 | 13.5-85 | 25 |
| 2404110701E | 2404120701E | 1 | 2 | 41-58 | 25 |
| 2404110702E | 2404120702E | 1 | 2 | 27-72 | 25 |
| 2404110703E | 2404120703E | 1 | 2 | 13.5-85 | 25 |
| 2402110001E | 2402120001E | 2 | 1 | 41-58 | 25 |
| 2402110002E | 2402120002E | 2 | 1 | 27-72 | 25 |
| 2402110003E | 2402120003E | 2 | 1 | 13.5-85 | 25 |
| 2404110001E | 2404120001E | 2 | 2 | 41-58 | 25 |
| 2404110002E | 2404120002E | 2 | 2 | 27-72 | 25 |
| 2404110003E | 2404120003E | 2 | 2 | 13.5-85 | 25 |




Fixing Hole 1




Fixing Hole 2

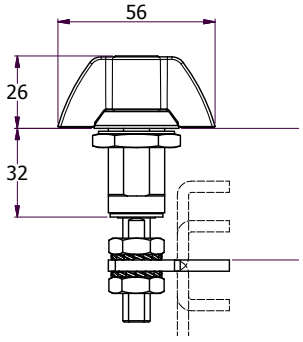


SR 5791

## Adjustable T Handle Compression Latch

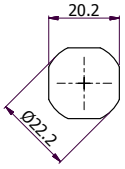
**Die-Cast Zinc Alloy**

- Chrome or black powder finish
- Adjustable
- 6mm compression
- Available in locking and non-locking versions
- Type 1 - Locking
- Type 2 - Non-locking

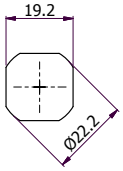





| Part Number | | Type | Fixing Hole | Grip Range (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome | Black | | | | |
| 3402110701E | 3402120701E | 1 | 1 | 41-58 | 25 |
| 3402110702E | 3402120702E | 1 | 1 | 27-72 | 25 |
| 3402110703E | 3402120703E | 1 | 1 | 13.5-85 | 25 |
| 3404110701E | 3404120701E | 1 | 2 | 41-58 | 25 |
| 3404110702E | 3404120702E | 1 | 2 | 27-72 | 25 |
| 3404110703E | 3404120703E | 1 | 2 | 13.5-85 | 25 |
| 3402110001E | 3402120001E | 2 | 1 | 41-58 | 25 |
| 3402110002E | 3402120002E | 2 | 1 | 27-72 | 25 |
| 3402110003E | 3402120003E | 2 | 1 | 13.5-85 | 25 |
| 3404110001E | 3404120001E | 2 | 2 | 41-58 | 25 |
| 3404110002E | 3404120002E | 2 | 2 | 27-72 | 25 |
| 3404110003E | 3404120003E | 2 | 2 | 13.5-85 | 25 |




Fixing Hole 1




Fixing Hole 2



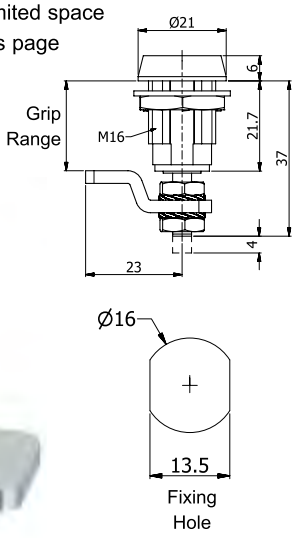
SR 5459

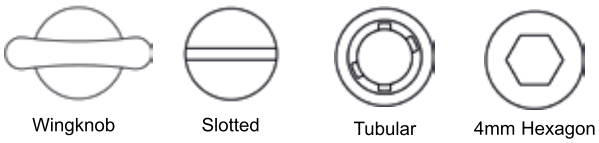
## Small Compression Latches

**Black Die-Cast Zinc Alloy**

- IP65
- 4mm compression
- Supplied with sealing gasket
- Allows simple adjustment of grip range
- Ideal for applications with limited space
- For use with the keys on this page






| Part Number | | | | Grip Range Min (mm) | Grip Range Max (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Wingknob | Slotted | 4mm Hex | Tubular | | | |
| 140129407E | 140124507E | 140126407E | 140129307E | 9.6 | 12.8 | 500 |
| 140129406E | 140124506E | 140126406E | 140129306E | 12.8 | 16.0 | 500 |
| 140129405E | 140124505E | 140126405E | 140123905E | 16.0 | 19.2 | 250 |
| 140129404E | 140124504E | 140126404E | 140129304E | 19.2 | 22.4 | 250 |
| 140129403E | 140124503E | 140126403E | 140129303E | 22.4 | 25.6 | 250 |
| 140129402E | 140124502E | 140126402E | 140129302E | 25.2 | 28.4 | 100 |

Keys

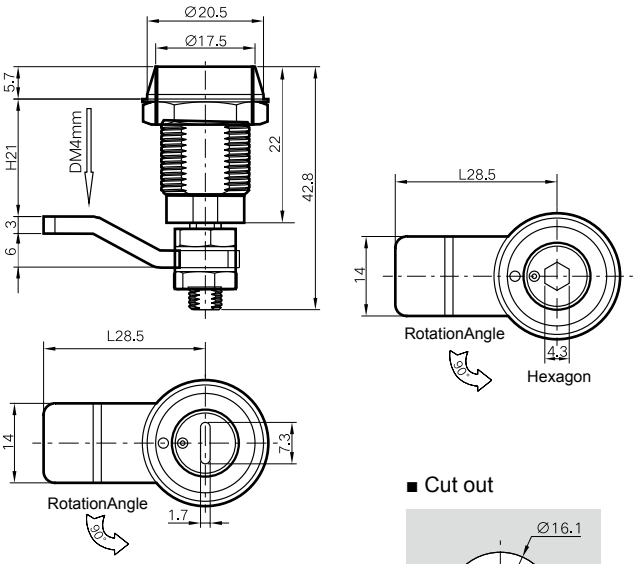
| Part Number | Description | Std Pack Qty |
|---|---|---|
| 16964E | 4mm Hex Key | 10 |
| 46912 | Tubular Key | 10 |

## Mini Compression Lock

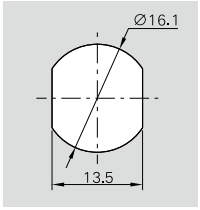
**Zinc alloy lock case, lock cylinder, galvanized steel screw, Bolt**

- Surface treatment: spray matte black
- Applicable door thickness: 1~8mm
- Remarks: The lock cylinder rotates 180°






■ Cut out




| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 1437226 | 45 | 500 |
| 1437227 | 50 | 500 |

SR 6483

# Lift and Turn Compression Latch

**Die-Cast Zinc Alloy**

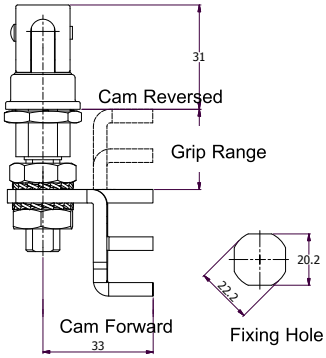
IP65

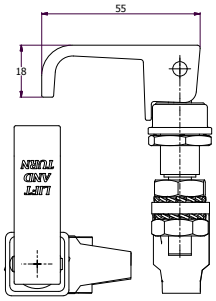


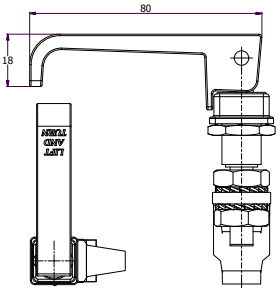
Type 1



Type 2



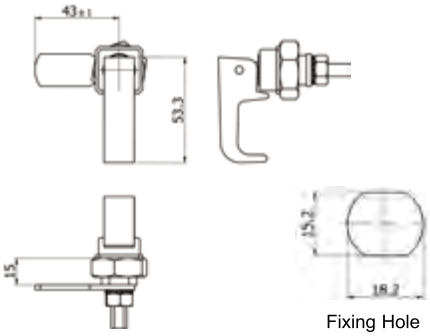

| Part Number | Finish | Type | Grip Range (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | | | Cam Reversed | Cam Forward | |
| 17011101E | Chrome Plated | 1 | 22.5-30 | 22.5-30 | 25 |
| 17011102E | Chrome Plated | 1 | 8.5-16 | 36.5-44 | 25 |
| 17011103E | Chrome Plated | 1 | 0-2.5 | 50-57.5 | 25 |
| 17011201E | Black Coated | 1 | 22.5-30 | 22.5-30 | 25 |
| 17011202E | Black Coated | 1 | 8.5-16 | 36.5-44 | 25 |
| 17011203E | Black Coated | 1 | 0-2.5 | 50-57.5 | 25 |
| 17021101E | Chrome Plated | 2 | 22.5-30 | 22.5-30 | 25 |
| 17021102E | Chrome Plated | 2 | 8.5-16 | 36.5-44 | 25 |
| 17021103E | Chrome Plated | 2 | 0-2.5 | 50-57.5 | 25 |
| 17021201E | Black Coated | 2 | 22.5-30 | 22.5-30 | 25 |
| 17021202E | Black Coated | 2 | 8.5-16 | 36.5-44 | 25 |
| 17021203E | Black Coated | 2 | 0-2.5 | 50-57.5 | 25 |

SR 5568

## Lift and Turn Lock

**Nylon body steel cam**

- Simple compression action
- Suitable for enclosures and machinery panels
- Left or Right hand operation possible




Fixing Hole



| Part Number | Std Pack Qty |
|---|---|
| 070E | 50 |

SR 5569

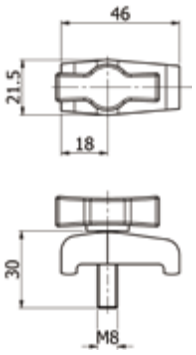
## Bridge Clamps

**Nylon body steel screw**

- Ideal for heating and ventilation panels
- Suitable for right or left hand doors

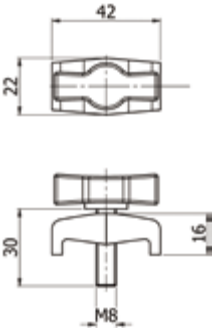


Type 1






Type 2




| Part Number | Type | Std Pack Qty |
|---|---|---|
| 4621E | Type 1 | 50 |
| 4622E | Type 2 | 50 |

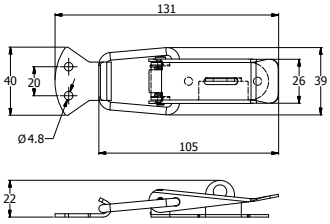
SR 5496

# Drawer Latches

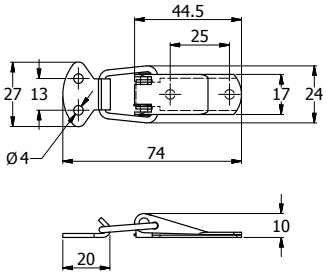
**304 Stainless Steel or Galvanized Steel**

- Pull the two components firmly and lock them together
- Manual operation, easy to use
- Suitable for a variety of uses including containers, packaging and industrial cleaning machine

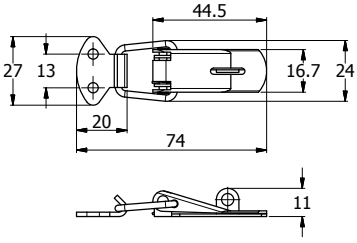
Type 1



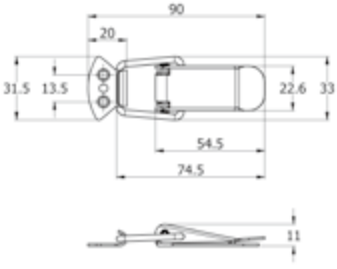

Type 3



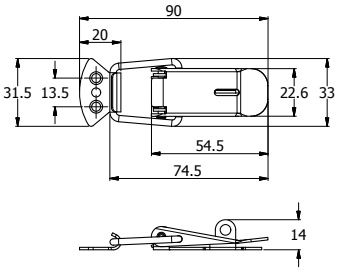

Type 4




Type 7




Type 9




Hasp Lock

| Part Number | | Type | Std Pack Qty |
|---|---|---|---|
| 304 Stainless Steel | Galvanized Steel | | |
| 497810 | 497994 | 1 | 25 |
| 497811 | 497997 | 3 | 25 |
| 497812 | 497998 | 4 | 25 |
| 497814 | 498003 | 7 | 25 |
| 497816 | 498005 | 9 | 25 |

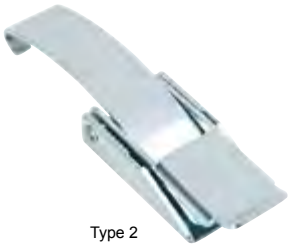
*(Continued on next page)*

SR 5496

## Drawer Latches *(continue from previous page)*

**304 Stainless Steel or Galvanized Steel**

- Pull the two components firmly and lock them together
- Manual operation, easy to use
- Suitable for a variety of uses including containers, packaging and industrial cleaning machine



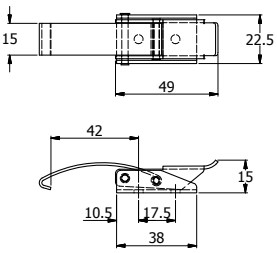
Type 2

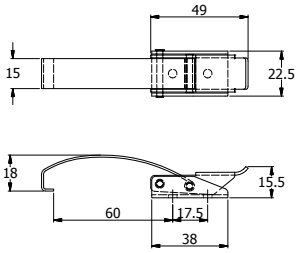


Type 8



Type 13



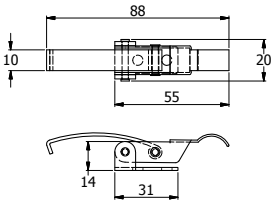
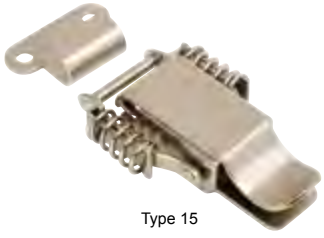
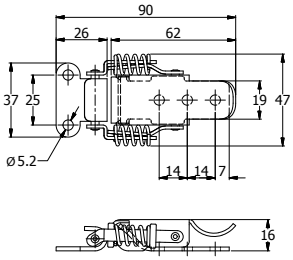



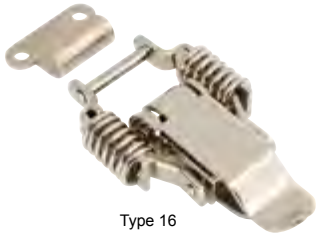

Plate Hook Buckle

| Part Number | | Type | Std Pack Qty |
|---|---|---|---|
| 304 Stainless Steel | Galvanized Steel | | |
| 497996 | – | 2 | 25 |
| 497815 | 498004 | 8 | 25 |
| 497931 | 498009 | 13 | 25 |



Type 15



Type 16

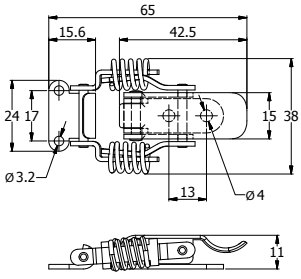



Plate Hook Buckle

| Part Number | | Type | Std Pack Qty |
|---|---|---|---|
| 304 Stainless Steel | Galvanized Steel | | |
| 497933 | 498011 | 15 | 25 |
| 497934 | 498012 | 16 | 25 |

*(Continued on next page)*

SR 5496

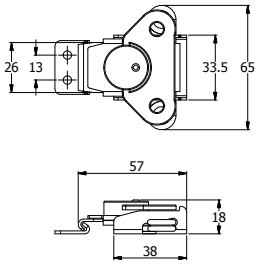
## Drawer Latches *(continue from previous page)*

**304 Stainless Steel or Galvanized Steel**

- Pull the two components firmly and lock them together
- Manual operation, easy to use
- Suitable for a variety of uses including containers, packaging and industrial cleaning machine

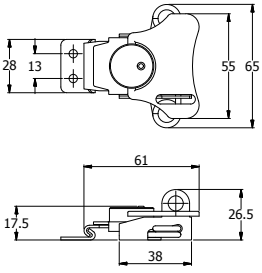


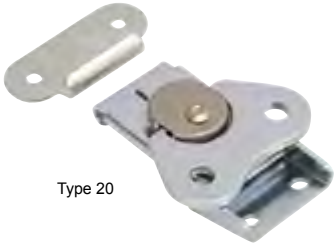
Type 17



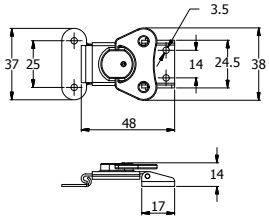



Type 18



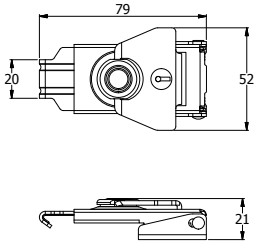



Type 20






Type 22




Cam Lock

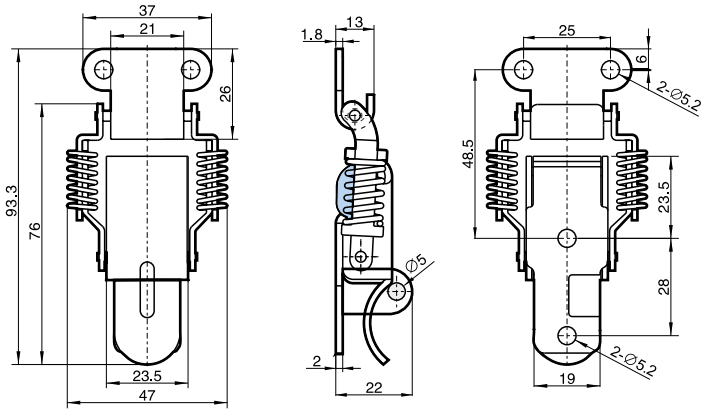
| Part Number | Type | Std Pack Qty |
|---|---|---|
| 498013 | 17 | 25 |
| 498014 | 18 | 25 |
| 498018 | 20 | 25 |
| 498020 | 22 | 25 |

## Fixed Spring Latch

**Stainless Steel**

- Surface treatment: vibration grinding





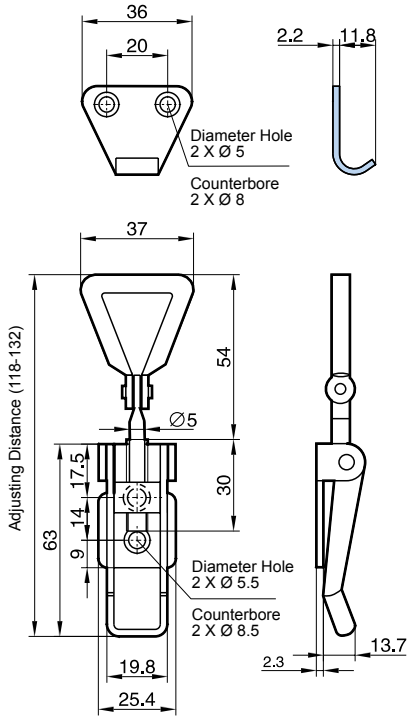

| Part Number |
|---|
| 20044947 |

## Adjustable Latch

**Stainless Steel**

- Surface treatment: vibration grinding





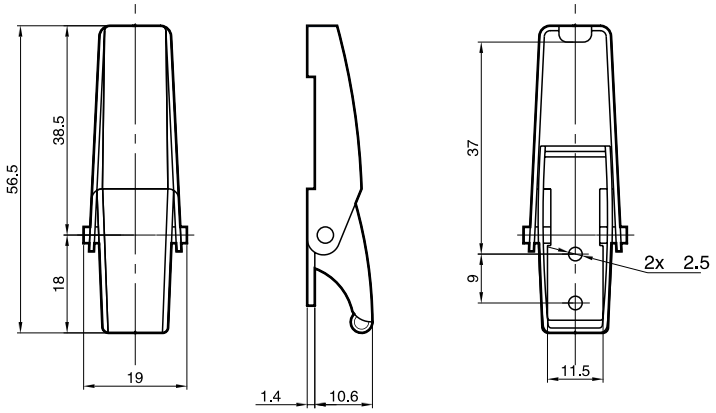

| Part Number |
|---|
| 20045029 |

## Fixed Spring Latch

**Stainless Steel**

- Surface treatment: vibration grinding





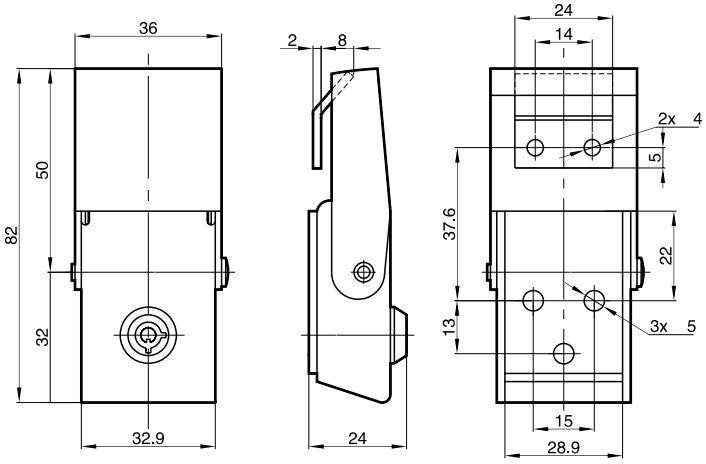

| Part Number |
|---|
| 20044824 |

## Fixed Spring Latch

**Hasp stainless steel, lock cylinder zinc alloy**

- Surface treatment: vibration grinding





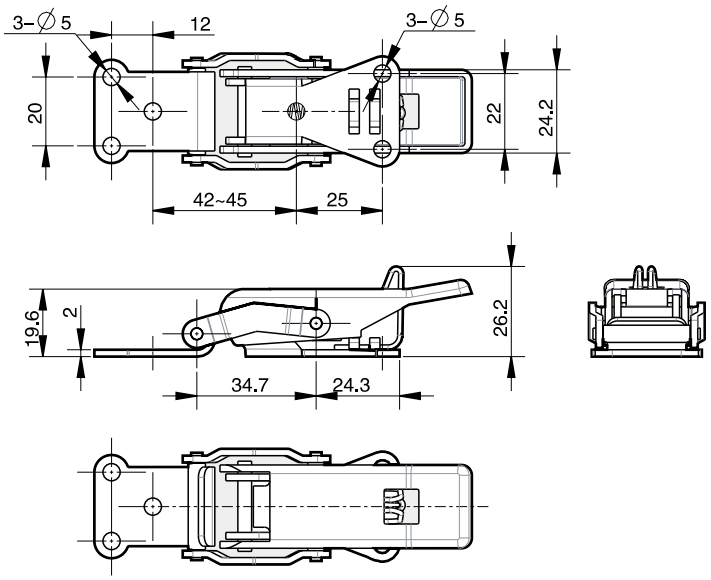

| Part Number |
|---|
| 20044831 |

## Fixed Spring Latch

**Stainless Steel, Buckle version**

- Surface treatment: brushed/mirror polished





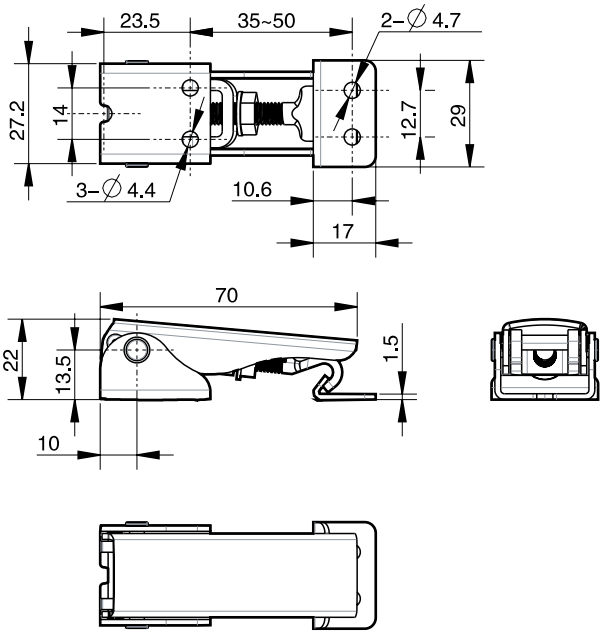

| Part Number |
|---|
| 20044848 |

## Fixed Latch

**Hasp stainless steel, lock cylinder zinc alloy, Buckle version**

- Surface treatment: vibration grinding



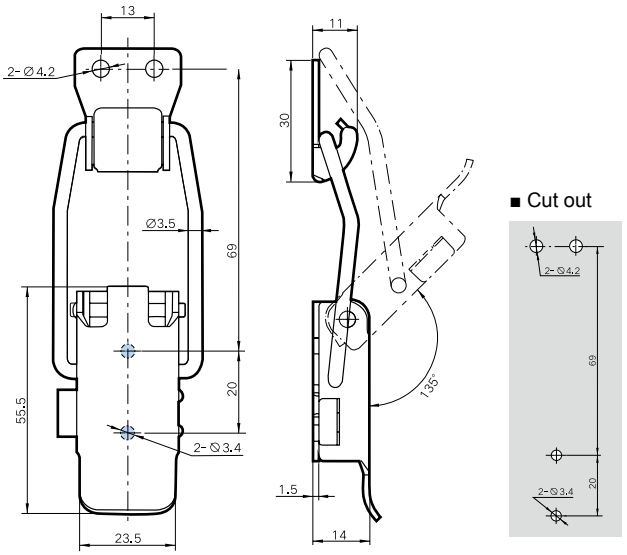



| Part Number |
|---|
| 20044862 |

## Fixed Spring Latch

**Stainless Steel**





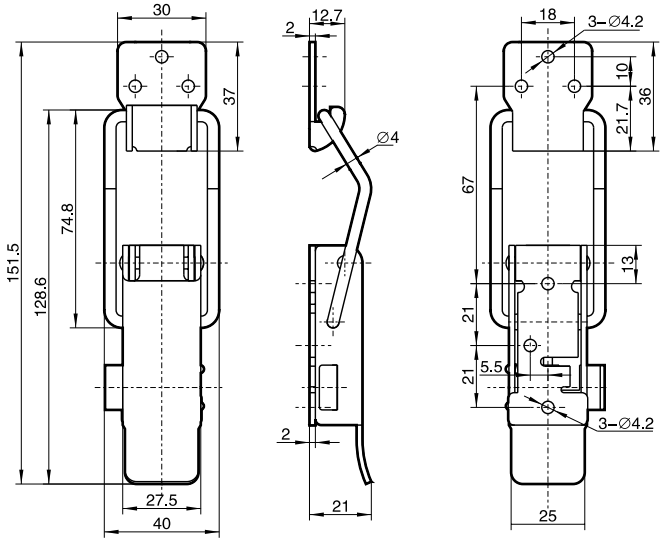

| Part Number |
|---|
| 20045067 |

## Fixed Spring Latch

**Stainless steel**

- Surface treatment: vibration grinding






| Part Number |
|---|
| 20044909 |

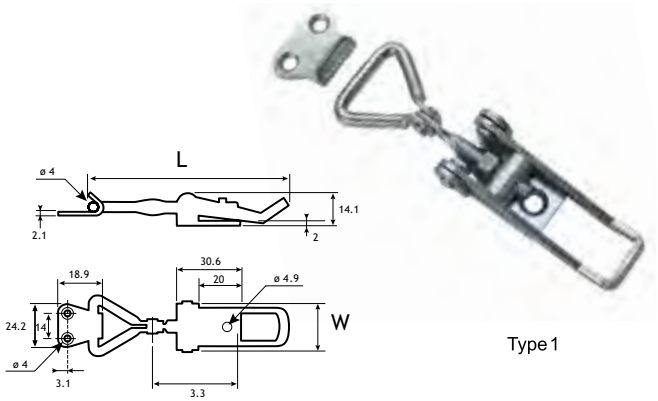
SR 5424

# Adjustable Latches

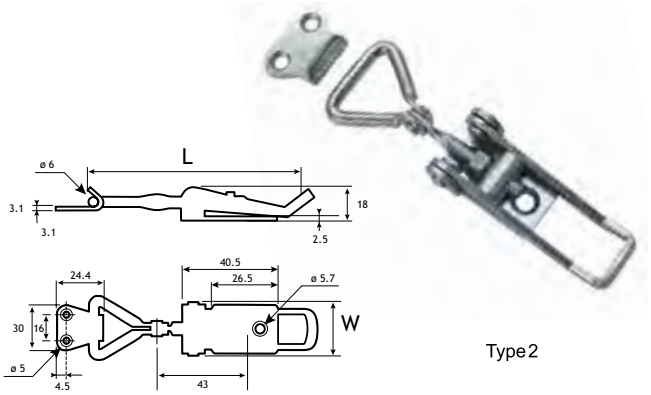
**Mild Steel or Stainless Steel 304**

- Securely pull & lock two components together
- Operated by hand and are quick and easy to use
- Suitable for a wide variety of uses including containers, packaging and industrial cleaning machines
- Type 4: For use with padlock

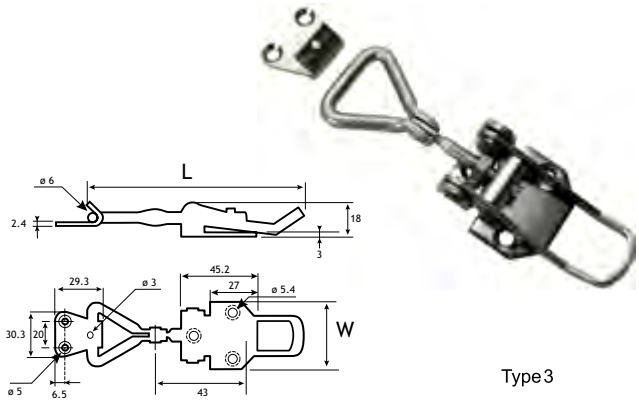
Stainless Steel



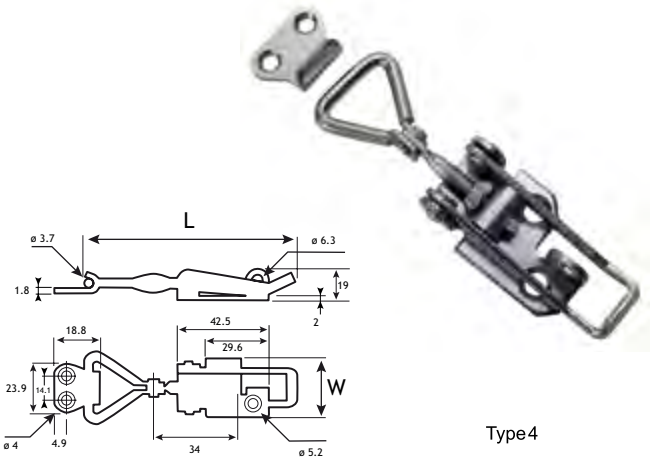

Type 1




Type 2




Type 3



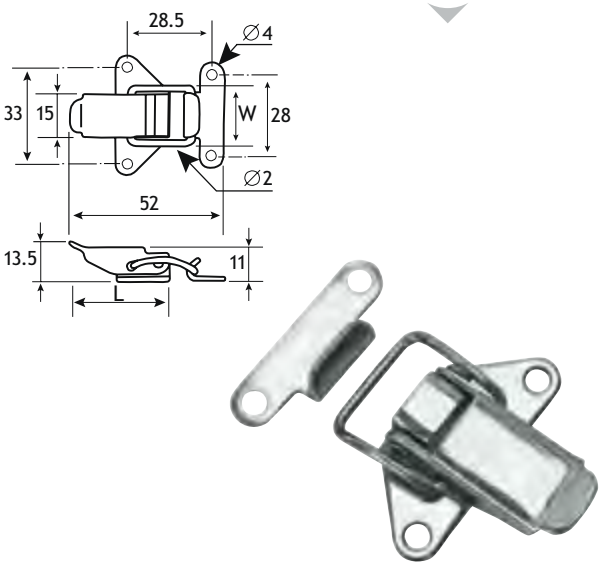

Type 4

| Part Number | Type | Material | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | | | L | W | |
| 34000131 | 1 | Zinc Plated Steel | 77.3 - 93.0 | 20.0 | 20 |
| 491975 | 2 | Stainless Steel | 96.0 - 121.7 | 25.0 | 20 |
| 20547653 | 3 | Zinc Plated Steel | 117.4 - 128.0 | 40.3 | 20 |
| 20547660 | 3 | Stainless Steel | 117.4 - 128.0 | 40.3 | 20 |
| 20547677 | 4 | Zinc Plated Steel | 82.0 - 92.0 | 26.3 | 20 |
| 20547615 | 4 | Stainless Steel | 82.0 - 92.0 | 26.3 | 20 |

SR 5431

## Fixed Catch

**Stainless Steel 304**



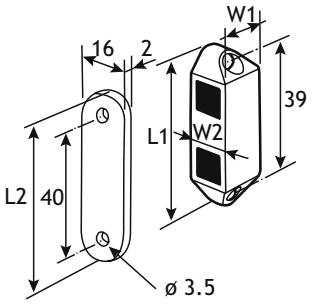

| Part Number | Type | Style | | Std Pack Qty |
|---|---|---|---|---|
| | | L | W | |
| 20547615 | Light Duty | 33.6 | 23.5 | 25 |

SR 5426

## Metal Magnetic Catch

**Nickel Plated Die-Cast Zinc Alloy**

- Magnetic catch comes with couterplate
- Can withstand a force of 4 kg
- Temperature resistance of 80°C
- Vibration Resistant






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | $L_1$ | $W_1$ | $L_2$ | W2 | |
| 491981 | 49 | 16 | 56 | 16 | 100 |

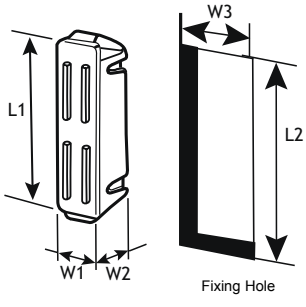
SR 5427

## Clip In Magnetic Catch

**White or Black Polypropylene**

- Quick and easy snap in fastening remains securely in place
- Ideal for metal cabinets








| Part Number | Colour | Panel Thickness (mm) | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | | $L_1$ | $L_2$ | $W_1$ | W2 | W3 | |
| 1219459 | White | 1.5 | 25.5 | 23 | 12.3 | 10.4 | 11 | 100 |
| 1219460 | White | 1.5 | 39.5 | 35 | 10.0 | 12.0 | 8.2 | 100 |
| 1219461 | Black | 2.0 | 54.0 | 51.5 | 12.5 | 14.5 | 10.8 | 100 |

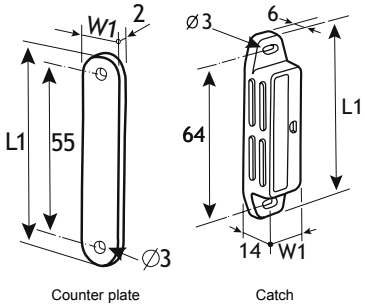
SR 5428

## Large Surface Mounted Catch

**White Polyamide**

- Heavy duty magnet
- Can withstand a force of 15kg
- Holes drilled for M3 screws
- Separate catch and counter plate





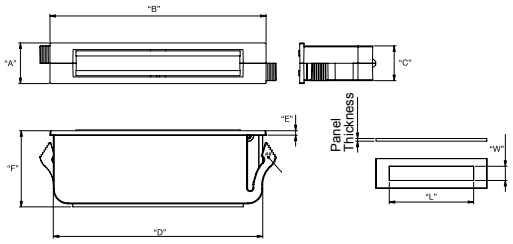



| Part Number | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | $L_1$ | $W_1$ | |
| 491986 | Catch | 74.0 | 17.5 | 100 |
| 491993 | Counter plate | 65.0 | 13.0 | 100 |

SR 5464

## Snap Fit Magnetic Catch

- Suitable for plate thickness 0.5-2.0mm
- Quick to install
- Snap-Fit directly into fixing hole
- Available in black and white
- All dimensions are in mm






| Color: White | Color: Black | "A" | "B" | "C" | "D" | "E" | "F" | Panel Thickness | "L" | "W" | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ML-S-1 | ML-S-1BK | 7.7 | 23.6 | 6.0 | 21.8 | 0.8 | 13.3 | 0.5 - 2.0 | 22.2 | 6.4 | 10 |
| ML-S-2 | ML-S-2BK | 7.7 | 23.6 | 6.0 | 21.8 | 0.8 | 13.3 | 2.0 - 3.5 | 22.2 | 6.4 | 10 |
| 496256 | 496257 | 9.5 | 39.7 | 7.7 | 37.9 | 0.8 | 25.4 | 0.5 - 2.0 | 38.1 | 8.1 | 20 |
| ML-M-2 | ML-M-2BK | 9.5 | 39.7 | 7.7 | 37.9 | 0.8 | 25.4 | 2.0 - 3.5 | 38.1 | 8.1 | 10 |
| ML-M-3 | ML-M-3BK | 9.5 | 39.7 | 7.7 | 37.9 | 0.8 | 25.4 | 3.5 - 5.0 | 38.1 | 8.1 | 10 |
| 496258 | 496259 | 11 | 58.5 | 9.2 | 56.7 | 1.2 | 20.6 | 0.5 - 2.0 | 57.1 | 9.6 | 20 |
| ML-L-2 | ML-L-2BK | 11 | 58.5 | 9.2 | 56.7 | 1.2 | 20.6 | 2.0 - 3.5 | 57.1 | 9.6 | 10 |
| ML-L-3 | ML-L-3BK | 11 | 58.5 | 9.2 | 56.7 | 1.2 | 20.6 | 3.5 - 5.0 | 57.1 | 9.6 | 10 |

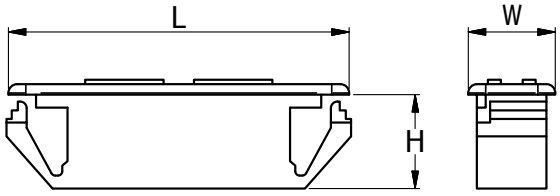
SR 5041

## Clip In Magnetic Catches

- Snap-on magnets can be used on metal or plastic
- Easily clips in without any screws
- With magnetic plate
- white/black optional
- Depending on the version, the maximum possible holding force is 2 to 15 kg
- The magnets are made of magnets embedded in polystyrene housings








| Part Number | L (mm) | W (mm) | H (mm) | Pull Force (kg) | Standard Pack Quantity |
|---|---|---|---|---|---|
| 1219459 | 25.5mm | 9.6 | 12 | 2 | 50 |
| 1219460 | 39.5mm | 10 | 12 | 3 | 20 |
| 1219461 | 54.8mm | 12.5 | 17 | 15 | 10 |

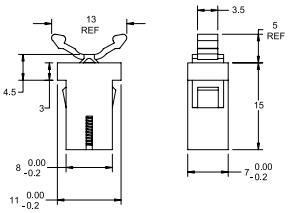
DL/DLS

## Door Latch and Strikers

**Type 1 - Latch**

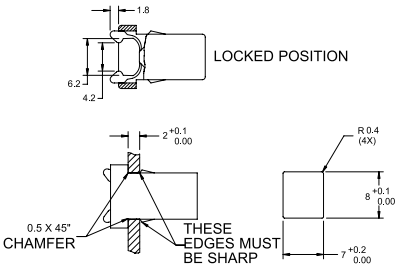
- Latch - UL94 HB Acetal RMS-121, Spring: Stainless Steel RMS-280
- Locking Stroke: 5.4, Release Stroke: 1.3
- Locking Stroke Force: 500 gr. ± 200 gr.
- Retention Force (Locked) = 1 kg. Min.
- Continuous Working Temperature = -10 - 60°C
- Life Cycle = 50,000 operations





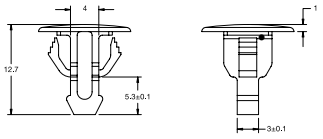

RECOMMENDED STRIKER (NOT SUPPLIED)

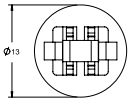
Type 1 Door Latch



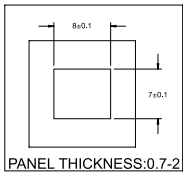

RECOMMENDED MOUNTING HOLE

Type 2 & 3 - Strickers
Black UL94 HB Acetal RMS-14

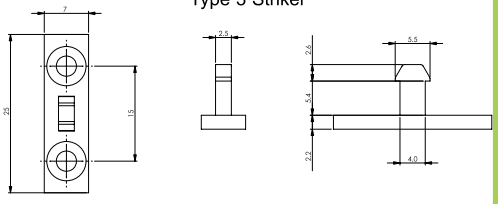



MOUNTING HOLE DETAIL




Type 3 Striker



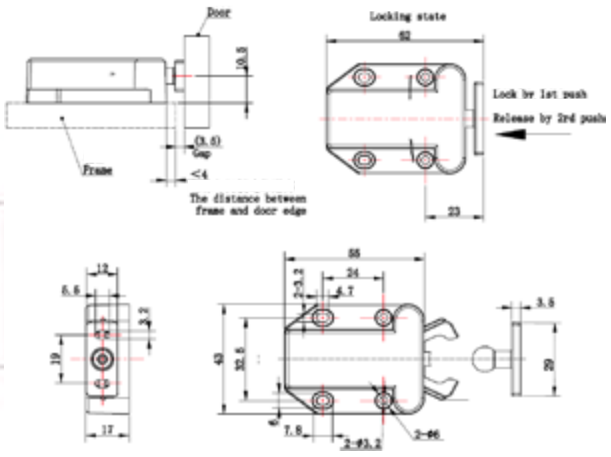

| Part Number | Type | Mounting Method | Std Pack Qty |
|---|---|---|---|
| DL-1X | 1 | - | 500 |
| DLS-1 | 2 | Reverse Mount | 1000 |
| DLS-2 | 3 | #3 or M3 Countersunk Screws | 1000 |

SR5074

## Push-to-close buckle

- Main material PA+GF30, POM
- The locking stroke is about 14mm, and the opening stroke is about 2.5mm
- Press and lock force about 20N, open press force about 12N
- After locking, the pull-out force is about 100N
- Life cycle = 50,000 operations






| Part Number | Colour | Mounting Method | Std Pack Qty |
|---|---|---|---|
| 10655061 | Black | M3 Countersunk Screws | 10 |

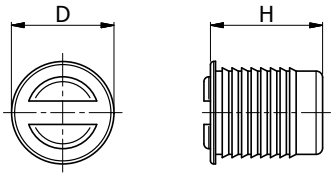
SR 5058

## Knock In Recessed Magnetic Catches

- The snap-in magnetic suction is suitable for drilling holes in wooden furniture - tap lightly with a mallet, until firmly fixed in wood
- Once installed, the buckle can only be seen on the front surface of the ground
- Equipped with baffle
- White/black optional
- Depending on the version, a maximum clamping force of 1 kg - 6 kg can be achieved
- The magnets are made of magnets embedded in polystyrene housings



| Part Number | Colour | Diameter (mm) | Height (mm) | Magnetic Force (kg) | Std Pack Qty |
|---|---|---|---|---|---|
| 1219462 | Black | 9.5 | 10.5 | 1 | 20 |
| 1219463 | Black | 9.5 | 15 | 2 | 20 |
| 1219464 | Black | 14 | 15.3 | 4 | 20 |
| 1219466 | White | 14 | 15.3 | 4 | 20 |

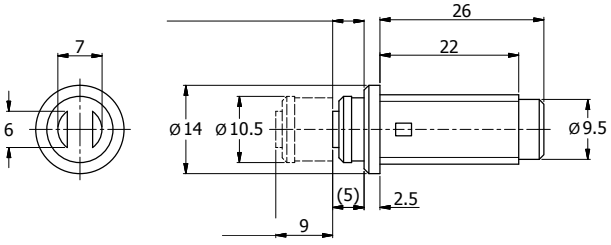


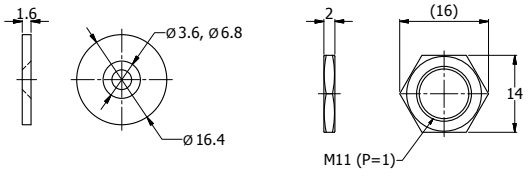

SR 5064

## Recessed Magnetic Catch

- Push to open/close mechanism
- For folding doors, leave a gap of 3.5 mm between the door and the cabinet frame, for pressing action
- The latch is made of ABS ferrite magnets






| Part Number | Magnetic Force (kg) | Weight (gm) | Std Pack Qty |
|---|---|---|---|
| 1222645 | 1.3 | 9 | 350 |

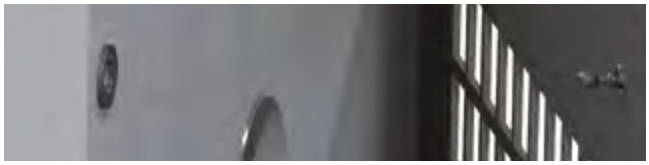
**CS**

# Catch & Striker

**PP**

- Striker is mounted with the striker base (CS-113-3) and screwed into the door or mounted to outside of removable panel (CS-113-6)
- The catch is designed for mounting either in wood cabinets (CS-113-1) or into a panel (CS-113-4)

| Average Insertion &Extraction Data | CS-113-1 | | CS-113-4 | |
|---|---|---|---|---|
| | Insertion (N) | Extraction (N) | Insertion (N) | Extraction (N) |
| CS-113-2 | 34 | 22 | 12 | 11 |
| CS-113-5 | 24 | 64 | 16 | 38 |
| CS-113-6 | 24 | 64 | 16 | 38 |



## Catch

| Part Number | Type | Mounting Hole Ø | Mounting Panel | Material | Colour |
|---|---|---|---|---|---|
| CS-113-1 | 1 | 14 | Min 10MM board of compliant material (i.e. wood, fiberboard, etc.) | UL94V2 Supertough | Black |
| CS-113-4 | 4 | 14 | 3.2MM Panel | UL94 V2, Nylon 6, RMS-159 | Natural |

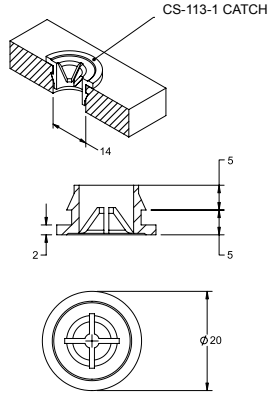
## Striker

| Part Number | Type | Mounting Recommendation | | Material | Colour |
|---|---|---|---|---|---|
| CS-113-2 | 2 | Use Base CS-113-3 | | UL94 V2 Supertough Nylon 6/6, RMS-73 | Black |
| CS-113-5 | 5 | Use Base CS-113-3 | | UL94 V2 Nylon 6/6, RMS-01 | Natural |
| CS-113-6 | 6 | Mounting Hole 5.8 - 6.4 | "Panel Thickness 1.6" | UL94 HB Impact, Modified Nylon 6/6, RMS-148 | Black |

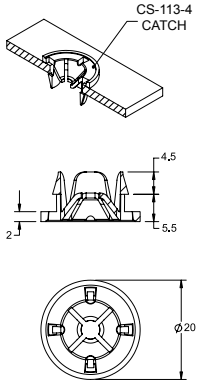
## Base

| Part Number | Type | Recommended Mounting Screw | Material | Colour |
|---|---|---|---|---|
| CS-113-3 | 3 | "M3 Counter Sunk" | UL94 HB, Acetal, RMS-39 | Black |

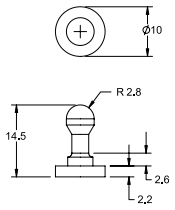
Type 1



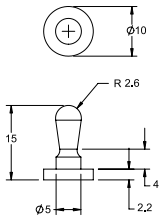

Type 4



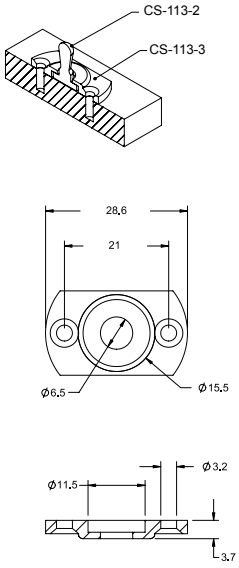

Type 5



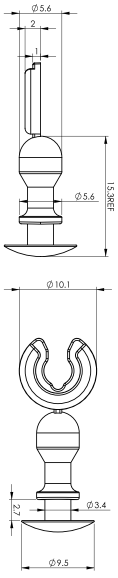

Type2




Type 3




Type 6



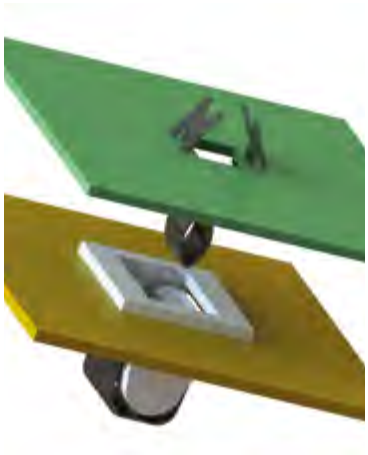
DCS

# Metal & Plastic Catch & Striker

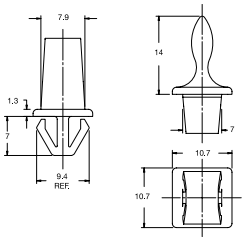
**Type 1 - Latch**

- Type 1 - Striker - Natural POM RMS-14
- Type 2 - Striker - Plated steel RMS-212, Dichromate plated finish RMS-272
- Type 3 - Catch Assembly - Catch: Natural Nylon 6/6 RMS-01, Metal Clip, Plated Steel RMS 212, Black Oxide Finish, RMS-372

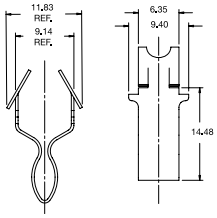




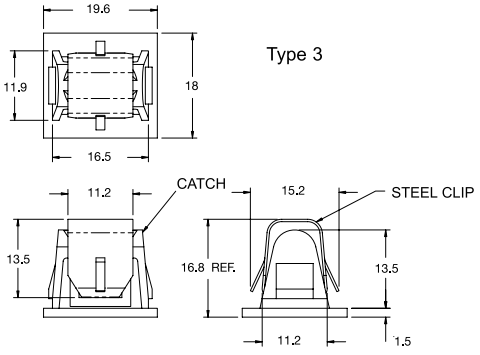
Type 1




Type 2




Type 3



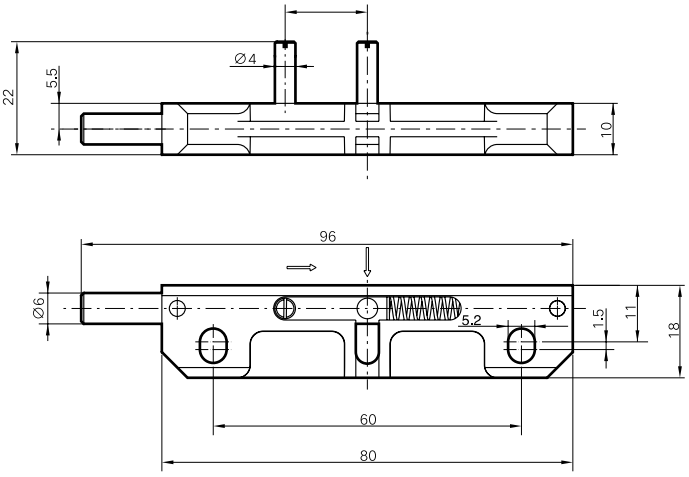

| Part Number | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Mounting Hole | Panel Thickness | |
| DCS-1 | 1 | 7.29 x 7.29 | 0.81-1.32 | 500 |
| DCS-4 | 2 | 7.29 x 7.29 | 0.81-1.32 | 500 |
| DCS-7 | 3 | 7.29 x 7.29 | 0.89-1.57 | 500 |

## Door Pin

**Zinc alloy base, stainless steel pin spring**

- Surface treatment: sandblasting nickel plating





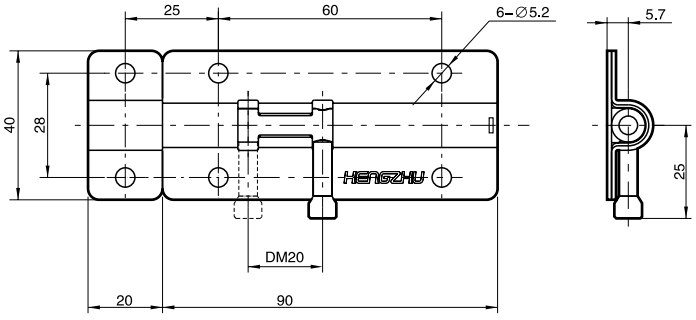

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20036454 | 63 | 300 |

## Door Pin

**Stainless steel**

- Surface treatment: brushed






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20045142 | 122.5 | 300 |

SR 5506

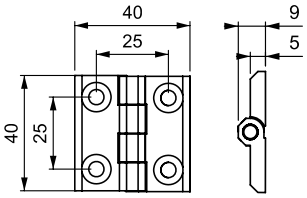
## Metal Leaf Hinges

**Die-Cast Zinc Alloy**

- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°

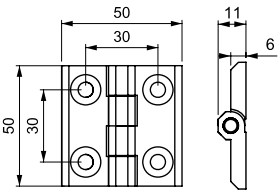


Type 1



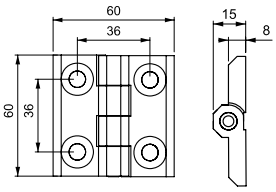


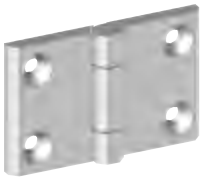

Type 2



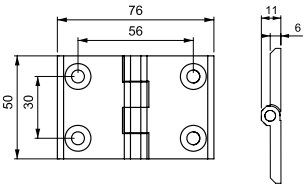



Type 3



Type 4

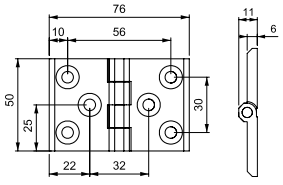



| Part Number | | Type | Bolt Hole Size | Size (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | | |
| 299113E | 299123E | 1 | M5 | 40 x 40 | 50 |
| 099114E | 099124E | 2 | M6 | 50 x 50 | 50 |
| 399114E | 399124E | 3 | M8 | 60 x 60 | 50 |
| 0991110E | 0991210E | 4 | M6 | 76 x 50 | 50 |

All dimensions in mm

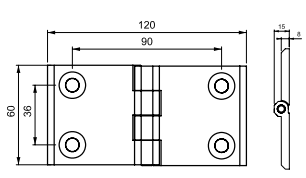


Type 5



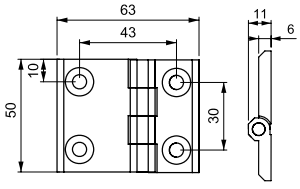



Type 6



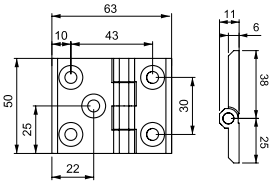



Type 7






Type 8




| Part Number | | Type | Bolt Hole Size | Size (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | | |
| 099116E | 099126E | 5 | M6 | 76 x 50 | 50 |
| 399116E | 399126E | 6 | M8 | 120 x 60 | 50 |
| 099117E | 099127E | 7 | M6 | 63 x 50 | 50 |
| 099115E | 099125E | 8 | M6 | 63 x 50 | 50 |

All dimensions in mm

CONTINUED ON NEXT PAGE

SR 5506

# Metal Leaf Hinges

**Die-Cast Zinc Alloy**

- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°

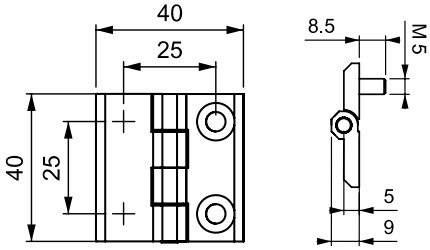


Type 9



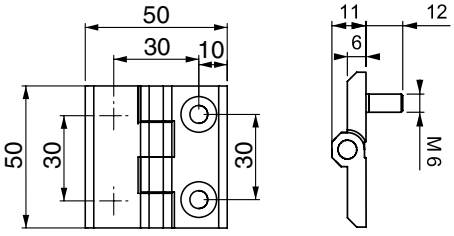



Type 10



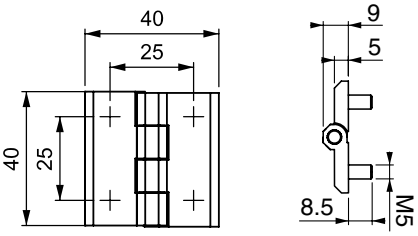



Type 11






Type 12




| Part Number | | Type | Screw Hole Size | Size (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | | |
| 399115E | 399125E | 9 | M8 | 90 x 60 | 30 |
| 299112E | 299122E | 10 | M5 | 40 x 40 | 75 |
| 099112E | 099122E | 11 | M6 | 50 x 50 | 50 |
| 299111E | 299121E | 12 | - | 40 x 40 | 75 |

SR 5506

# Metal Leaf Hinges

**Die-Cast Zinc Alloy**

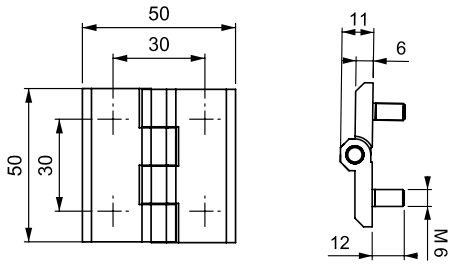
- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°

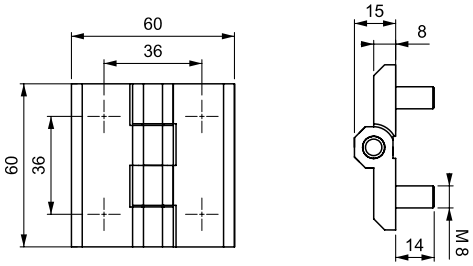


Type 13



Type 14



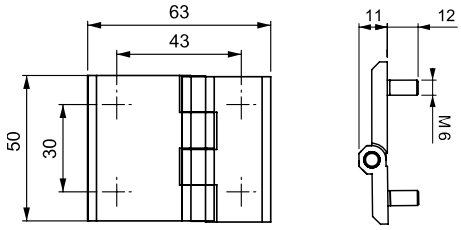



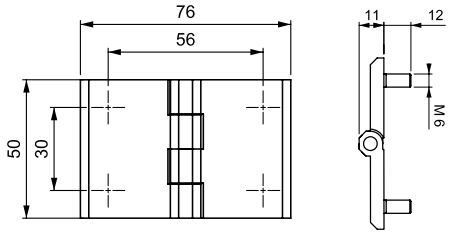



Type 15



Type 16




| Part Number | | Type | Size (mm) | Std Pack Qty |
|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | |
| 099111E | 099121E | 13 | 50 x 50 | 50 |
| 399111E | 399121E | 14 | 60 x 60 | 50 |
| 099118E | 099128E | 15 | 63 x 50 | 50 |
| 099119E | 099129E | 16 | 76 x 50 | 50 |

All dimensions in mm

SR 5506

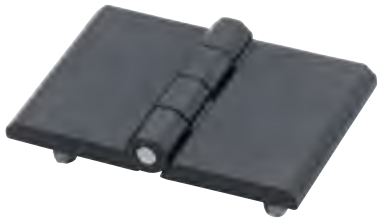
## Metal Leaf Hinges

**Die-Cast Zinc Alloy**

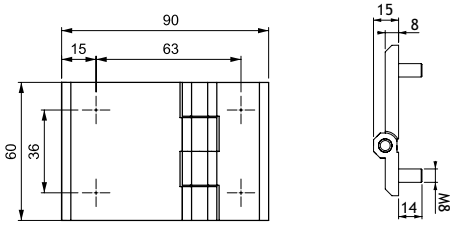
- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°

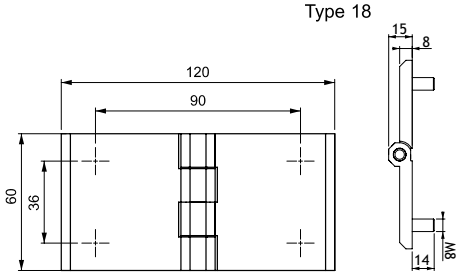


Type 17



Type 18




| Part Number | | Type | Size (mm) | Std Pack Qty |
|---|---|---|---|---|
| Chrome Plated | Black Powder Coated | | | |
| 399112E | 399122E | 17 | 90 x 60 | 25 |
| 399113E | 399123E | 18 | 120 x 60 | 25 |

All dimensions in mm

SR 5546

## Flat Hinges

**Type 1 & 2: Steel - Black Coated Finish**
**Type 3: Die-Cast Zinc Alloy & Delrin Bearing**

- Stainless Steel Pin
- Type 1 & 2: Very strong hinge - tamperproof
- Type 1 & 2: Supplied with M8 x 12mm fixings
- Type 1 & 2: 270° hinge rotational angle
- Type 3: 180° hinge rotational angle



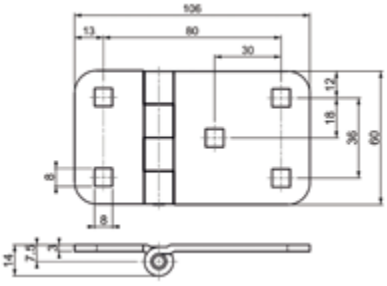
Type 1

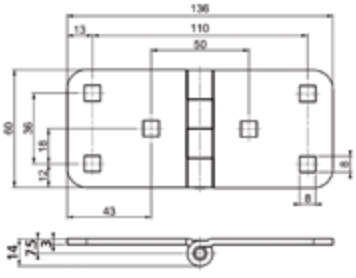


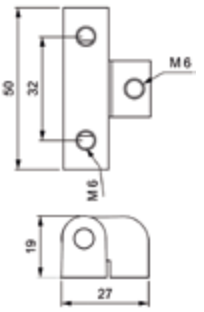
Type 2



Type 3



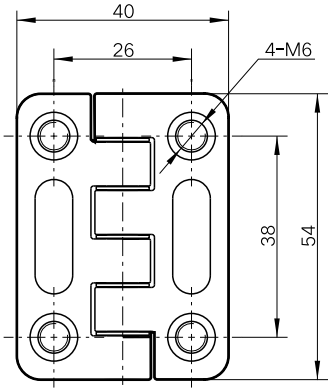

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 499622E | 1 | 4 |
| 499623E | 2 | 4 |
| 693122E | 3 | 50 |

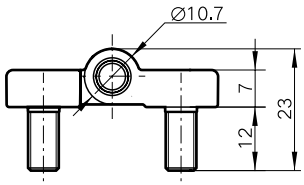
## Leaf Hinge

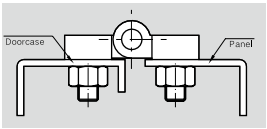
**Zinc alloy dynamic and static hinges, stainless steel and nickel-plated steel pins**

- Surface treatment: spray matte black
- Remarks: Rotate about 180°





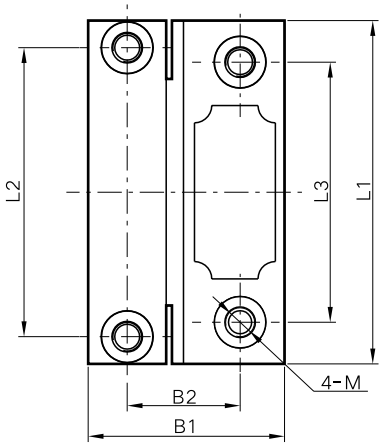

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20033705 | 108 | 200 |

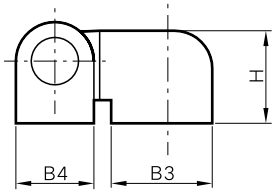
## Leaf Hinge

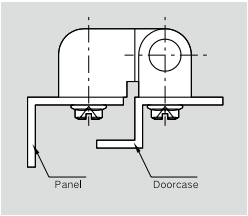
**Zinc alloy dynamic and static hinges, stainless steel and nickel-plated steel pins**

- Remarks: Rotate about 180°






| Dimensions (mm) | | | | | | | | | | Product Type and Characteristics | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Non-Damping Hinge | | | |
| L1 | L2 | L3 | B1 | B2 | B3 | B4 | H | M | Part Number | Surface Treatment | Product unit weight (g) | Std Pack Qty |
| 30 | 22 | 22 | 22 | 13 | 9 | 10 | 13 | 4 | 20034092 | Matte Black | 43 | 500 |

SR 5507

# Plastic Leaf Hinges

**Polyamide 30% glass fibre reinforced**

- Stainless steel pin
- Type 1-3 to suit M6 fixings
- Type 4-6 to suit M5 fixings



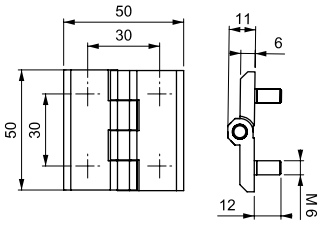
Type 1&4



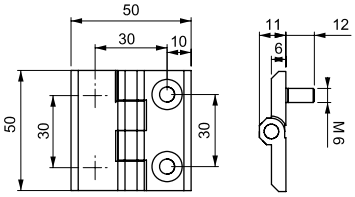
Type 2&5



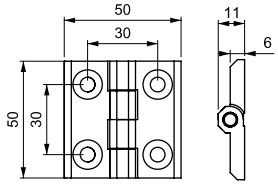
Type 3&6



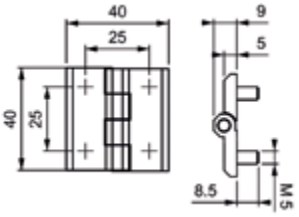

Type 1



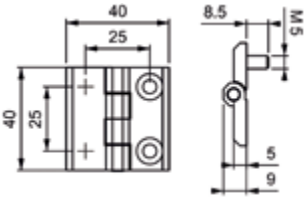

Type 2



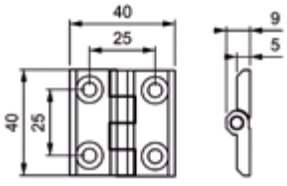

Type 3




Type 4




Type 5




Type 6

50mm x 50mm

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 199201E | 1 | 50 |
| 199202E | 2 | 50 |
| 199203E | 3 | 50 |

40mm x 40mm

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 299201E | 4 | 100 |
| 299202E | 5 | 100 |
| 299203E | 6 | 100 |

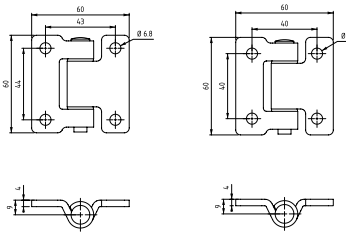
All dimensions in mm

**SR 5077**

## Leaf Hinge

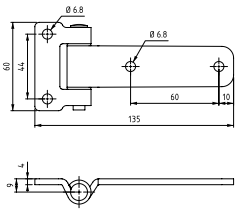
**Body: Steel Pin: Steel**

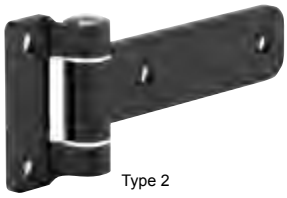
- Hinge rotation angle 180°
- Generally used for ordinary / recessed installation isolation door, heavy door
- Mainly used for generators and mechanical covers



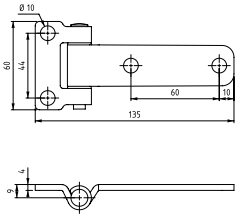


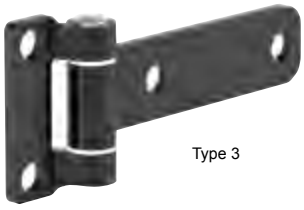
Type 1



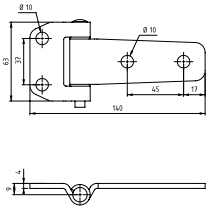


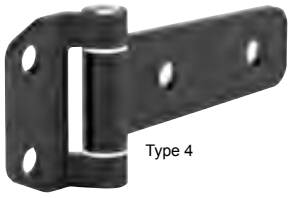
Type 2



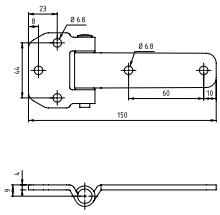


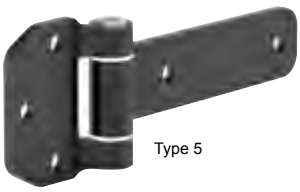
Type 3





Type 4





Type 5

| Part Number | | Type | Std Pack Qty |
|---|---|---|---|
| Galvanized Steel | Black Powder Coating | | |
| 1599631 | 1599621 | 1 - a | 25 |
| 1599636 | 1599626 | 1 - b | 25 |
| 1599632 | 1599622 | 2 | 25 |
| 1599633 | 1599623 | 3 | 25 |
| 1599634 | 1599624 | 4 | 25 |
| 1599635 | 1599625 | 5 | 25 |

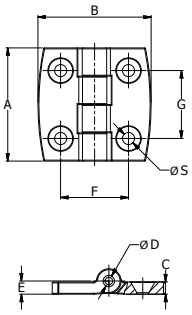
SR 6497

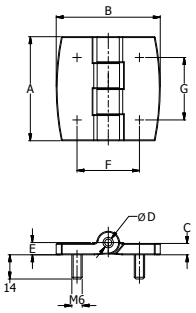
## Square Design Hinges with 4 Holes or Pins

- Black PA reinforced glass fiber (30%)
- 304 stainless steel knurled pin
- 304 stainless steel studs (nuts not provided)
- Corrosion resistance, beautiful
- Maximum rotation angle 270°


Type 1


Type 2



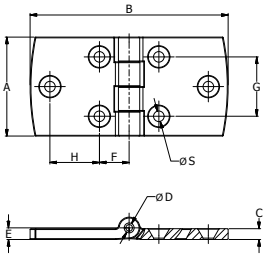

Type 1 - 4 Counterbore
Type 2-4 Stud M6

| Part Number | Type | Dimensions (mm) | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | S | |
| 550054 | 1 | 30 | 30 | 3 | 3 | 3.5 | 18 | 18 | 3.2 | 20 |
| 550055 | 1 | 40 | 40 | 5.2 | 4 | 5.7 | 25 | 25 | 5.3 | 20 |
| 550056 | 1 | 50 | 50 | 5.9 | 5 | 6.4 | 30 | 30 | 6.4 | 20 |
| 550057 | 1 | 60 | 60 | 6.5 | 6 | 7 | 36 | 36 | 6.4 | 20 |
| 550058 | 2 | 60 | 60 | 6.5 | 6 | 7 | 36 | 36 | – | 20 |

SR 6496

## Symmetrical Design Hinges with 6 holes

- Black PA reinforced glass fiber (30%) airfoil
- 304 stainless steel knurled pin
- Beautiful and durable
- Up to 270° rotation angle





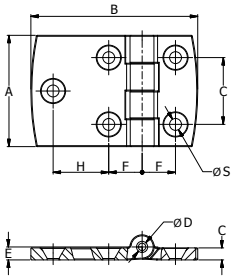

| Part Number | Type | Dimensions (mm) | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | S | |
| 550059 | 40 | 80 | 5.2 | 4 | 5.7 | 13.5 | 25 | 19 | 5.3 | 20 |
| 550060 | 40 | 120 | 5.2 | 4 | 5.7 | 14.5 | 25 | 38 | 5.3 | 20 |
| 550061 | 50 | 100 | 5.9 | 5 | 6.4 | 16 | 30 | 24 | 6.4 | 20 |

SR 6495

New

## Asymmetrical Design Hinges with 5 holes

- Black PA reinforced glass fiber (30%) airfoil
- 304 stainless steel knurled pin
- Beautiful and durable
- Up to 270° rotation angle






| Part Number | Dimensions (mm) | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H | S | |
| 550062 | 40 | 80 | 5.2 | 4 | 5.7 | 13.5 | 38 | 5.3 | 20 |
| 550063 | 50 | 75 | 5.9 | 5 | 6.4 | 15.5 | 24 | 6.4 | 20 |

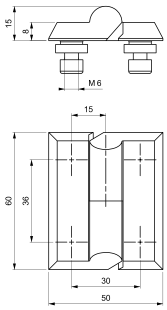
SR 5077

## Stainless Steel Lift Off Hinge

**Lock body: stainless steel (AISI 316)**
**Pin: Stainless steel (AISI 303)**

- Concealed mounting screws prevent external access
- Designed for plain/recessed doors
- Suitable for left-handed and right-handed applications






| Part Number | Locking Direction | Std Pack Qty |
|---|---|---|
| 359940001E | Right Hand | 100 |
| 359940002E | Left Hand | 100 |

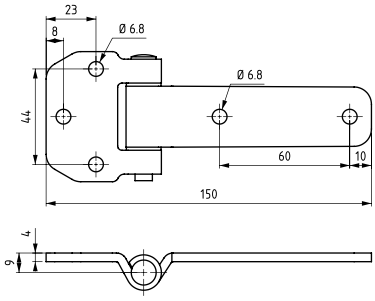
SR 5080

## Stainless Steel Lift Off Hinge

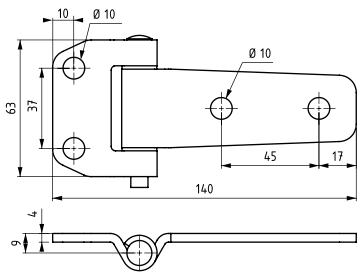
**Lock body: stainless steel (AISI 304)**
**Pins: Stainless steel (AISI 303)**

- Commonly used for flush/flush mount, isolated heavy duty doors.
- Both parts are connected by screws or by nuts and bolts
- Hinge swivel angle is 180°

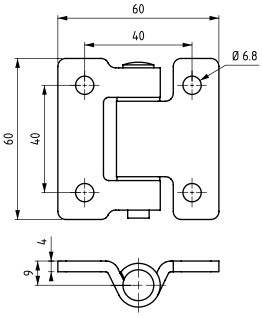





V:2




V:1




V:3

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 1599404E | 1 | 100 |
| 1599405E | 2 | 100 |
| 1599406E | 3 | 100 |

SR 5562

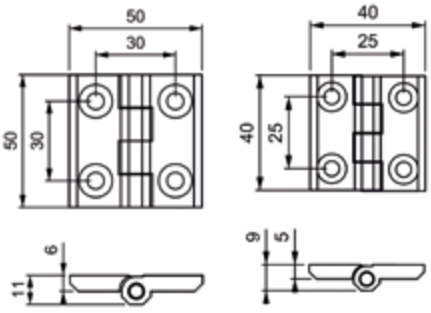
## Premium Stainless Steel Leaf Hinges

**Stainless Steel AISI 304**

- 270° Hinge Rotation Angle
- Generally used for plain or flush mounted doors

Stainless Steel






Type 1 Type 2

| Part Number | Type | Bolt Hole Size | Std Pack Qty |
|---|---|---|---|
| 099404E | 1 | M6 | 25 |
| 299403E | 2 | M5 | 25 |

SR 5420

## Square Stainless Steel Hinges

**Polished Stainless Steel 304**

- General Purpose hinges suitable for a wide variety of applications
- Countersunk Holes

Stainless Steel


Type 1


Type 2


Type 3

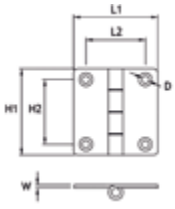

Type 4


Type 5


Type 6

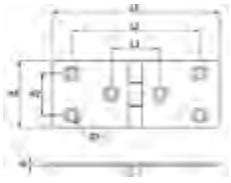

Type 7

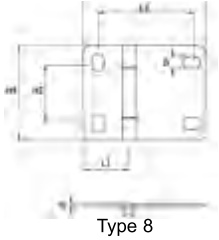

Type 8



Type 1-4


Type 5


Type 6&7


Type 8

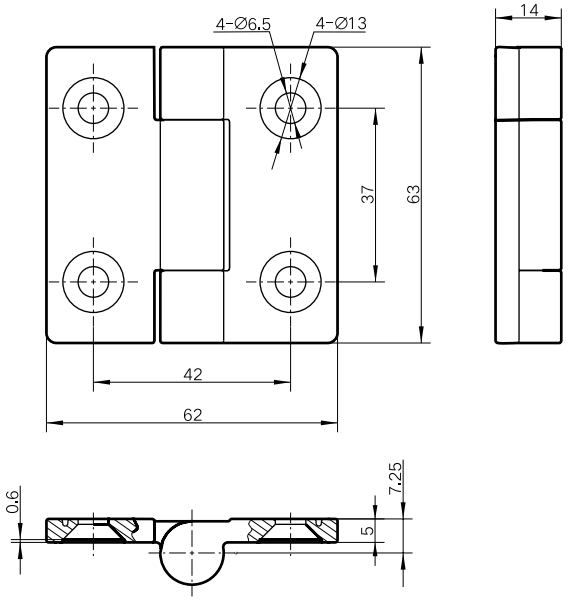
| Part Number | Type | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | $L_1$ | $L_2$ | $L_3$ | $H_1$ | $H_2$ | W | $D_1$ | |
| 1284312 | 1 | 39.0 | 27.6 | - | 40.0 | 30.0 | 1.5 | 3.5 | 40 |
| 1284313 | 2 | 40.0 | 25.3 | - | 40.0 | 21.2 | 1.5 | 4.6 | 40 |
| 1284314 | 3 | 39.0 | 23.0 | - | 40.0 | 24.0 | 1.5 | 4.6 | 40 |
| 1285096 | 4 | 90.0 | 60.0 | - | 60.0 | 40.0 | 3.0 | 6.3 | 40 |
| 1285097 | 5 | 33.5 | 20.5 | - | 50.8 | 38.8 | 1.0 | 4.6 | 40 |
| 1285098 | 6 | 49.5 | 35.5 | 22.8 | 60.0 | 48.0 | 1.5 | 3.7 | 40 |
| 1287382 | 7 | 100.0 | 77.0 | 29.0 | 40.0 | 25.0 | 1.5 | 6.0 | 20 |
| 1284315 | 8 | 70.5 | 55.0 | 26.5 | 55.0 | 32.0 | 1.5 | 6.8 | 20 |

## Leaf Hinge

**Stainless steel**

- Surface treatment: mirror polishing
- Remarks: Rotate about 270°






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042165 | 290.5 | 200 |

## Leaf Hinge

**Stainless steel**

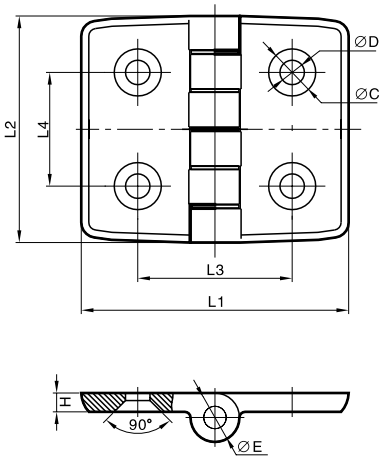
- Surface treatment: brushed
- Remarks: The rotation is about 180°

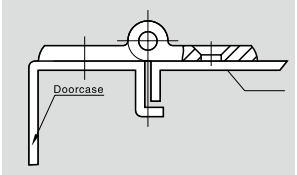


1724338



1724339



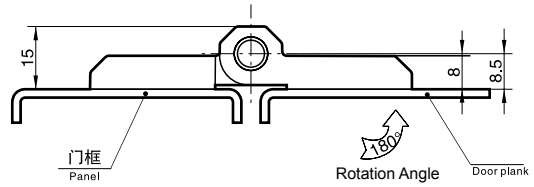




| Dimensions (mm) | | | | | | | | Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| L1 | L2 | L3 | L4 | H | C | D | E | | | |
| 71 | 60 | 41 | 30 | 5 | 12.5 | 6.5 | 13 | 20042141 | 154 | 500 |
| 51 | 40 | 32.5 | 20 | 4.3 | 10.5 | 5.5 | 10 | 20042158 | 59 | 500 |

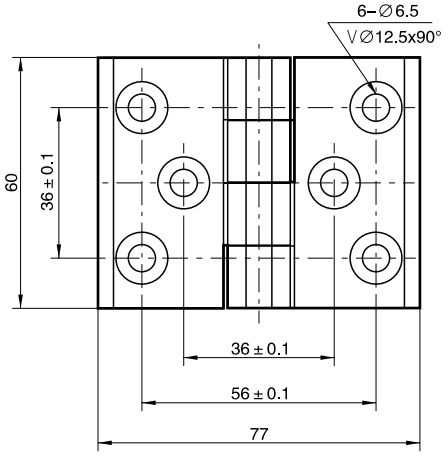
## Leaf Hinge

**Stainless steel**

- Surface treatment: brushed
- Remarks: Rotate about 180°





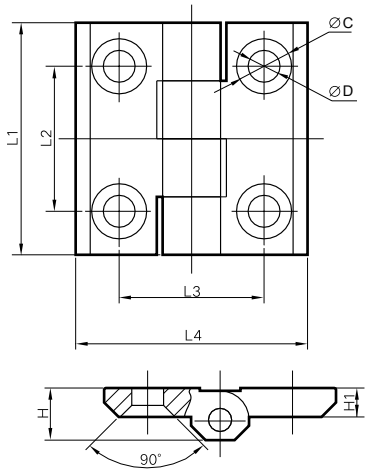

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042189 | 290.5 | 200 |

## Leaf Hinge

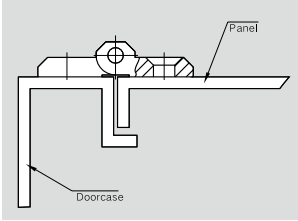
**Stainless steel**

- Remarks: Rotate about 180°





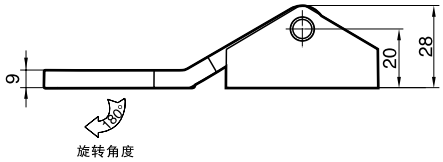

| Dimensions (mm) | | | | | | | | Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| L1 | L2 | L3 | L4 | H | ØC | ØD | H1 | | | |
| 60 | 36 | 36 | 60 | 15 | 15.5 | 8.5 | 8 | 20042073 | 168.2 | 200 |
| 50 | 30 | 30 | 51 | 12 | 12.5 | 6.3 | 6 | 20042080 | 105 | 200 |
| 40 | 25 | 25 | 40 | 9 | 10 | 5.3 | 5 | 20042097 | 50 | 500 |



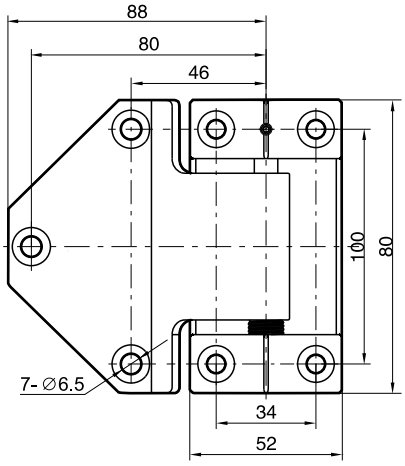
## Heavy Duty Leaf Hinge

**Stainless steel**

- Surface treatment: brushed
- Remarks: The rotation is about 180°





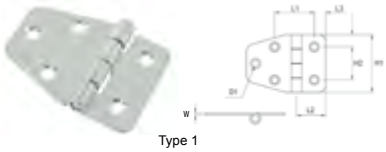

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042257 | 523 | 40 |

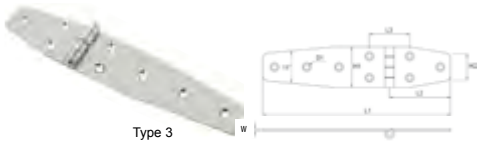
**SR 5422**

## Angled Stainless Steel Hinge

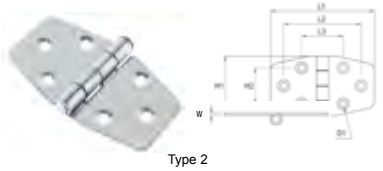
**Polished stainless steel AISI 304**

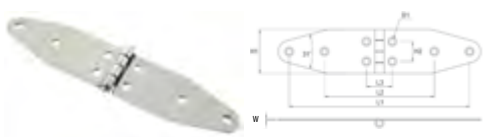
- Universal hinges for various application scenarios
- Countersunk screw

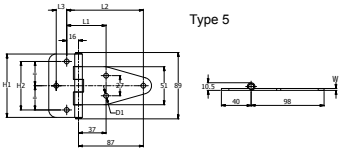

Type 1


Type 3


Type 5


Type 2


Type 4



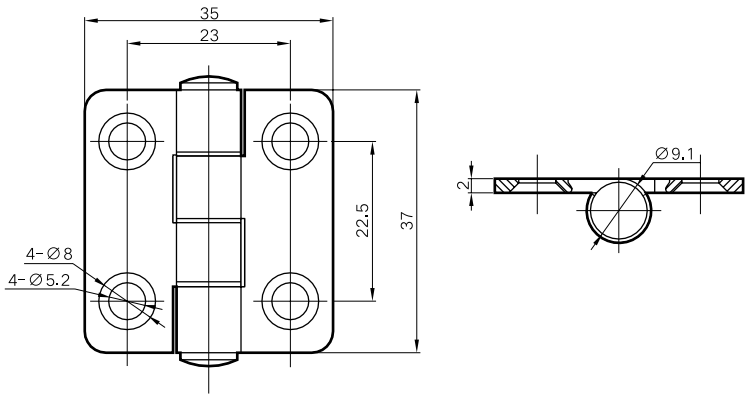
| Part Number | Type | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | L1 | L2 | L3 | H1 | H2 | W | D1 | |
| 1284316 | 1 | 27.5 | 20.3 | 8.0 | 40.0 | 23.0 | 1.5 | 4.5 | 40 |
| 1287383 | 2 | 69.5 | 52.0 | 28.0 | 40.0 | 24.0 | 1.5 | 4.7 | 40 |
| 1285101 | 3 | 175.0 | 57.0 | 38.0 | 38.0 | 23.5 | 2.0 | 5.2 | 20 |
| 1287384 | 4 | 53.0 | 103.0 | 14.0 | 85.0 | 65.0 | 1.5 | 6.5 | 50 |
| 59940 | 5 | 165.0 | 100.5 | 23.6 | 40.0 | 18.0 | 2.5 | 5.2 | 20 |

## Leaf Hinge

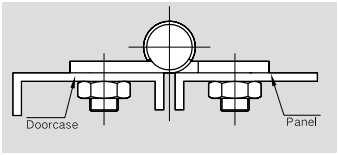
**Stainless steel**

- Surface treatment: brushed
- Remarks: Rotate about 180°






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042325 | 290.5 | 200 |

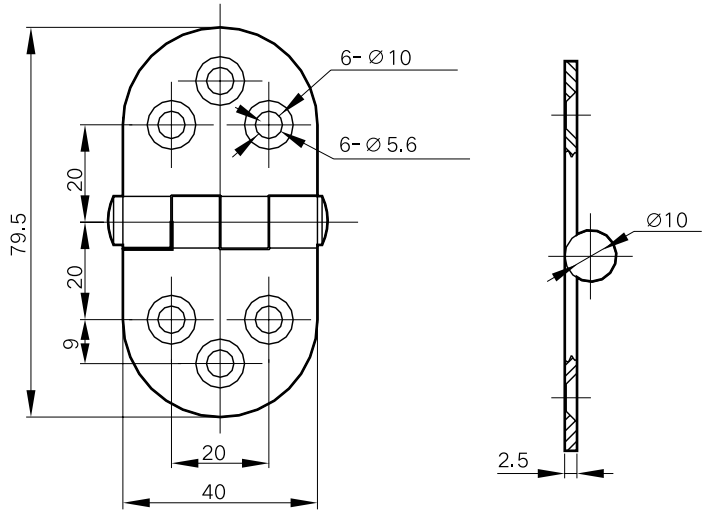



## Leaf Hinge

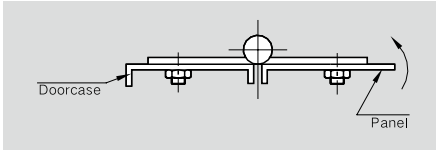
**Stainless steel**

- Surface treatment: brushed
- Remarks: Rotate about 180°






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042349 | 290.5 | 200 |



## Leaf Hinge

**Stainless Steel Hinge**

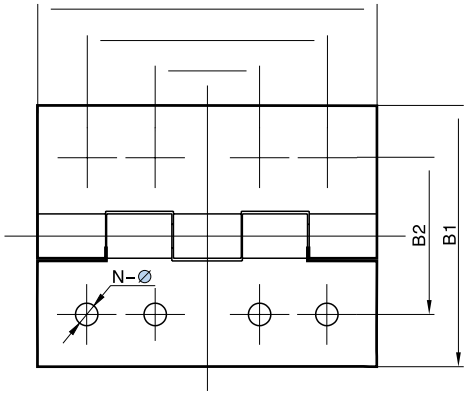
- Surface treatment: brushed
- Remarks: The rotation is about 180°

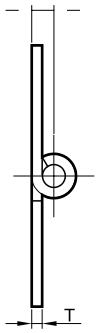


1724342

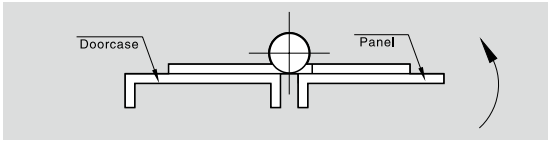


1724344




| Dimensions (mm) | | | | | | | | | Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L1 | L2 | L3 | B1 | B2 | Ø | H | T | N | | | |
| 100 | 78 | | 60 | 38 | 6.4 | 6 | 3 | 8 | 20042363 | 191 | 200 |
| 90 | 70 | | 60 | 38 | 6.4 | 6 | 3 | 6 | 20042370 | 175 | 200 |
| 75 | 54 | | 50 | 30 | 5.3 | 4.3 | 1.5 | 6 | 20042387 | 62 | 200 |

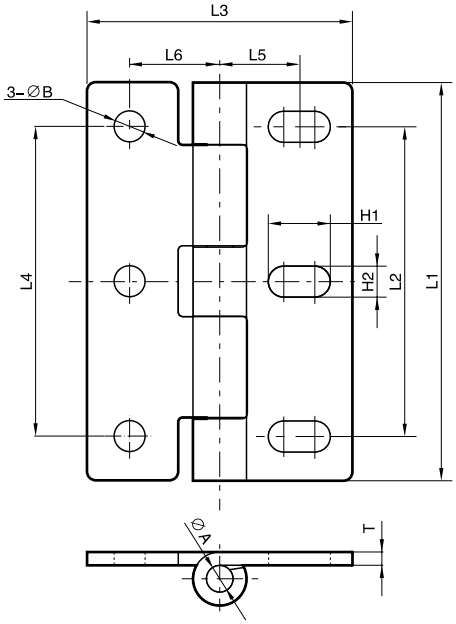



## Leaf Hinge

**Stainless steel dynamic and static hinges, stainless steel pins**

- Surface treatment: brushed
- Remarks: The rotation is about 180°





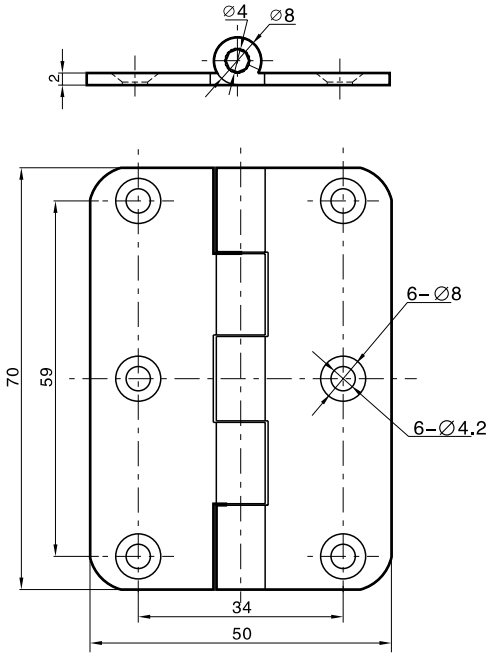

| Dimensions (mm) | | | | | | | | | Ø | ØB | Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1 | L2 | L3 | L4 | L5 | L6 | H1 | H2 | T | | | | | |
| 75 | 54 | 50 | 54 | 15 | 15 | 12 | 6 | 2 | 4.6 | 5.5 | 20042455 | 77 | 300 |

## Leaf Hinge

**Stainless steel**

- Surface treatment: brushed
- Remarks: Rotate about 180°





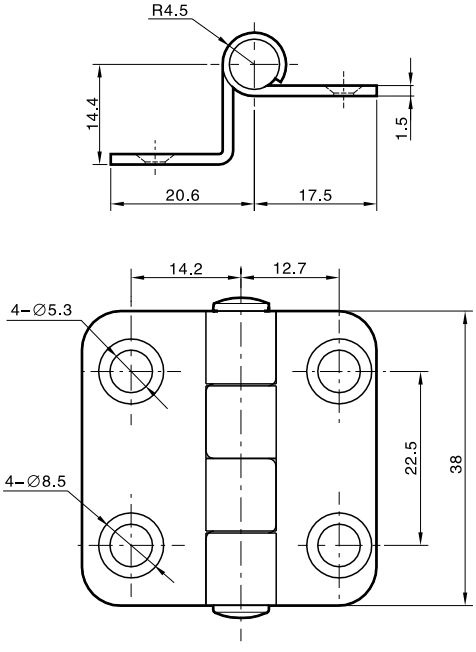

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042424 | 70.5 | 500 |

## Stepped Hinge

**Mirror stainless steel hinges, stainless steel pins**

- Surface treatment: brushed
- Remarks: Rotate about 180°





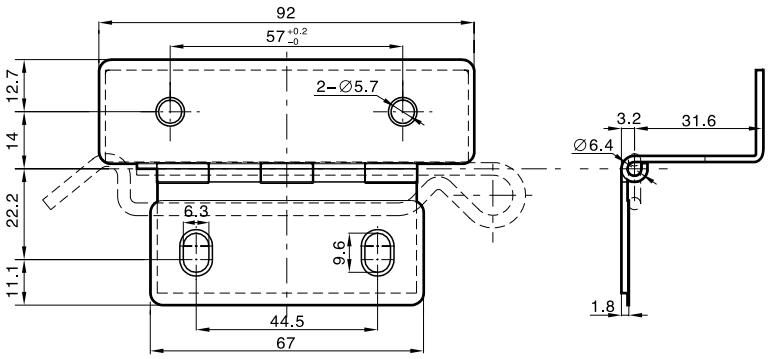

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20043049 | 35.5 | 500 |

## Stepped Hinge

**Stainless Steel Hinge**

- Surface treatment: brushed
- Remarks: The rotation is about 180°





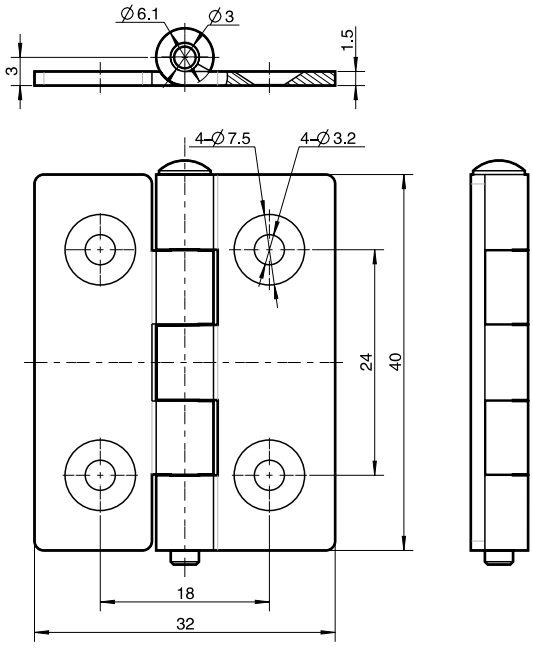

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20043063 | 92 | 200 |

## Leaf Hinge

**Stainless steel dynamic and static hinges, stainless steel pins**

- Surface treatment: brushed
- Remarks: The rotation is about 180°





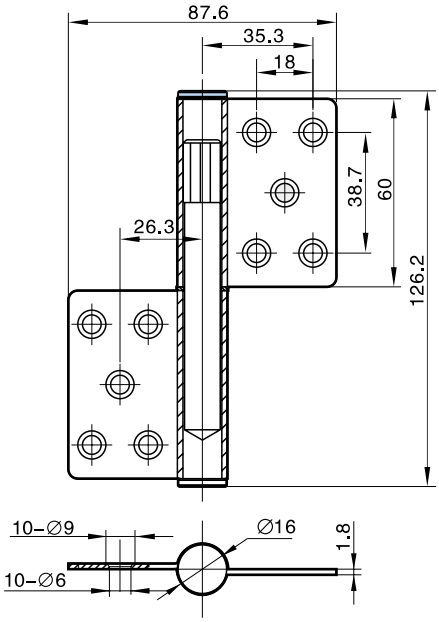

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042479 | 20 | 500 |

## Rolled Flat Hinge

**Stainless steel**

- Surface treatment: brushed
- Remarks: Rotate about 180°






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20043087 | 217 | 100 |

## Rolled Flag Hinge

**Stainless steel hinge**

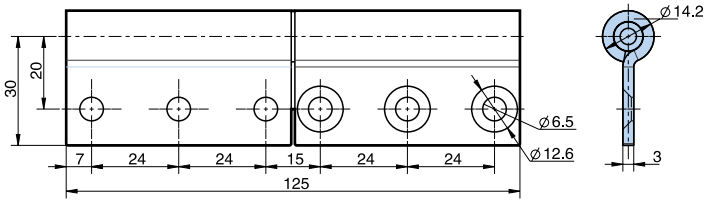
- Surface treatment: brushed
- Remarks: Rotate about 180°



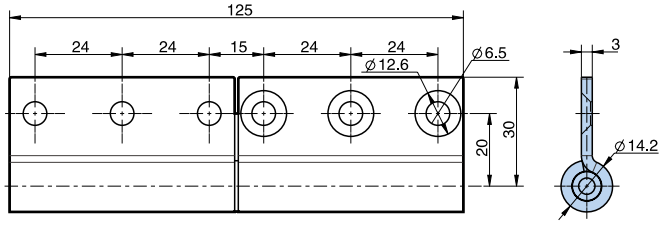
1724351



1724352




1724351 R




1724352 L

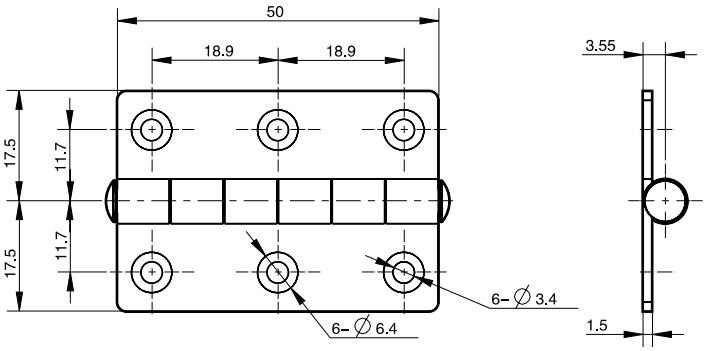
| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 1724351 | 196 | 100 |
| 1724352 | 196 | 100 |

## Leaf Hinge

**Stainless Steel Hinge**

- Surface treatment: mirror polishing
- Remarks: The rotation is about 270°





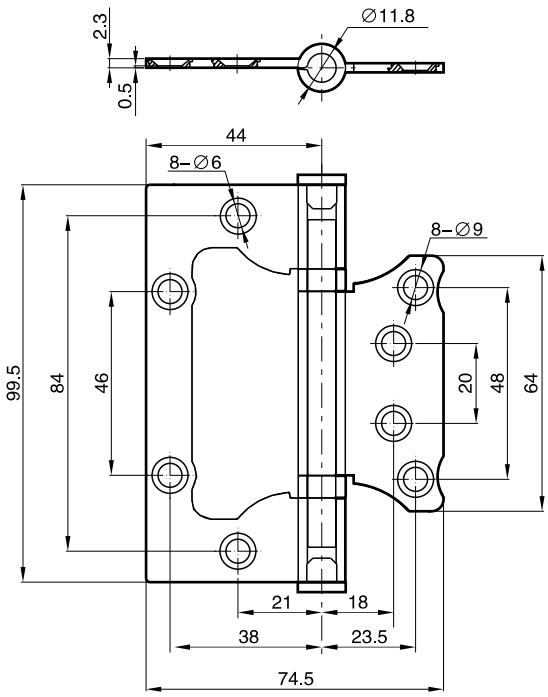

| Part Number |
|---|
| 20042509 |

## Leaf Hinge

**Stainless steel dynamic and static hinges, stainless steel pins**

- Surface treatment: mirror polishing
- Remarks: The rotation is about 270°






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20042462 | 142 | 200 |

SR 5584

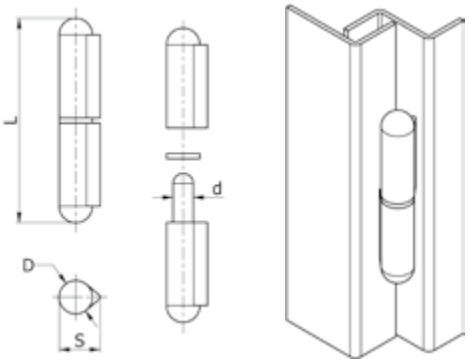
# Stainless Steel Weld On Hinge

**Stainless steel**

- Minimalist design
- Wide range of uses
- With/without grease nipple



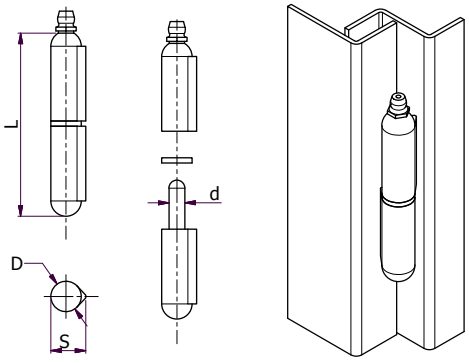
Type 1




| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | L | D | d | S | |
| 1349748 | 1 | 60.0 | 10.0 | 6.0 | 11.9 | 50 |
| 1349732 | 1 | 80.0 | 13.0 | 8.0 | 15.5 | 25 |
| 1349733 | 1 | 100.0 | 16.0 | 10.0 | 19.6 | 25 |
| 1349749 | 1 | 120.0 | 16.0 | 10.0 | 19.6 | 25 |



Type 2



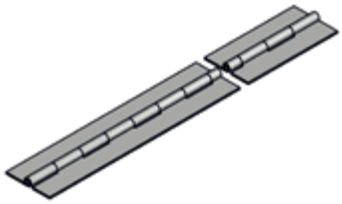

| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | L | D | d | S | |
| 1349767 | 2 | 60.0 | 10.0 | 6.0 | 12.5 | 50 |
| 1349768 | 2 | 80.0 | 13.0 | 8.0 | 16.0 | 25 |
| 1349769 | 2 | 100.0 | 16.0 | 10.0 | 20.0 | 25 |
| 1349770 | 2 | 120.0 | 16.0 | 10.0 | 20.0 | 25 |

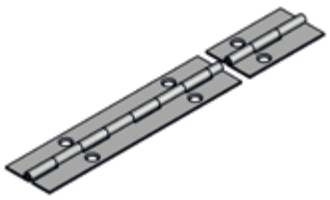
SR 5590

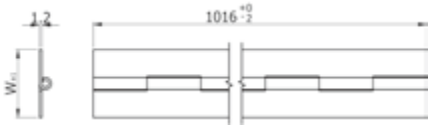
## 1.2mm Continuous Hinge

**Steel or 304 Stainless Steel**

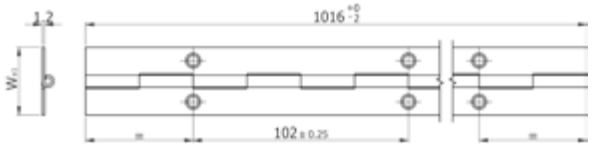
- Light duty continuous hinge
- Sold in packs of 2 x 1020mm lengths
- Available drilled or undrilled
- Can be riveted, screwed or welded in position
- Ideal for lightweight furniture, cabinet/enclosures and sheetmetal fabrication
- Drilled type has holes to suit countersunk No.6 screws








Type 1 - Undrilled




Type 2 - Drilled

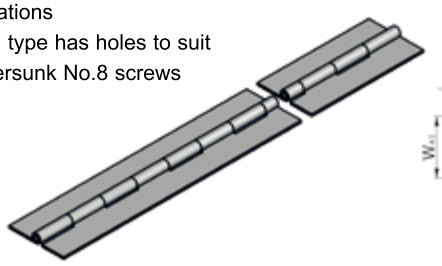
| Part Number | W | Type | Material | Std Pack Qty |
|---|---|---|---|---|
| 493535 | 32 | 1 | Steel | 1 |
| 493536 | 32 | 2 | Steel | 1 |
| 493537 | 32 | 1 | Stainless Steel | 1 |
| 493538 | 32 | 2 | Stainless Steel | 1 |
| 493539 | 38 | 1 | Steel | 1 |
| 493540 | 38 | 2 | Steel | 1 |
| 493541 | 38 | 1 | Stainless Steel | 1 |
| 493542 | 38 | 2 | Stainless Steel | 1 |

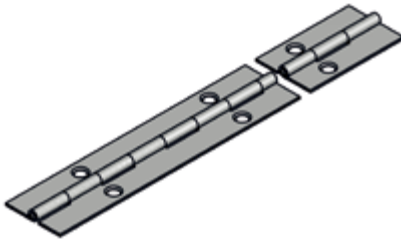
SR 5592

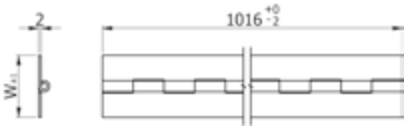
## 2mm Continuous Hinge

**Steel or 304 Stainless Steel**

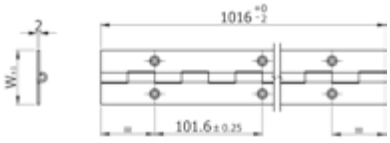
- Heavy duty continuous hinge
- Sold in packs of 2x1016mm lengths
- Available drilled or undrilled
- Can be riveted, screwed or welded in position
- Suits a wide range of commercial and engineering applications
- Drilled type has holes to suit countersunk No.8 screws








Type 1 - Undrilled




Type 2 - Drilled

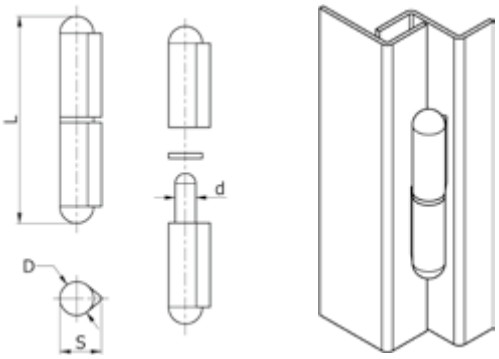
| Part Number | W | Type | Material | Std Pack Qty |
|---|---|---|---|---|
| 493549 | 51 | 1 | Steel | 1 |
| 493550 | 51 | 2 | Steel | 1 |
| 493551 | 51 | 1 | Stainless Steel | 1 |
| 493552 | 51 | 2 | Stainless Steel | 1 |
| 493553 | 64 | 1 | Steel | 1 |
| 493554 | 64 | 2 | Steel | 1 |
| 493555 | 64 | 1 | Stainless Steel | 1 |
| 493556 | 64 | 2 | Stainless Steel | 1 |

SR 5582

# Steel Weld On Hinge

**Steel/Brass**

- Very simple design
- Available with steel or brass pin
- Extremely versatile
- Available with or without grease nipple

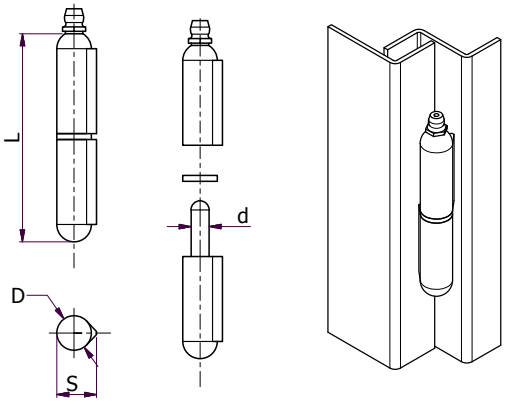



Type 1



Steel Pin Brass Pin

| Part Number | | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Steel Pin Version | Brass Pin Version | | L | D | d | S | |
| 1349723 | 1349739 | 1 | 40.0 | 8.0 | 5.0 | 10.0 | 50 |
| 1349735 | 1349740 | 1 | 50.0 | 8.0 | 5.0 | 10.0 | 50 |
| 1349724 | 1349741 | 1 | 60.0 | 10.0 | 6.0 | 12.5 | 50 |
| 1349736 | 1349742 | 1 | 70.0 | 11.5 | 6.0 | 13.2 | 25 |
| 1349725 | 1349728 | 1 | 80.0 | 13.0 | 8.0 | 16.0 | 25 |
| 1349726 | 1349729 | 1 | 100.0 | 16.0 | 10.0 | 20.0 | 25 |
| 1349737 | 1349743 | 1 | 120.0 | 16.0 | 10.0 | 20.0 | 25 |
| 1349727 | 1349744 | 1 | 150.0 | 20.0 | 13.0 | 25.0 | 25 |
| 1349738 | 1349745 | 1 | 180.0 | 20.0 | 13.0 | 25.0 | 25 |




Type 2



| Part Number | | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Steel Pin Version | Brass Pin Version | | L | D | d | S | |
| 1349750 | 1349757 | 2 | 60.0 | 10.0 | 6.0 | 12.5 | 50 |
| 1349751 | 1349758 | 2 | 70.0 | 11.5 | 6.0 | 13.2 | 25 |
| 1349752 | 1349734 | 2 | 80.0 | 13.0 | 8.0 | 16.0 | 25 |
| 1349753 | 1349759 | 2 | 100.0 | 16.0 | 10.0 | 20.0 | 25 |
| 1349754 | 1349760 | 2 | 120.0 | 16.0 | 10.0 | 20.0 | 25 |
| 1349755 | 1349761 | 2 | 150.0 | 20.0 | 13.0 | 25.0 | 25 |
| 1349756 | 1349762 | 2 | 180.0 | 20.0 | 13.0 | 25.0 | 25 |

SR 5583

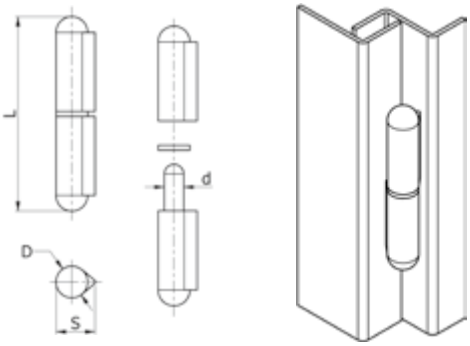
# Aluminium Weld On Hinge

**Aluminium**

- Very simple design
- Stainless Steel washer
- Extremely versatile
- Available with or without grease nipple



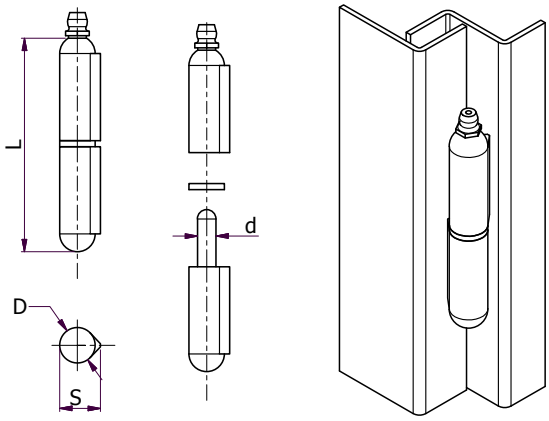
Type 1




| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | L | D | d | S | |
| 1349730 | 1 | 60.0 | 10.0 | 6.0 | 12.5 | 50 |
| 1349731 | 1 | 80.0 | 13.0 | 8.0 | 16.0 | 50 |
| 1349746 | 1 | 100.0 | 16.0 | 10.0 | 20.0 | 20 |
| 1349747 | 1 | 120.0 | 16.0 | 10.0 | 20.0 | 20 |



Type 2



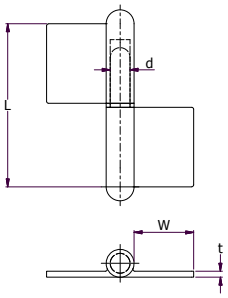

| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | L | D | d | S | |
| 1349763 | 2 | 60.0 | 10.0 | 6.0 | 12.5 | 50 |
| 1349764 | 2 | 80.0 | 13.0 | 8.0 | 16.0 | 50 |
| 1349765 | 2 | 100.0 | 16.0 | 10.0 | 20.0 | 25 |
| 1349766 | 2 | 120.0 | 16.0 | 10.0 | 20.0 | 25 |

SR 5477

## Rolled Flag Hinges

**Stainless Steel, Steel**

- Fixed pin hinge
- 2 part rolled steel body with round end caps and brass washers
- Hinges are handed



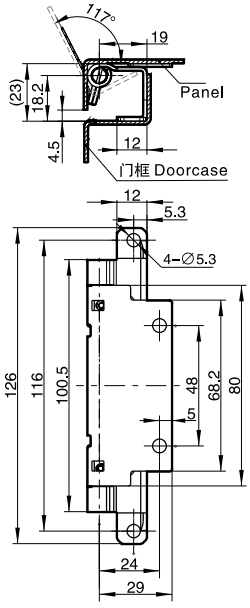



| Part Number | | Dimensions (mm) | | | | Body Material | Pin Material | End Cap Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Right Handed | Left Handed | L | H | W | D | | | | |
| 497628 | 497909 | 60 | 30 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 20 |
| 497629 | 497910 | 80 | 30 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 20 |
| 497630 | 497911 | 100 | 50 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 10 |
| 497631 | 497912 | 120 | 50 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 10 |
| 497632 | 497913 | 60 | 30 | 3 | 10 | Steel | Steel | Steel | 20 |
| 497633 | 497914 | 80 | 30 | 3 | 10 | Steel | Steel | Steel | 20 |
| 497634 | 497915 | 100 | 50 | 3 | 10 | Steel | Steel | Steel | 10 |
| 499573 | 497916 | 120 | 50 | 3 | 10 | Steel | Steel | Steel | 10 |

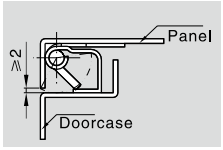
## Removable Concealed Hinge

**Split mirror stainless steel hinge**

- Remarks: Rotate about 120°





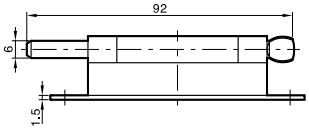




| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20043391 | 110 | 200 |

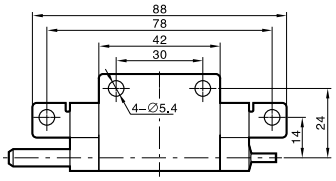
## Concealed Hinge

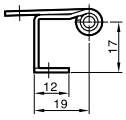
**Stainless steel**

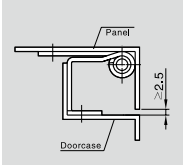
- Surface treatment: brushed





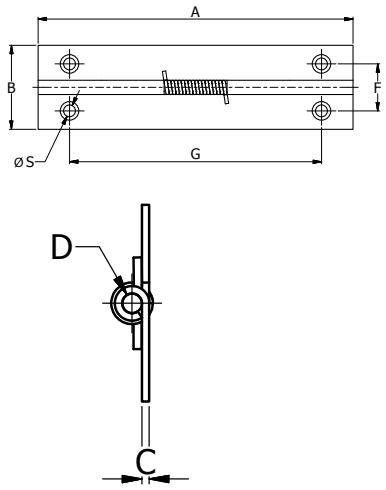




| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20043384 | 78 | 200 |

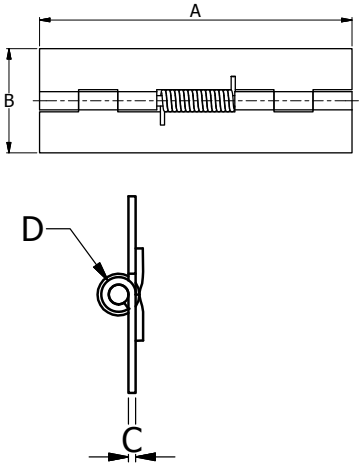
SR 5472

## Springs Hinges

**Comes with drilling holes**








Spring hinge 50 x 50
Door opening torque N.m: M(0°):1,5 N.m/M(90°): 1,1 N.m/M(180°): 0,65 N.m

Closing torque N.m:
M(0°):0,25 N.m/M(90°): 0,65 N.m/M(180°):1,1 N.m

| Part Number | Material/Finish | Spring Action Type | Hole size | Spring Material | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | A | B | C | D | F | G | S | |
| 20570668 | Steel/Galvanized | Door Opening | Drilled holes - 4 | Stainless Steel | 50 | 50 | 2 | 4 | 9 | 30 | 5 | 25 |
| 497593 | 304 Stainless steel/raw steel | Door Opening | Drilled holes - 4 | Stainless Steel | 50 | 50 | 2 | 4 | 10 | 30 | 5 | 25 |
| 20570675 | Steel/Galvanized | Door Closing | Drilled holes - 4 | Stainless Steel | 50 | 50 | 2 | 4 | 9 | 30 | 5 | 25 |
| 20570682 | 304 Stainless steel/raw steel | Door Closing | Drilled holes - 4 | Stainless Steel | 50 | 50 | 2 | 4 | 10 | 30 | 5 | 25 |

Spring hinge 60 x 35
Door opening torque N.m:
M(0°):0,09 N.m/M(90°): 0,07 N.m/M(180°): 0,045 N.m

Closing torque N.m:
M(0°):0,045 N.m/M(90°): 0,07 N.m/M(180°): 0,09 N.m

| Part Number | Material/Finish | Spring Action Type | Hole size | Spring Material | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | A | B | C | D | F | G | S | |
| 497587 | Steel/Galvanized | Door Opening | 1/2 Drilled Holes- 2* | Stainless Steel | 60 | 35 | 1 | 3 | 7.5 | 35 | 5 | 25 |
| 20570644 | Steel/Galvanized | Door Closing | 1/2 Drilled Holes- 2* | Stainless Steel | 60 | 35 | 1 | 3 | 7.5 | 35 | 5 | 25 |

*Holes on one side only

Spring hinge 75 x 20
Door opening torque N.m:
M(0°):0,12 N.m/M(90°): 0,09 N.m/M(180°): 0,06 N.m

| Part Number | Material/Finish | Spring Action Type | Hole size | Spring Material | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | A | B | C | D | F | G | S | |
| 497589 | Steel/Galvanized | Door Opening | Drilled holes - 4 | Stainless Steel | 75 | 20 | 0.8 | 1.8 | 11.2 | 60 | 2.8 | 25 |
| 20570651 | 304 Stainless steel/raw steel | Door Opening | Drilled holes - 4 | Stainless Steel | 75 | 20 | 0.8 | 1.8 | 11.2 | 60 | 2.8 | 25 |

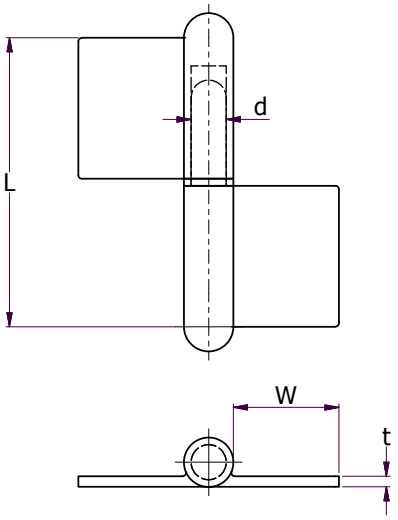
SR 5477

# Rolled Flag Hinges

**Stainless Steel, Steel**

- Fixed pin hinge
- 2 part rolled steel body with round end caps and brass washers
- Hinges are handed






| Part Number | | Dimensions (mm) | | | | Body Material | Pin Material | End Cap Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Right Handed | Left Handed | L | H | W | D | | | | |
| 497628 | 497909 | 60 | 30 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 20 |
| 497629 | 497910 | 80 | 30 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 20 |
| 497630 | 497911 | 100 | 50 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 10 |
| 497631 | 497912 | 120 | 50 | 3 | 10 | Stainless Steel | Stainless Steel | Stainless Steel | 10 |
| 497632 | 497913 | 60 | 30 | 3 | 10 | Steel | Steel | Steel | 20 |
| 497633 | 497914 | 80 | 30 | 3 | 10 | Steel | Steel | Steel | 20 |
| 497634 | 497915 | 100 | 50 | 3 | 10 | Steel | Steel | Steel | 10 |
| 499573 | 497916 | 120 | 50 | 3 | 10 | Steel | Steel | Steel | 10 |

SR 5545

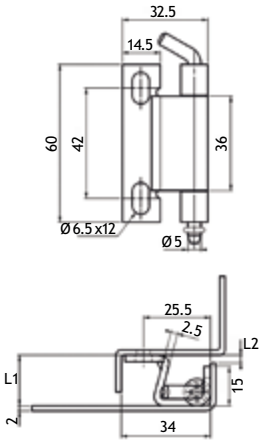
# Concealed Hinge

**Zinc Plated Steel or Stainless Steel AISI 304**

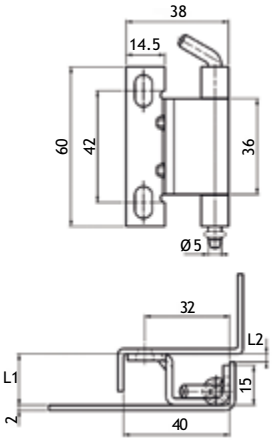
- Left-hand and right-hand application is possible
- Ideal for metal enclosures and machinery covers
- Type 1-6: Hinge rotational angle of 120°
- Type 5: Frame part - screw on, door part - weld on
- Type 7: Hinge rotational angle of 135°
- Type 8 & 9: Suitable for internally mounted doors



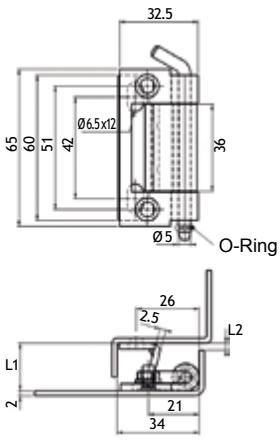




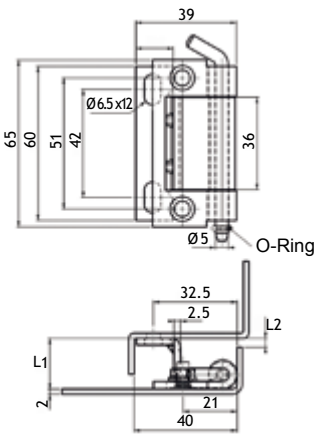

Type 1




Type 2




Type 3




Type 4

Type 1 & 2 - (frame Part screw on & door part welded on)

| Part Number | | Type | $L_1$ | Std Pack Qty |
|---|---|---|---|---|
| Zinc Plated Steel | Stainless Steel | | | |
| 295631E | 295401E | 1 | 20 | 100 |
| 295632E | 295402E | 1 | 24 | 100 |
| 295633E | 295403E | 2 | 20 | 100 |
| 295634E | 295404E | 2 | 24 | 100 |

Type 3 & 4

| Part Number | | Type | $L_1$ | Std Pack Qty |
|---|---|---|---|---|
| Zinc Plated Steel | Stainless Steel | | | |
| 395631E | 395401E | 3 | 20 | 100 |
| 395632E | 395402E | 3 | 24 | 100 |
| 395633E | 395403E | 4 | 20 | 100 |
| 395634E | 395404E | 4 | 24 | 100 |

SR 5545

# Concealed Hinge *CONTINUED*

**Zinc Plated Steel or Stainless Steel AISI 304**

- Left-hand and right-hand application is possible
- Ideal for metal enclosures and machinery covers
- Type 1-6: Hinge rotational angle of 120°
- Type 5: Frame part - screw on, door part - weld on
- Type 7: Hinge rotational angle of 135°
- Type 8 & 9: Suitable for internally mounted doors



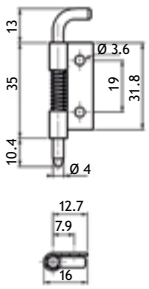




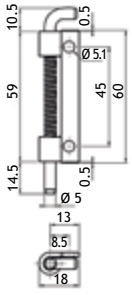




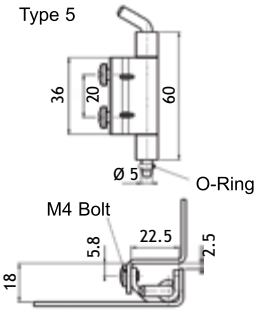
Type 8



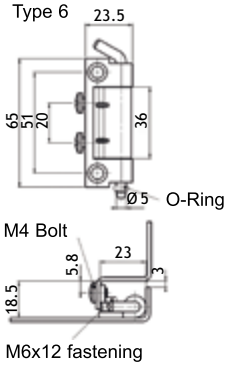

Type 9




Type 5



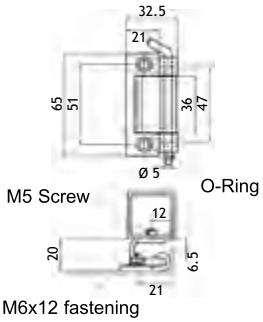

Type 6




Type 5 & 6

| Part Number | | Type | Std Pack Qty |
|---|---|---|---|
| Zinc Plated Steel | Stainless Steel | | |
| 695631E | 695401E | 5 | 100 |
| 695632E | 695402E | 6 | 100 |

Type 7




Type 7

| Part Number | | Type | Std Pack Qty |
|---|---|---|---|
| Zinc Plated Steel | Stainless Steel | | |
| 79563E | 79540E | 7 | 100 |

Type 8 & 9 (spring loaded for easy door removal)

| Part Number | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|
| Zinc Plated Steel | | Stainless Steel | | | |
| Left Hand | Right Hand | Left Hand | Right Hand | | |
| 289631002E | 289631001E | 289401002E | 289401001E | 8 | 50 |
| 289632002E | 289632001E | 289402002E | 289402001E | 9 | 50 |

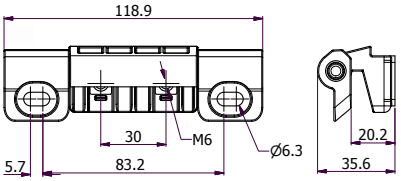
SR 5482

## Concealed Hinge

**ABS**

- Suitable for lightweight panels and applications
- Left and right hand application is possible
- Suitable for M6 screws
- 90° hinge rotation angle






| Part Number | Std Pack Qty |
|---|---|
| 394E | 25 |

SR 5508

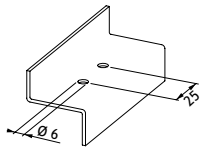
## Corner Hinge

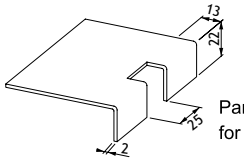
**Die-Cast Zinc Alloy**

- Pin type 1 from plastic (POM)
- Pin type 2 from stainless steel
- Hinge rotational angle of 180°

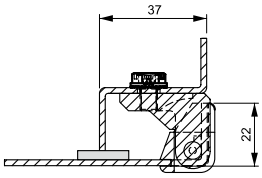


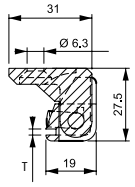
Type 1

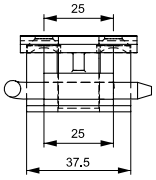



Panel door fixing
for Type 1 & 2

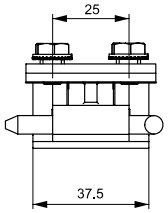


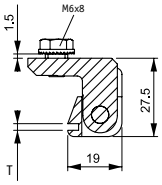



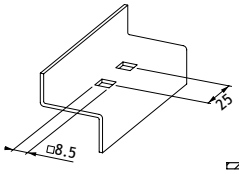



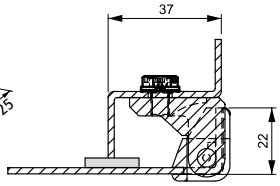


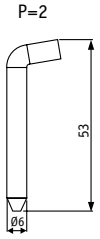

Type 2




Pin Type (P)

| Part Number | Type | Pin Type (P) | Panel Thickness (mm) | T(mm) | Std Pack Qty |
|---|---|---|---|---|---|
| 098122E | 1 | 2 | 2 | 2.2 | 50 |
| 298122E | 2 | 2 | 2 | 2.2 | 50 |

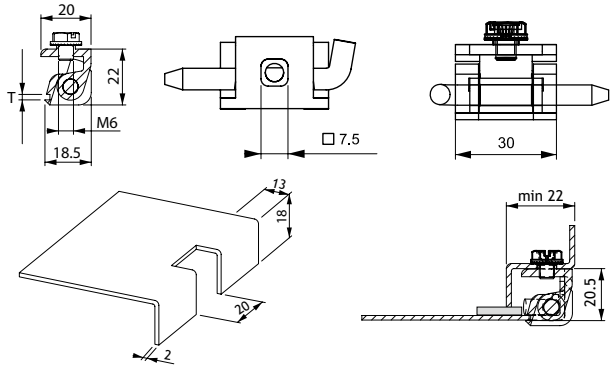
All dimensions in mm

**SR 5508**

# Corner Hinge *CONTINUED*

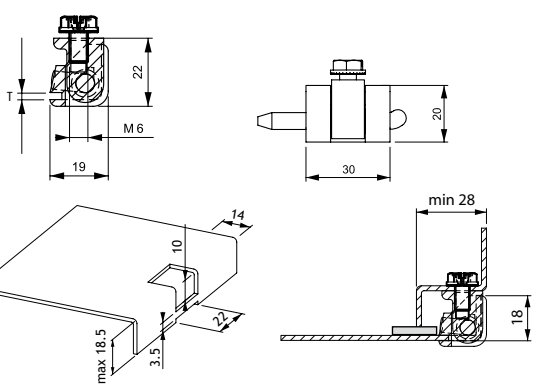
**Die-Cast Zinc Alloy**

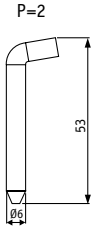
- Pin type 1 from plastic (POM)
- Pin type 2 from stainless steel
- Hinge rotational angle of 180°



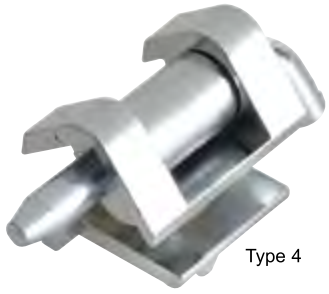



Type 3



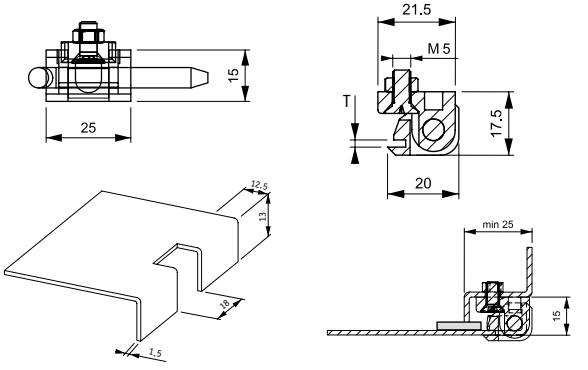



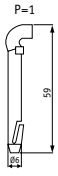

Pin Type (P)



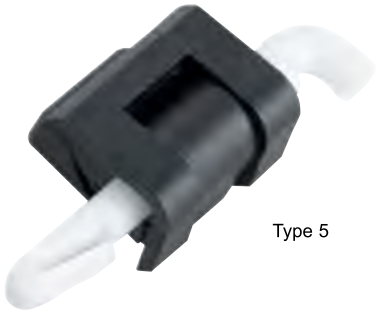
Type 4

| Part Number | | Type | Pin Type (P) | Panel Thickness (mm) | T | Std Pack Qty |
|---|---|---|---|---|---|---|
| Chrome | Black Coated | | | | | |
| 09711215E | 09712215E | 3 | 2 | 1.0-1.2 | 1.5 | 50 |
| 09711222E | 09712222E | 3 | 2 | 1.5-2.0 | 2.2 | 50 |
| 29711215E | 29712215E | 4 | 2 | 1.0-1.2 | 1.5 | 50 |
| 29711222E | 29712222E | 4 | 2 | 1.5-2.0 | 2.2 | 50 |




Pin Type (P)



Type 5

| Part Number | Type | Pin Type (P) | Panel Thickness (mm) | T | Std Pack Qty |
|---|---|---|---|---|---|
| 197201E | 5 | 1 | 1.5 | 2 | 100 |

All dimensions in mm

SR 5544

# Side Hinges

**Type 1 & 2: Chrome Plated Brass DIN 17672**
**Type 3: Die-Cast Zinc Alloy & Stainless Steel Pin**

- Hinge rotational angle of 180°
- Type 1 & 2: High resistance hinge for medium and heavy door panels
- Type 1 & 2: Assembled using special screws (supplied)
- Type 1 & 2 : High security
- Type 3: Lower security alternative



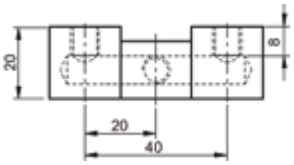
Type 1

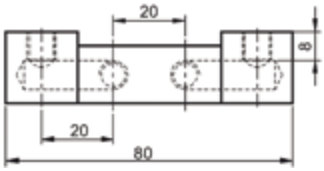


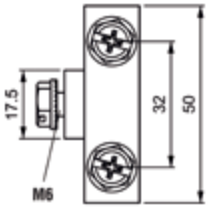
Type 2

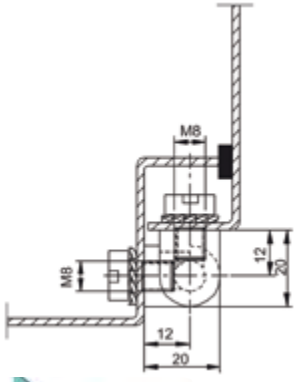


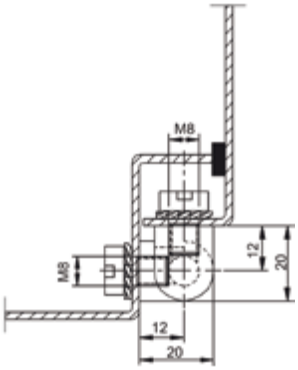
Type 3

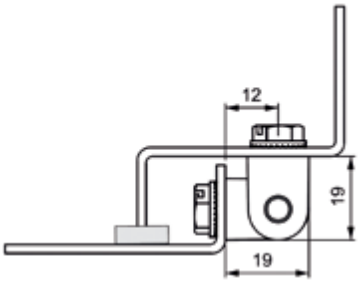





Type 1



Type 2



Type 3

| Part Number | Type | Style | Std Pack Qty |
|---|---|---|---|
| 29331E | 1 | Brass Profile Hinge | 50 |
| 39331E | 2 | Brass Profile Hinge | 50 |
| 693121E | 3 | Offset Hinge | 50 |

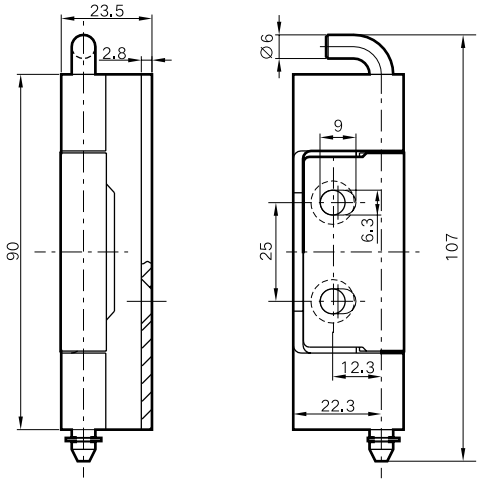
## Concealed Hinge

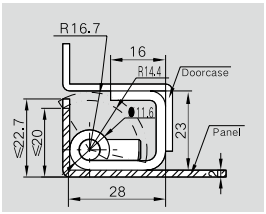
**Stainless Steel Hinge, A3 Steel Hinge**

- Surface treatment: brushed
- Remarks: Rotate about 120°



20036072 20043414




| Part Number | Product Unit Weight (g) | Material | Std Pack Qty |
|---|---|---|---|
| 20036072 | 154 | Carbon Steel | 200 |
| 20043414 | 154 | Stainless Steel | 200 |

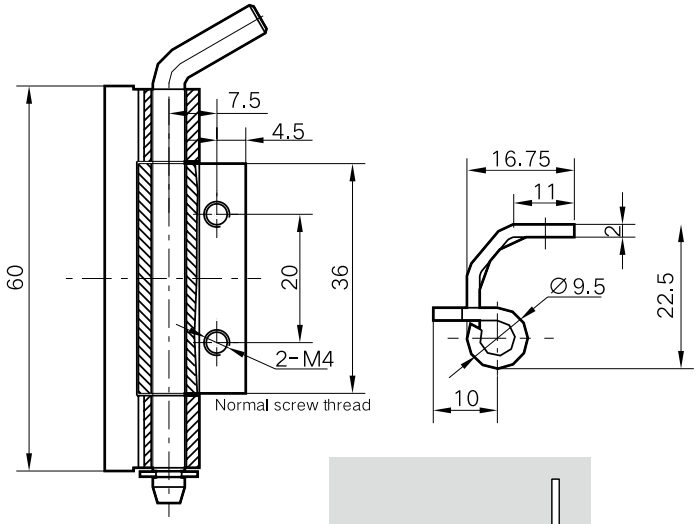
## Concealed Hinge

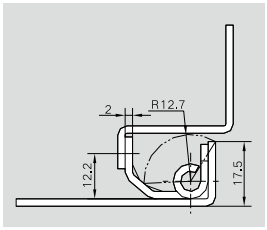
**Stainless Steel Hinge, Galvanized steel**

- Remarks: Rotate about 120°



20036089 20043421



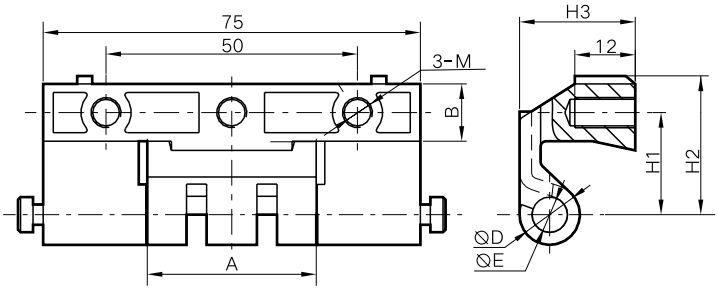

| Part Number | Product Unit Weight (g) | Material | Std Pack Qty |
|---|---|---|---|
| 20036089 | 154 | Carbon Steel | 200 |
| 20043421 | 154 | Stainless Steel | 200 |

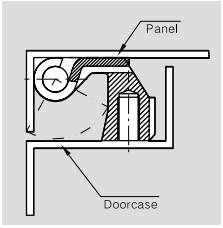
## Concealed Hinge

**Zinc alloy static hinge, galvanized steel dynamic hinge, nickel-plated steel pin**

- Remarks: Rotate about 90°





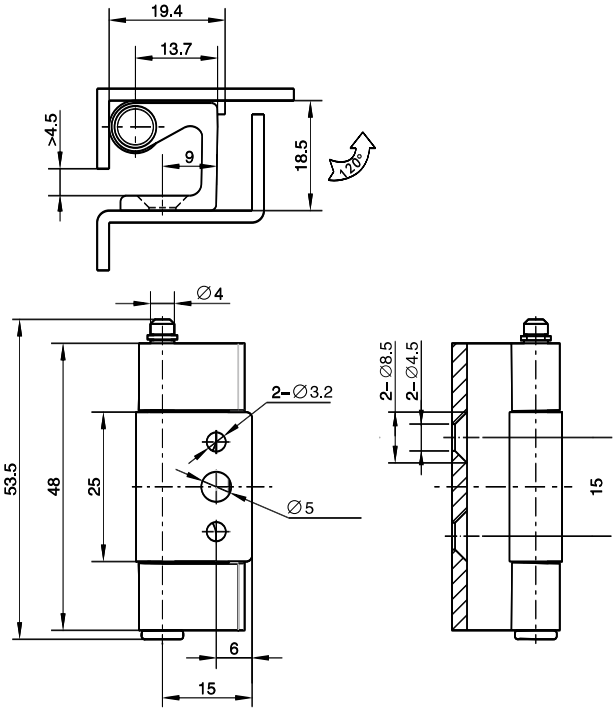

| Dimensions (mm) | | | | | | | | Product Model and Characteristics | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | H1 | H2 | H3 | M | ØD | ØE | Part Number | Surface Treatment | Product unit weight (g) | Std Pack Qty |
| 33.6 | 11 | 20.5 | 28 | 23.5 | 6 | 12 | 7 | 1437233 | Grey | 77 | 300 |

## Concealed Hinge

**Stainless Steel Hinge**

- Surface treatment: spray (7032) color
- Remarks: Rotate about 120°






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 1724359 | 60 | 400 |

## Corner Hinge

**Zinc alloy dynamic and static hinges, stainless steel and nickel-plated steel pins**

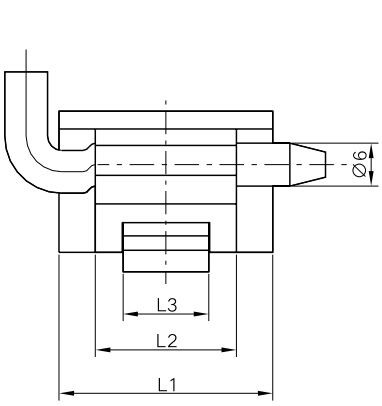
- Surface treatment: spray matte black
- Remarks: Rotate about 180°

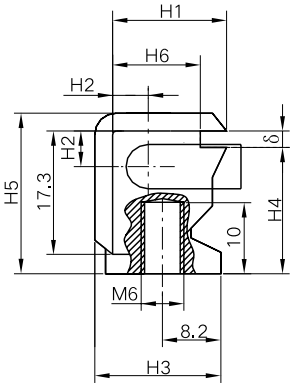


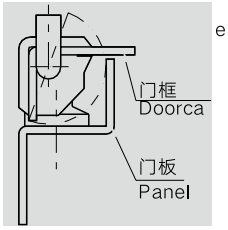
20034962



20043117




| Dimensions (mm) | | | | | | | | | | Product Model and Characteristics | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H1 | H2 | H3 | H4 | H5 | H6 | L1 | L2 | L3 | Ø | Part Number | Material/ Finish | Surface Treatment | Product unit weight (g) | Std Pack Qty |
| 16 | 5.2 | 17 | 16.5 | 21 | 12 | 30 | 19.5 | 12 | 2.3 | 20034962 | Zinc alloy | Black paint | 44 | 400 |
| 16 | 5.2 | 17 | 16.5 | 21 | 12 | 30 | 19.5 | 12 | 2.3 | 20043117 | Stainless Steel | Black paint | 50 | 400 |

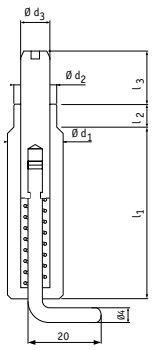
SR 5510

## Quick Release Panel Door Hinge

**Steel**

- For internally mounted doors
- To be welded
- Can be used as a pair or with hinge pin
- Hinge rotational angle of 110°










Spring Loaded Corner Hinge

| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | $d_3$ | $l_1$ | $l_2$ | $l_3$ | |
| 18910E | 10.0 | 8.5 | 6.0 | 38.0 | 3.5 | 10.0 | 100 |
| 18912E | 12.0 | 9.0 | 6.0 | 38.0 | 3.5 | 10.0 | 100 |
| 18915E | 15.0 | 12.0 | 9.0 | 47.0 | 6.0 | 14.5 | 100 |

Hinge Pin

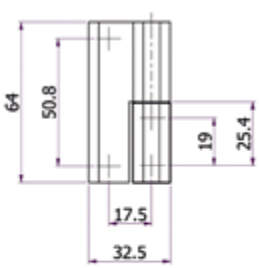
| Part Number | Std Pack Qty |
|---|---|
| 32003192E | 100 |

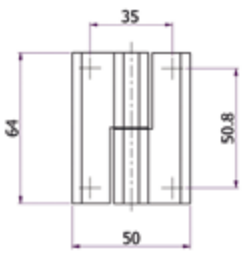
SR 5549

## Standard Lift-Off Hinge

**Die Cast Zinc Alloy**

- Easy lift off
- For flush mounted doors
- Stainless steel pin
- Hinge rotation angle of 180°
- Supplied with M5 Fixings

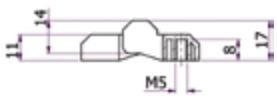






Type 1




Type 2



Type 1



Type 2

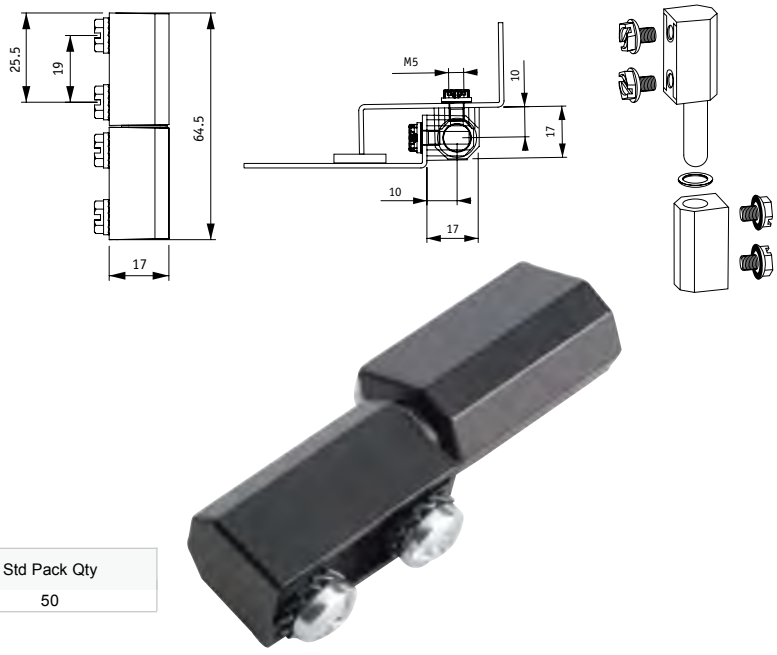
| Part Number | Type | Style | Std Pack Qty |
|---|---|---|---|
| 699121001E | 1 | Right Hand | 50 |
| 699121002E | 1 | Left Hand | 50 |
| 699122001E | 2 | Right Hand | 50 |
| 699122002E | 2 | Left Hand | 50 |

SR 5511

## Standard Pin-On Hinge

**Die-Cast Zinc Alloy**

- Black powder coated or chrome plated
- For left or right hand doors
- Ideal for lightweight electrical panel doors
- Supplied with screws
- Hinge rotation angle 180°




| Part Number | | Std Pack Qty |
|---|---|---|
| Black Coated | Chrome | |
| 493121E | 493111E | 50 |

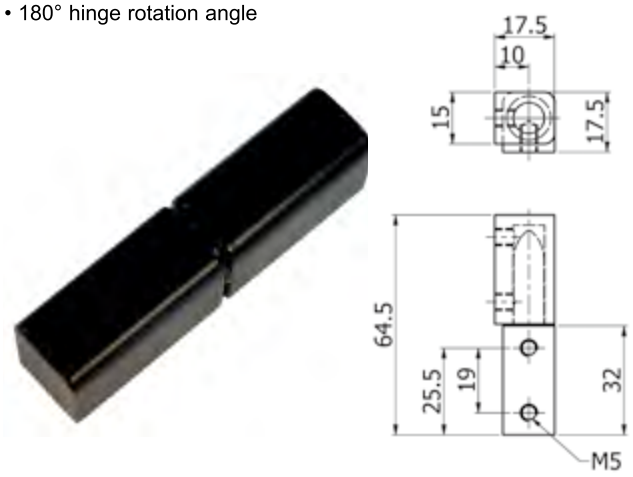
All dimensions in mm

SR 5594

## In-Line Premium Lift-Off Hinge

**Black Powder Coated Zinc**

- Allows simple and quick door removal
- Supplied with nylon washer
- Fixed using M5 screws (not supplied)
- Can be used as left or right hand
- 180° hinge rotation angle



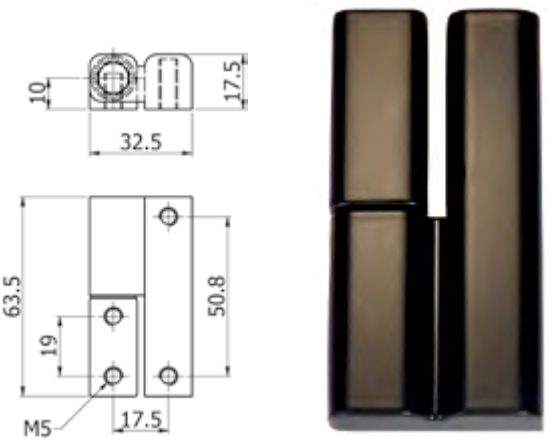

| Part Number | Std Pack Qty |
|---|---|
| 20035501 | 20 |

SR 5593

## Premium Lift-Off Hinge

**Black Powder Coated Zinc**

- Allows simple and quick door removal
- Supplied with nylon washer
- Fixed using M5 screws (not supplied)
- 180° Hinge rotation angle




| Part Number | Type | Std Pack Qty |
|---|---|---|
| 20034436 | Left Hand | 20 |
| 20034429 | Right Hand | 20 |

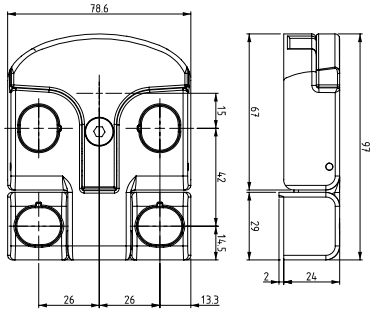
1043-1 PA6 GFR 30

## Multifunctional Locking Hinge

**Handle: PA DIN-EN ISO 1043-1 PA6 GFR 30**
**Lock cylinder: zinc alloy DIN-EN 1774-ZnAl4Cu1**
**Jaws: Zinc alloy DIN-EN 1774-ZnAl4Cu1**
**Holder: Zinc alloy DIN-EN 1774-ZnAl4Cu1**

- The lock can also be used as a hinge
- Removal of these two products allows complete removal of the door





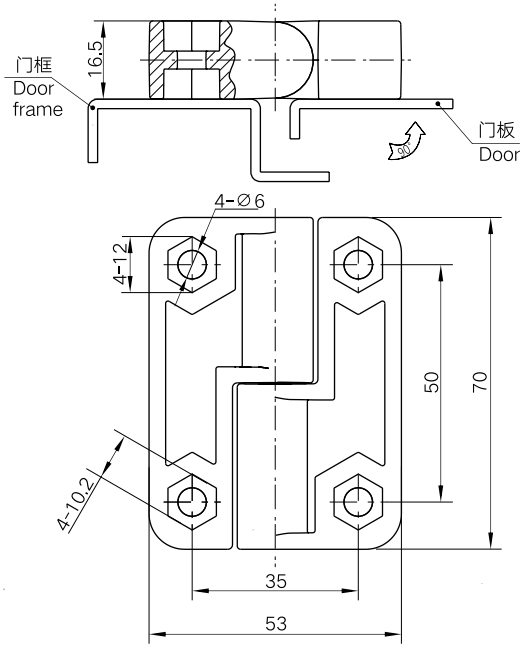

| Part Number | Std Pack Qty |
|---|---|
| 71220E | 25 |

## Left Lift Hinge

**Zinc alloy hinge, carbon steel pin**

- Surface treatment: sandblasting pattern black
- Remarks: Rotate about 90°





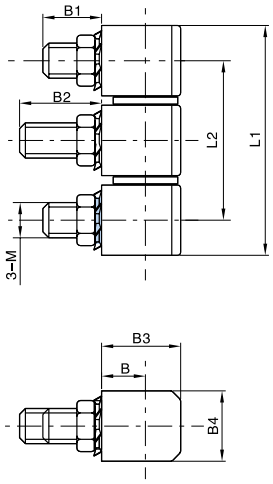

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 1437245 | 271 | 100 |

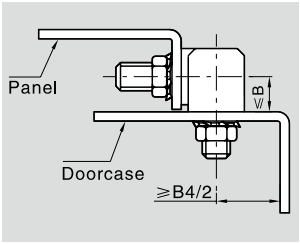
## Side Mounting Hinge

**Stainless Steel Hinge**

- Surface treatment: brushed
- Remarks: The rotation is about 180°





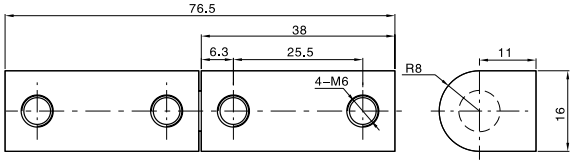

| Part Number | Dimensions (mm) | | | | | | | | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | L1 | L2 | B | B1 | B2 | B3 | B4 | M | | |
| 20043148 | 49 | 33 | 10 | 14 | 22 | 18 | 16 | 8 | 25 | 25 |

## Side Mounting Hinge

**Stainless Steel Hinge**

- Surface treatment: brushed
- Remarks: The rotation is about 180°





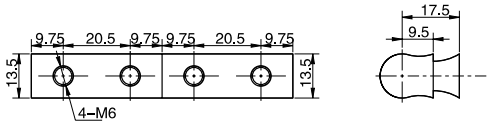

| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 20043285 | 150 | 500 |

## Side Hinge

**Stainless Steel Hinge**

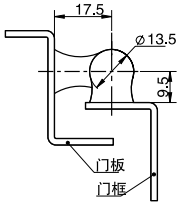
- Surface treatment: mirror polishing
- Remarks: The rotation is about 270°

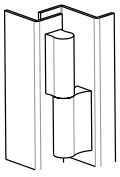










| Part Number |
|---|
| 20043322 |

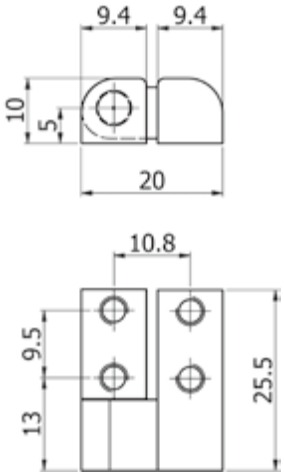
SR 5595

## Small Premium Lift-Off Hinge

**Black Powder Coated Zinc**

- Allows easy, quick door removal
- Concealed fixings
- Fixed using M4 screws (not included)
- 180° Hinge rotation angle






| Part Number | Left Hand / Right Hand | Std Pack Qty |
|---|---|---|
| 20034375 | Left Hand | 40 |
| 20034368 | Right Hand | 40 |

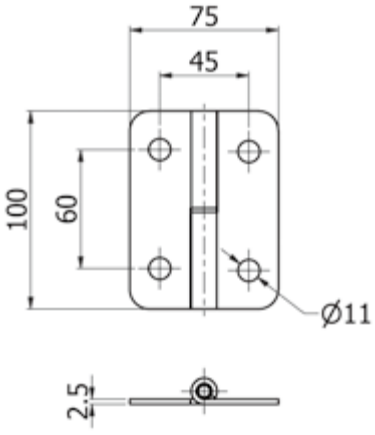
SR 5564

## Heavy Duty Lift-Off Hinge

**Steel or 304 Stainless Steel**

- Stainless Steel pin on all types
- 180° rotation
- Easy lift-off function






| Part Number | Left Hand / Right Hand | Material | Std Pack Qty |
|---|---|---|---|
| 89963001E | Right | Zinc Plated Steel | 20 |
| 89963002E | Left | Zinc Plated Steel | 20 |
| 89962001E | Right | Black Powder Coated Steel | 20 |
| 89962002E | Left | Black Powder Coated Steel | 20 |
| 89940001E | Right | Stainless Steel | 20 |
| 89940002E | Left | Stainless Steel | 20 |

SR 5504

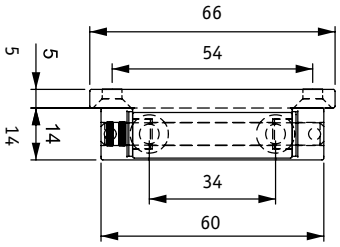
# Offset Hinges

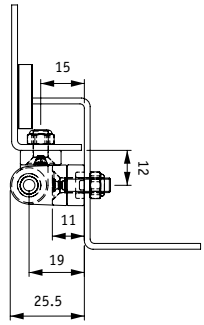
**Die-Cast Zinc Alloy**

- Black Powder Coated
- Adapter available for different dimensions
- Hinge rotational angle of 180°

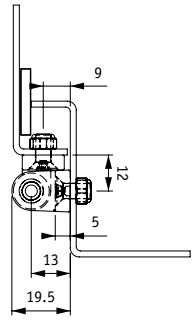


Type 1



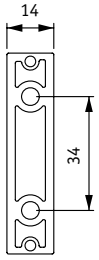

With Adaptor

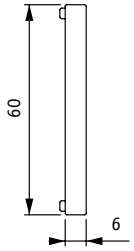



Without Adaptor



Adaptor for Type 1



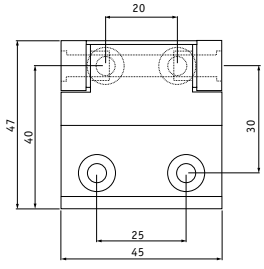

Adaptor

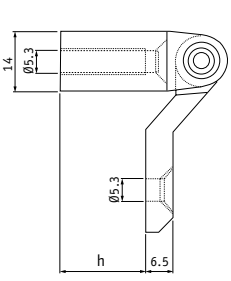
Type 1 - Stainless steel hinge pin

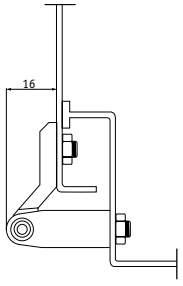
| Part Number | Style | Std Pack Qty |
|---|---|---|
| 5931225E | With Adaptor | 50 |
| 5931219E | Without Adaptor | 50 |



Type 2




Type 2 - Hardened steel hinge pin

| Part Number | h (mm) | Std Pack Qty |
|---|---|---|
| 1001200E | 0.0 | 50 |
| 1001205E | 5.0 | 50 |
| 1001207E | 7.0 | 50 |
| 1001210E | 10.0 | 50 |
| 1001225E | 25.0 | 50 |

All dimensions in mm

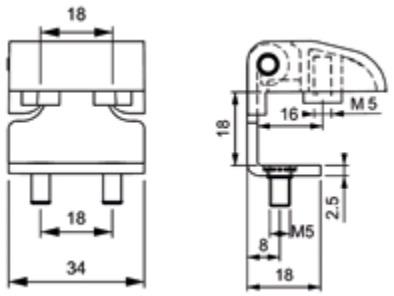
SR 5509

# Raised Corner Hinges

**Body: Black Finish Die-Cast Zinc Alloy and Steel or PA 6 and Steel**
**Pin: Steel**

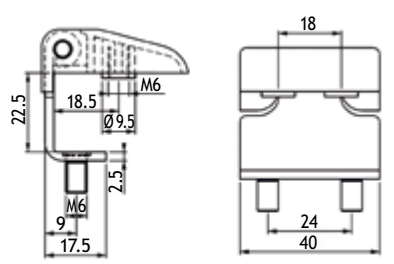
- Hinge rotation angle of 180°
- Suitable for machine covers and electric panels





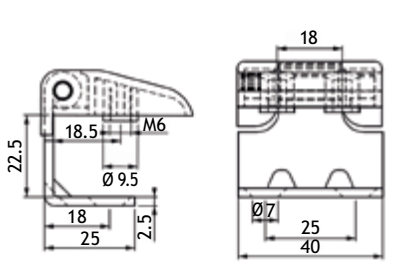



Type 1






Type 2






Type 3

| Part Number | Type | Finish | Style | Std Pack Qty |
|---|---|---|---|---|
| 40012181E | 1 | Zinc Alloy and Steel | M5 Stud | 25 |
| 40020181E | 1 | Plastic and Steel | M5 Stud | 25 |
| 20012171E | 2 | Zinc Alloy and Steel | M5 Stud | 25 |
| 20012170E | 2 | Zinc Alloy and Steel | Holes | 25 |
| 20012250E | 3 | Zinc Alloy and Steel | Holes | 25 |

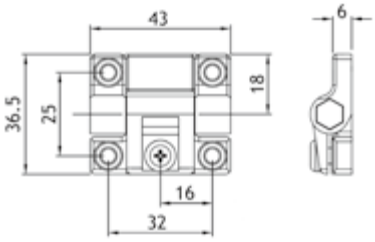
SR 5311

## Adjustable Torque Hinge

**Black or White Acetal Polymer**

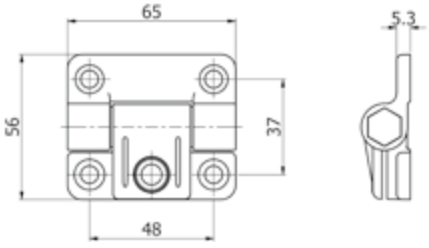
- Simple torque adjustment using the screw
- Used to hold doors or panels in position
- Adjusting screw is stainless steel
- Medium hinge is suitable for M4 fixings (not supplied)
- Large hinge is suitable for M6 fixings (not supplied)






Medium






Large

| Part Number | Colour | Type | Std Pack Qty |
|---|---|---|---|
| 491311 | Black | Medium | 10 |
| 491312 | White | Medium | 10 |
| 493704 | Black | Large | 10 |

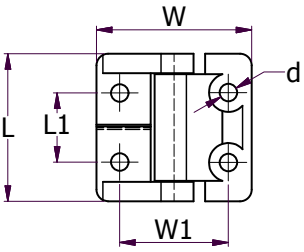
SR 5480

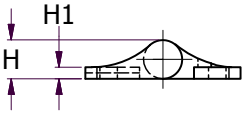
## Torque Hinges

**Die-Cast Zinc Alloy**

- Black coated
- Position control - constant torque
- Holds in every position
- No adjustment required
- Long cycle life






| Part Number | Dimensions (mm) | | | | | | | Torque Number | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | W | w1 | L | l1 | H | h1 | d | | |
| 219912E | 57 | 34 | 51 | 34.0 | 13 | 4.5 | 5.2 | 3.4Nm | 50 |
| 209912E | 40 | 28 | 38.0 | 18 | 10.0 | 3.0 | 4.5 | 2.3Nm | 50 |

SR 5330

# Stand-Off Hinges

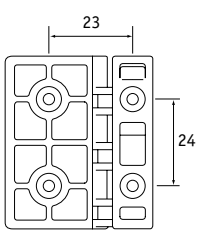
**Glass Filled Nylon**

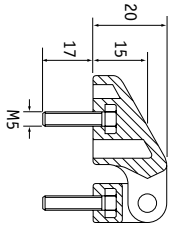


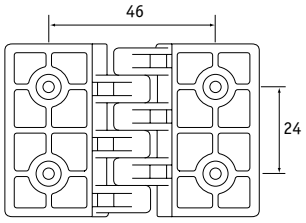
Type 1

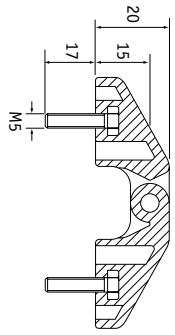


Type 2



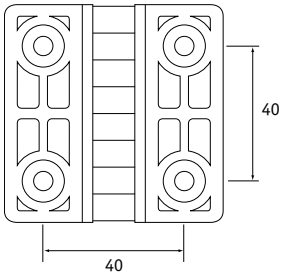



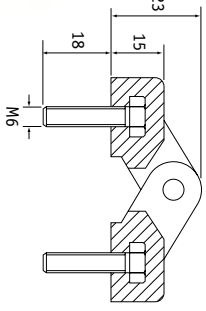


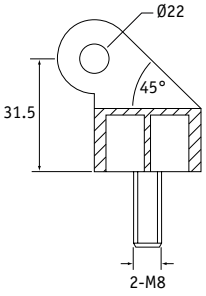

Type 3

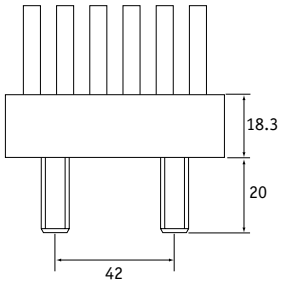


Type 4




Hinges with Metal Threads

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 466238 | 1 | 2 |
| 466239 | 2 | 2 |
| 466240 | 3 | 2 |
| 466241 | 4 | 2 |

All dimensions in mm

CONTINUED ON NEXT PAGE

SR 5330

# Stand-Off Hinges

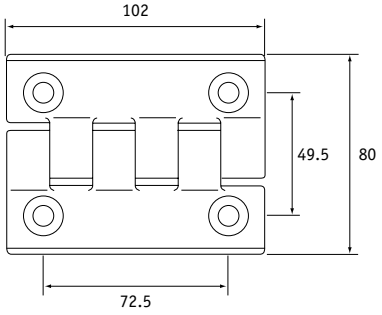
**Glass Filled Nylon**

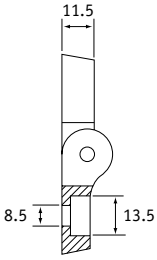


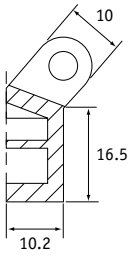
Type 5



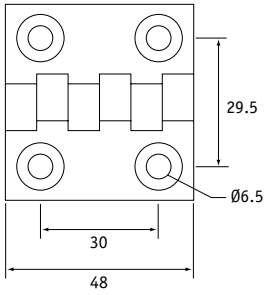
Type 6

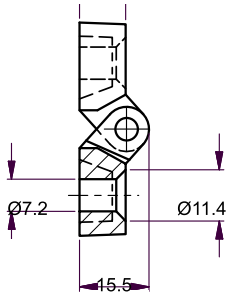



466235



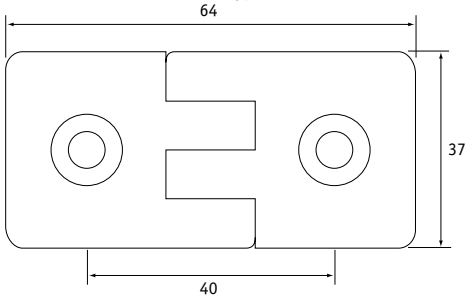

498429

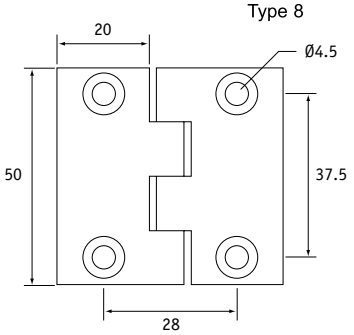


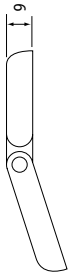
Type 7



Type 8




Hinges with Plain Bore Holes

All dimensions in mm

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 466234 | 5 | 2 |
| 466235 | 6 | 2 |
| 498429 | 6 | 2 |
| 466236 | 7 | 2 |
| 466237 | 8 | 2 |

SR 5502

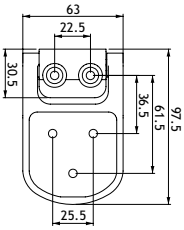
## HVAC Hinge

**Type 1: Polyamide 30% Glass Fibre Reinforced**
**Type 2: Black Coated Die-Cast Zinc Alloy**

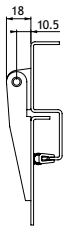
- Type 1 & 2: Stainless steel pin
- Specially designed for air conditioning central units
- Also used for plain / flush mounted heavy doors
- Hinge rotation angle 180°

Type 1





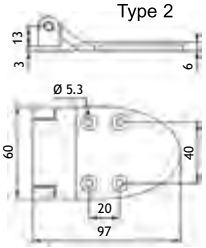

Type 1




Type 2



Type 2




All dimensions in mm

Type 1: Polymamide 30% Glass Fibre Reinforced

| Part Number | Std Pack Qty |
|---|---|
| 300E | 25 |

Type 2: Die-Cast Zinc Alloy

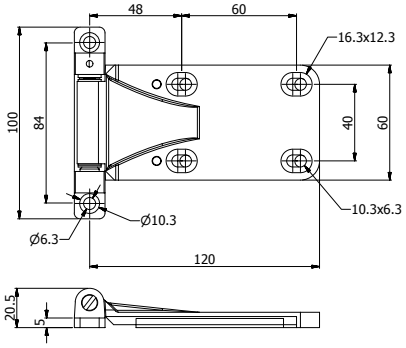
| Part Number | Std Pack Qty |
|---|---|
| 500E | 25 |

SR 5565

## 3D Adjustable HVAC Hinge

**Black Coated Die-Cast Zinc Alloy**

- Allows three dimensional adjustments
- Height ± 2mm, Width ± 2mm, Depth ± 2mm
- Ideal for large flush fitting doors
- Suitable for Air conditioning, electrical panels and machinery covers
- Stainless steel pin



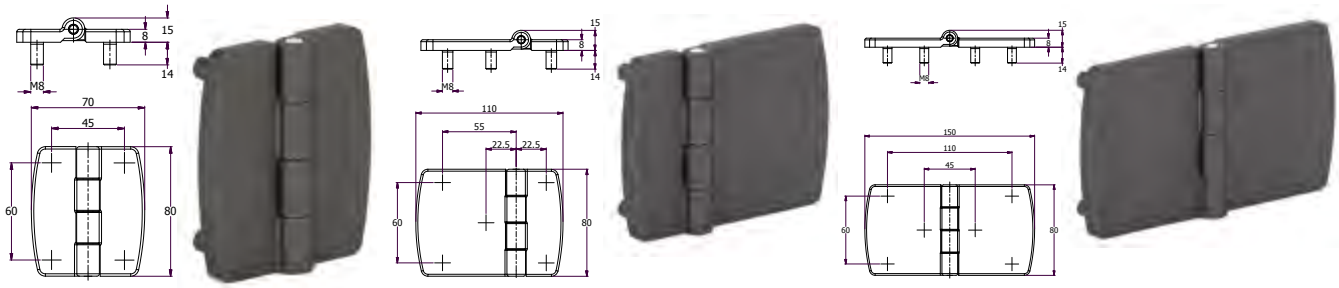



| Part Number | Type | Std Pack Qty |
|---|---|---|
| 80012001E | Right Hand | 20 |
| 80012002E | Left Hand | 20 |

SR 5744

## Heavy Duty Hinges

**Body: Die-cast Zinc Alloy**
**Pin: Stainless Steel**



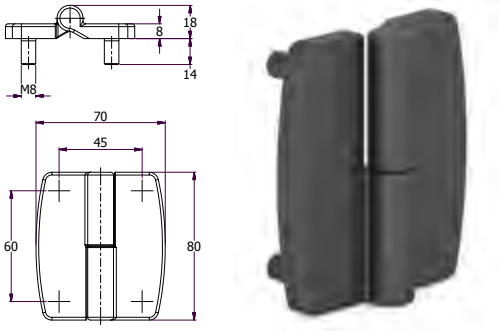

Type 1 Type 2 Type 3

| Part Number | | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | H | L | |
| 1399111E | 1399121E | 1 | 80 | 70 | 25 |
| 1399112E | 1399122E | 2 | 80 | 110 | 25 |
| 1399113E | 1399123E | 3 | 80 | 150 | 20 |

SR 5745

## Heavy Duty Designed Hinges

**Body: Die-cast Zinc Alloy**
**Pin: Stainless Steel**

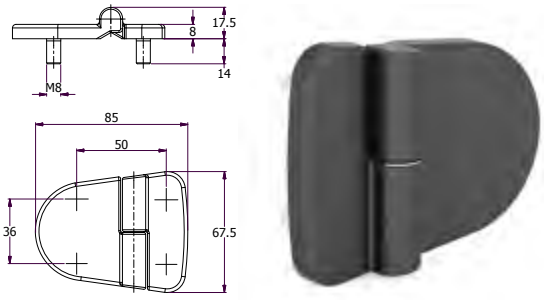



| Part Number | | Hand | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | H | L | |
| 1699111001E | 1699121001E | Right | 80 | 70 | 20 |
| 1699111002E | 1699121001E | Left | 80 | 70 | 20 |

SR 5746

## Heavy Duty Designed Hinges

**Body: Die-cast Zinc Alloy**
**Pin: Stainless Steel**




| Part Number | | Hand | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | H | L | |
| 149911001E | 149912001E | Right | 67.5 | 85 | 20 |
| 149911002E | 149912002E | Left | 67.5 | 85 | 20 |

SR 5502

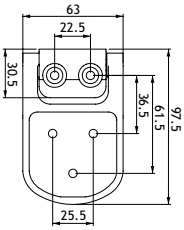
## HVAC Hinge

**Type 1: Polyamide 30% Glass Fibre Reinforced**
**Type 2: Black Coated Die-Cast Zinc Alloy**

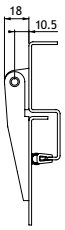
- Type 1 & 2: Stainless steel pin
- Specially designed for air conditioning central units
- Also used for plain / flush mounted heavy doors
- Hinge rotation angle 180°

Type 1





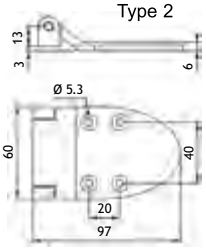

Type 1




Type 2



Type 2




All dimensions in mm

Type 1: Polymamide 30% Glass Fibre Reinforced

| Part Number | Std Pack Qty |
|---|---|
| 300E | 25 |

Type 2: Die-Cast Zinc Alloy

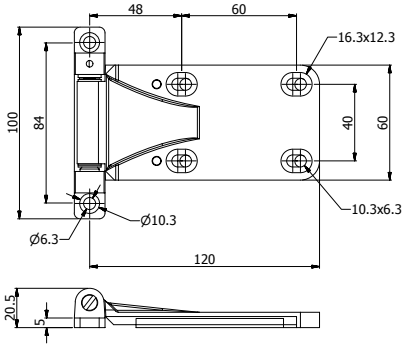
| Part Number | Std Pack Qty |
|---|---|
| 500E | 25 |

SR 5565

## 3D Adjustable HVAC Hinge

**Black Coated Die-Cast Zinc Alloy**

- Allows three dimensional adjustments
- Height ± 2mm, Width ± 2mm, Depth ± 2mm
- Ideal for large flush fitting doors
- Suitable for Air conditioning, electrical panels and machinery covers
- Stainless steel pin



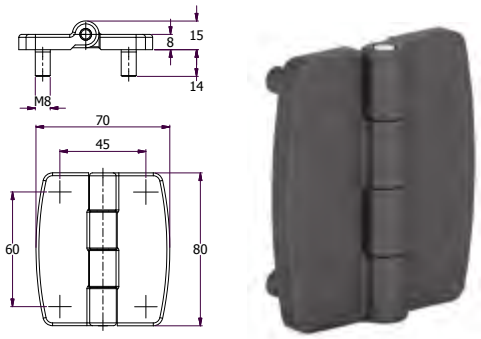



| Part Number | Type | Std Pack Qty |
|---|---|---|
| 80012001E | Right Hand | 20 |
| 80012002E | Left Hand | 20 |

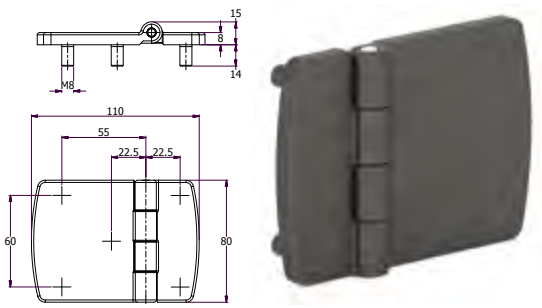
SR 5744

# Heavy Duty Hinges

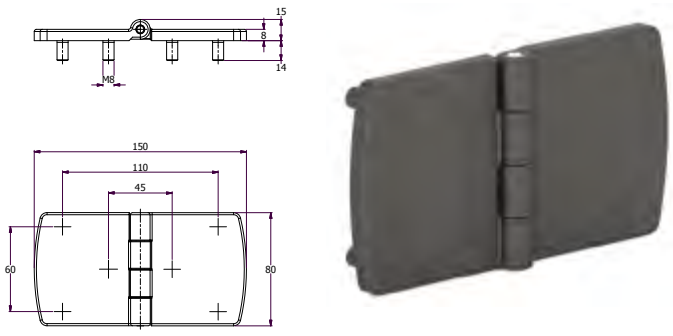
**Body: Die-cast Zinc Alloy**
**Pin: Stainless Steel**




Type 1




Type 2



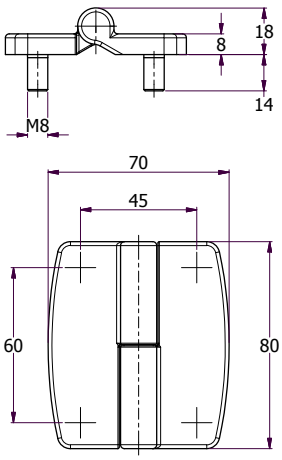

Type 3

| Part Number | | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | H | L | |
| 1399111E | 1399121E | 1 | 80 | 70 | 25 |
| 1399112E | 1399122E | 2 | 80 | 110 | 25 |
| 1399113E | 1399123E | 3 | 80 | 150 | 20 |

SR 5745

## Heavy Duty Designed Hinges

**Body: Die-cast Zinc Alloy**
**Pin: Stainless Steel**



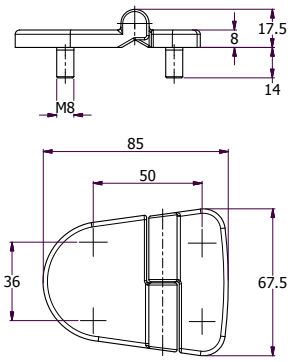



| Part Number | | Hand | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | H | L | |
| 1699111001E | 1699121001E | Right | 80 | 70 | 20 |
| 1699111002E | 1699121001E | Left | 80 | 70 | 20 |

SR 5746

## Heavy Duty Designed Hinges

**Body: Die-cast Zinc Alloy**
**Pin: Stainless Steel**






| Part Number | | Hand | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Chrome Plated | Black Coated | | H | L | |
| 149911001E | 149912001E | Right | 67.5 | 85 | 20 |
| 149911002E | 149912002E | Left | 67.5 | 85 | 20 |

SR 5087

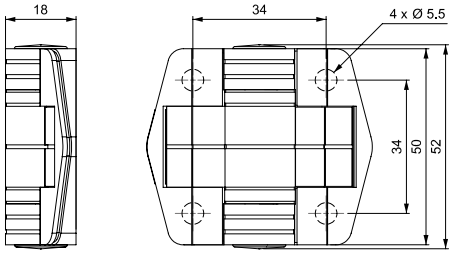
## Index Hinge

**Stainless Steel Hinge, A3 Steel Hinge**

- Different angle and torque optional
- Keep the door open at a specific angle: 80°, 115°, 150°





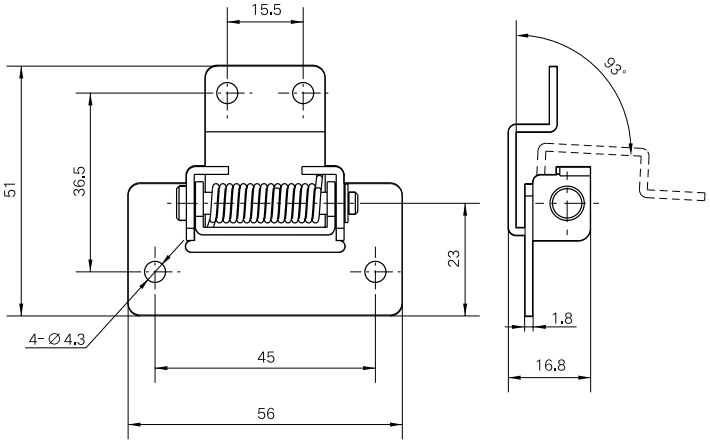

| Part Number | Position | Material | Std Pack Qty |
|---|---|---|---|
| 25992010E | Unlimited | N/A | 50 |
| 25992022E | 80° | 1.1 | 50 |
| 25992032E | 115° | 1.1 | 50 |
| 25992042E | 150° | 1.1 | 50 |

## Spring Hinge

**Galvanized steel hinge**

- Surface treatment: blue and white zinc plating
- Remarks: Rotate about 93°






| Part Number | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|
| 1437244 | 46 | 400 |

ESSENTRA COMPONENTS



# FOR EVERYTHING **ENCLOSURE**

## PVC EDGE PROTECTOR

- Provides excellent protection for steel edges
- 9 styles available
- Simple to install



## DRAWER SLIDES

- Available in light, medium and heavy duty
- Full or 3/4 extension





FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# GASKETING AND ENCLOSURE ACCESSORIES


**Gasketing**

572-581





**Lid Stays**

582-583





**Drawer slides and Gas Springs**

584-585





SR 5558

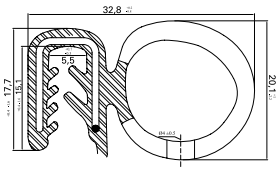
# Side Bubble Gasket

**Black EPDM**

- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and are pressed on by hand



Type 1

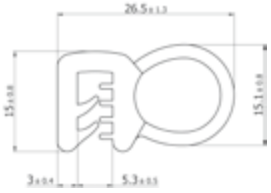



Type 1

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009083001 | 1.5 - 3 | 1 | 20 |



Type 2

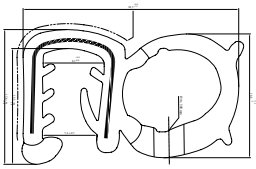



Type 2

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009059001 | 2 - 3.5 | 2 | 20 |



Type 3

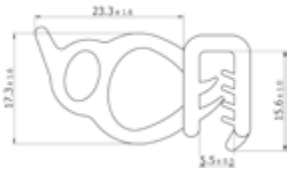


Type 3

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009041001 | 3 - 5 | 3 | 20 |



Type 4

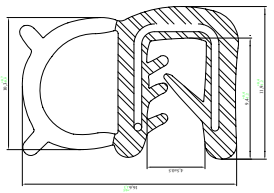



Type 4

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 493007 | 2 - 5 | 4 | 20 |



Type 5

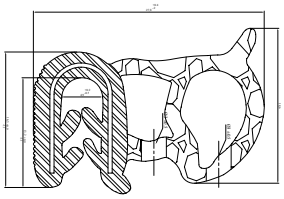


Type 5

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009002002 | 1 - 3 | 5 | 20 |



Type 6



Type 6

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009058001 | 1 - 2.5 | 6 | 20 |

CONTINUED ON NEXT PAGE

SR 5558

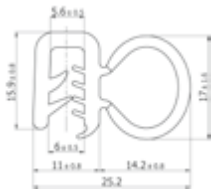
# Side Bubble Gasket *Continued*

**Black EPDM**

- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and are pressed on by hand

Type 7

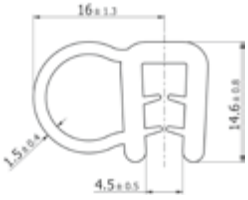
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490737 | 2 - 3 | 7 | 20 |






Type 8

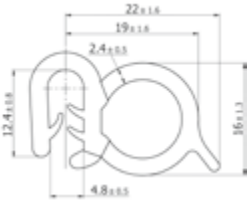
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490738 | 1.5 - 3 | 8 | 20 |






Type 9

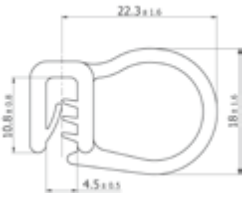
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490739 | 2 - 3 | 9 | 20 |






Type 10

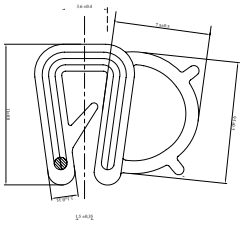
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490740 | 2 - 3 | 10 | 20 |

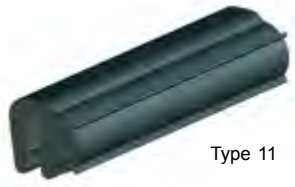





Type 11

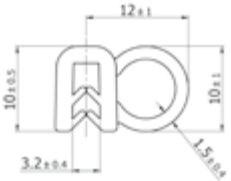
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009003002 | 1 - 2 | 11 | 20 |






Type 12

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490742 | 0.5 - 2 | 12 | 20 |





SR 5559

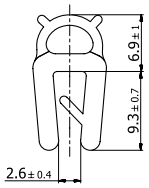
# Top Bubble Gasket

**Black EPDM**

- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and are pressed on by hand



Type 1

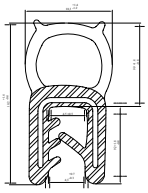



Type 1

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490743 | 0.5 - 2 | 1 | 20 |



Type 2

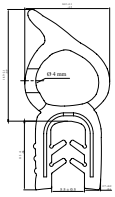


Type 2

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009104001 | 1 - 3 | 2 | 20 |



Type 3

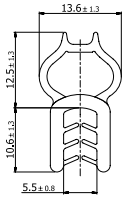


Type 3

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009139001 | 2.5 - 3.5 | 3 | 20 |



Type 4

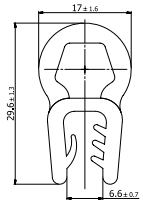



Type 4

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490746 | 2.5 - 4 | 4 | 20 |



Type 5

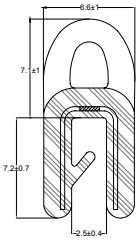



Type 5

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490747 | 4 - 5 | 5 | 20 |



Type 6




Type 6

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009100001 | 1 - 1.5 | 6 | 20 |

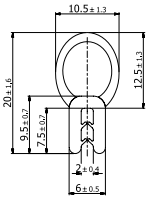
CONTINUED ON NEXT PAGE

**SR 5559**

# Top Bubble Gasket *Continued*

**Black EPDM**

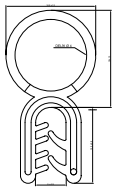
- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and are pressed on by hand






Type 7

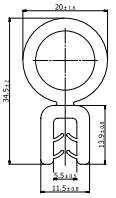
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490749 | 0.5 - 1.5 | 7 | 20 |





Type 8

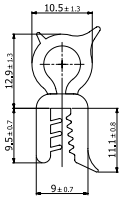
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009173001 | 1 - 3 | 8 | 20 |






Type 9

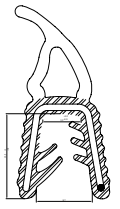
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490751 | 3 - 5 | 9 | 20 |






Type 10

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490752 | 2 - 3 | 10 | 20 |





Type 11

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009110001 | 2 - 3.5 | 11 | 20 |

SR 5557

# PVC Edge Protector

**PVC with steel spring core**

- Supplied in rolls of 20m
- Provided protection to steel edges
- Profiles are flexible and pressed on by hand
- Suitable for -25°C to +90°C

Type 1

| Part Number | Clamping Range (mm) | Colour | Roll Length (m) |
|---|---|---|---|
| 34009590001 | 1 - 1.5 MM | Black | 20 |
| 34009590002 | 1 - 1.5 MM | Grey | 20 |
| 34009590003 | 1 - 1.5 MM | White | 20 |

Type 2

| Part Number | Clamping Range (mm) | Colour | Roll Length (m) |
|---|---|---|---|
| 34009504001 | 1 - 2 MM | Black | 20 |
| 34009504002 | 1 - 2 MM | Grey | 20 |
| 34009504003 | 1 - 2 MM | White | 20 |

Type 3

| Part Number | Clamping Range (mm) | Colour | Roll Length (m) |
|---|---|---|---|
| 34009507001 | 1.5 - 3 MM | Black | 20 |
| 34009507002 | 1.5 - 3 MM | Grey | 20 |
| 34009507003 | 1.5 - 3 MM | White | 20 |

Type 4

| Part Number | Clamping Range (mm) | Colour | Roll Length (m) |
|---|---|---|---|
| 34009516001 | 1 - 3 MM | Black | 20 |
| 34009516002 | 1 - 3 MM | Grey | 20 |
| 34009516003 | 1 - 3 MM | White | 20 |

Type 5

| Part Number | Clamping Range (mm) | Colour | Roll Length (m) |
|---|---|---|---|
| 34009530001 | 2 - 4 MM | Black | 20 |
| 34009530002 | 2 - 4 MM | Grey | 20 |
| 34009530003 | 2 - 4 MM | White | 20 |

Type 6

| Part Number | Clamping Range (mm) | Colour | Roll Length (m) |
|---|---|---|---|
| 34009628001 | 6 - 8 MM | Black | 20 |
| 34009628002 | 6 - 8 MM | Grey | 20 |
| 34009628003 | 6 - 8 MM | White | 20 |

Type 7

| Part Number | Clamping Range | Colour | Roll Length (m) |
|---|---|---|---|
| 34009901001 | 1 - 3 MM | Black | 20 |
| 34009901002 | 1 - 3 MM | Grey | 20 |
| 34009901003 | 1 - 3 MM | White2 | 0 |

Type 8

| Part Number | Clamping Range | Colour | Roll Length (m) |
|---|---|---|---|
| 34009802001 | 1.5 - 3 MM | Black | 20 |
| 34009802002 | 1.5 - 3 MM | Grey | 20 |
| 34009802003 | 1.5 - 3 MM | White2 | 0 |

Type 9

| Part Number | Clamping Range | Colour | Roll Length (m) |
|---|---|---|---|
| 34009701001 | 1 - 2 MM | Black | 20 |
| 34009701002 | 1 - 2 MM | Grey | 20 |
| 34009701003 | 1 - 2 MM | White2 | 0 |


Type 1


Type 2


Type 3


Type 4

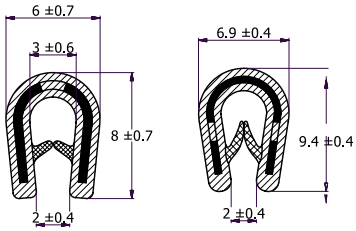

Type 5


Type 6

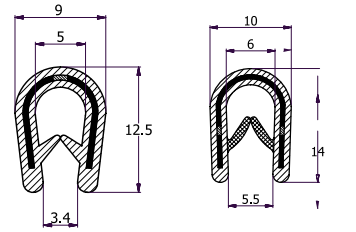

Type 7


Type 8

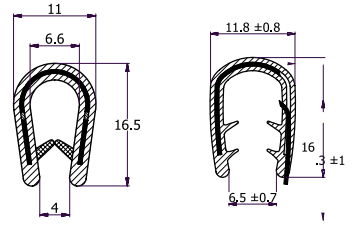

Type 9



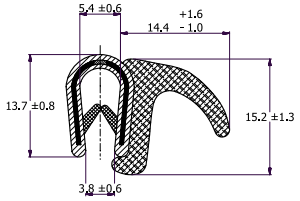
Type 1 Type 2



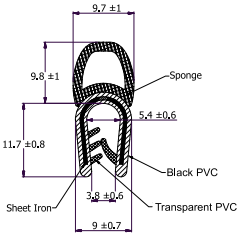
Type 3 Type 4



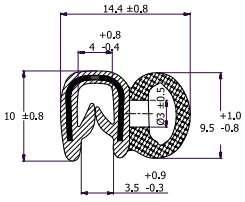
Type 5 Type 6



Type 7



Type 8



Type 9

SR 5555

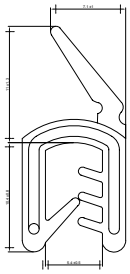
# Dual Flipper Gasket

**Black EPDM**

- Dual material; hard rubber carrier to improve grip to panel and softer rubber to aid compression
- Supplied in rolls of 20m
- Profiles are flexible and are pressed on by hand

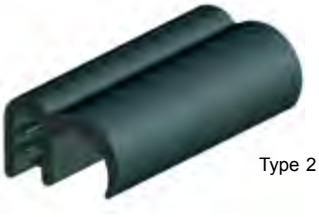


Type 1

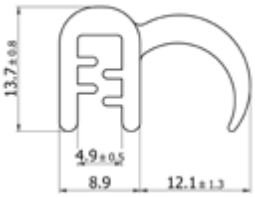


Type 1

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009236001 | 1-3 | 1 | 20 |



Type 2

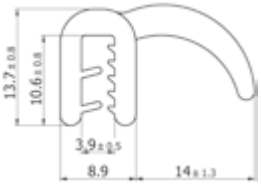



Type 2

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490761 | 1-3 | 2 | 20 |



Type 3

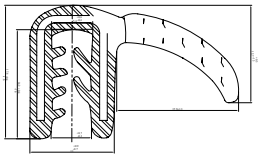



Type 3

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490762 | 2-3 | 3 | 20 |

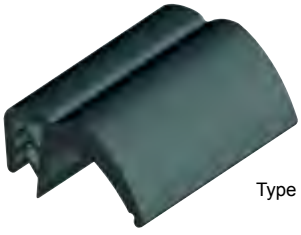


Type 4

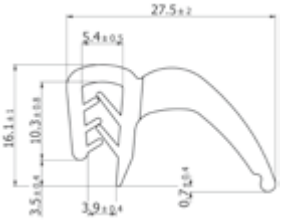


Type 4

| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 34009205001 | 2-4 | 4 | 20 |



Type 5




Type 5

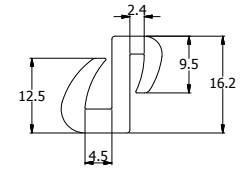
| Part Number | Clamping Range (mm) | Type | Roll Length |
|---|---|---|---|
| 490764 | 1-3 | 5 | 20 |

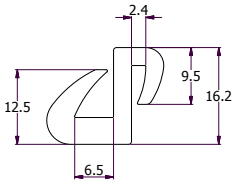
SR 6489

## S Profile Glazing Gasket

**Solid black EPDM at 60° Shore A**






- Easy to fit, used for sealing windows, inspection panel
- Used in lightweight applications
- Ideal when glass or acrylic panels are not subjected to high pressures or exposure to external weather elements
- Tolerances ISO 3302-1 1996 Class E-2

**Type 1**

| Part Number | Roll Length (m) |
|---|---|
| 551829 | 20 |

**Type 2**

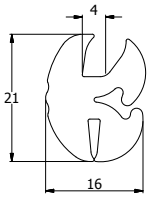
| Part Number | Roll Length (m) |
|---|---|
| 551830 | 20 |

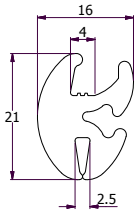
SR 6488

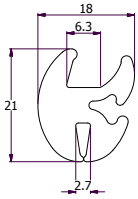
## Glazing Gasket

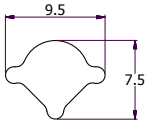
**Solid Black EPDM at 70° Shore A**






- Easy to fit glazing solution for windows and inspection panels
- Effective weatherproof seal, can be used where there are rigorous environmental demands

**Type 1**

| Part Number | Roll Length (m) |
|---|---|
| 551831 | 20 |

**Type 2**

| Part Number | Roll Length (m) |
|---|---|
| 551832 | 20 |

**Type 3**

| Part Number | Roll Length (m) |
|---|---|
| 551833 | 20 |

**Type 4**

| Part Number | Roll Length (m) |
|---|---|
| 551834 | 20 |

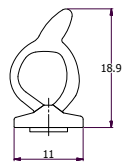
SR 6491

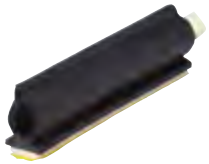
## Dual-Hard Self Adhesive

**Solid Black EPDM @ 70° Shore A**
**Expanded Black EPDM @ 0.65g.ccm S.G.**

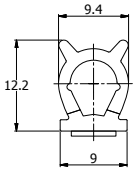
- Used in industrial and automotive applications
- Ideal in areas of high dynamic uses exposed to rigorous daily demands
- High bond taped profile allows an instant fix and is intended as a permanent attachment
- Tolerances ISO 3302-1 1996 Class E-2 / E-3

| Part Number | Roll Length (m) |
|---|---|
| 551824 | 20 |



| Part Number | Roll Length (m) |
|---|---|
| 551825 | 20 |





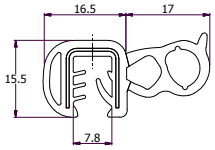

SR 6490

## Steel Inserted Side Bubble Gasket

**Solid Black EPDM @ 70° Shore A**
**Expanded Black EPDM @ 0.65g.ccm S.G.**

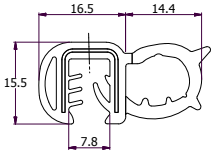
- Robustly designed profile for dynamic sealing
- Typically used as door seals on larger heavy duty vehicles
- Steel insert provides an increased grip which is resistant against high vibration

| Part Number | Roll Length (m) |
|---|---|
| 551826 | 20 |



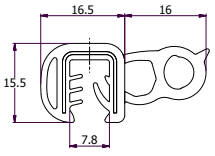



| Part Number | Roll Length (m) |
|---|---|
| 551827 | 20 |






| Part Number | Roll Length (m) |
|---|---|
| 551828 | 20 |






GUA

## Pipe Bevel Protection Gasket

**PVC**

- shields the pipe bevel from damage and corrosion, which could damage the weld

| Part Number | Roll Length (m) | Maximum Pipe Thickness |
|---|---|---|
| 20592011 | 1 | 27 |
| 20592028 | 7 | 16 |
| 20592035 | 17 | 26 |
| 20592042 | 27 | 40 |

NEW





SR 6500

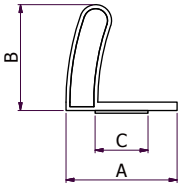
# EMI Gasketing

**Polyurethane foam covered in nickel-copper tape.**

- EMI Gasket reduce radiated emissions from boxes and enclosures.
- Wide bandwidth response 0.1-180 GHz
- High noise reducing characteristics 80-90dB
- Low Resistivity 0.8 Ω-cm
- Adhesive base for simple installation
- Maximum uncut length 1 metre

### Type 1

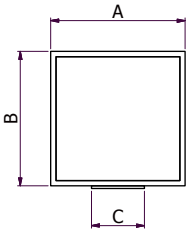
| Part Number | Dimensions (mm) | | | Compression Range | Mounting | Fire Rating | Standard Pack Qty (5 X 1M) |
|---|---|---|---|---|---|---|---|
| | A | B | C | | | | |
| 552044 | 10.7 | 9.8 | 5 | 10-25% | Adhesive Tape-Non Conductive | V-0 | 5m |






### Type 2

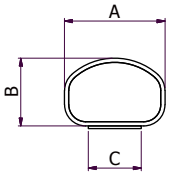
| Part Number | Dimensions (mm) | | | Compression Range | Mounting | Fire Rating | Standard Pack Qty (5 X 1M) |
|---|---|---|---|---|---|---|---|
| | A | B | C | | | | |
| 552045 | 12.7 | 12.7 | 5 | 10-25% | Adhesive Tape-Non Conductive | V-0 | 5m |






### Type 3

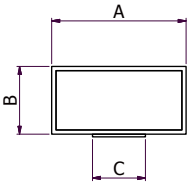
| Part Number | Dimensions (mm) | | | Compression Range | Mounting | Fire Rating | Standard Pack Qty (5 X 1M) |
|---|---|---|---|---|---|---|---|
| | A | B | C | | | | |
| 552046 | 9.5 | 6.4 | 5 | 10-25% | Adhesive Tape-Non Conductive | V-0 | 5m |






### Type 4

| Part Number | Dimensions (mm) | | | Compression Range | Mounting | Fire Rating | Standard Pack Qty (5 X 1M) |
|---|---|---|---|---|---|---|---|
| | A | B | C | | | | |
| 552047 | 12.7 | 6.4 | 5 | 10-25% | Adhesive Tape-Non Conductive | V-0 | 5m |





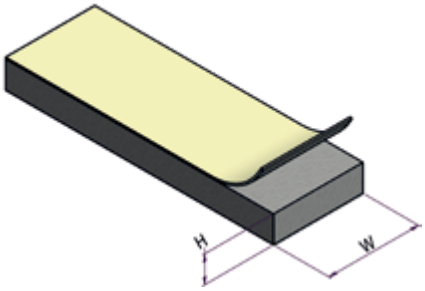

SR 5561

## EPDM Sponge Adhesive Seal

**Black EPDM**

- Supplied in rolls of 10m
- Easy to apply adhesive seal
- Ideal for metal enclosures






| Part Number | Dimensions (mm) | | Roll Length (m) |
|---|---|---|---|
| | W (mm) | H (mm) | |
| 1200310001 | 10 | 3 | 10 |
| 1200510001 | 10 | 5 | 10 |
| 1200315001 | 15 | 3 | 10 |
| 1200515001 | 15 | 5 | 10 |
| 1200320001 | 20 | 3 | 10 |
| 1200520001 | 20 | 5 | 10 |
| 1200325001 | 25 | 3 | 10 |
| 1200530001 | 30 | 5 | 10 |

SR 1867

## Weather/Gasketing Strip

**Black Neoprene, Nitrile, PVC blend**

- Rubber-based permanent adhesive on one side (not recommended for direct UV exposure)
- Excellent resistance to acid, ozone and oxidation
- Service Temperature: -28°C to 101°C
- Density (kg/m$^3$): 64 - 112
- Compression Deflection: 140 - 350 g/cm$^2$
- For HVAC or electrical enclosures, lighting fixtures, vibration dampening and more



| Part Number | Dimensions (mm) | | Roll Length (m) | Rolls Per Carton |
|---|---|---|---|---|
| | Width | Thickness | | |
| 472061 | 12.7 | 3.2 | 15 | 20 |
| 472063 | 25.4 | 3.2 | 15 | 10 |
| 472067 | 12.7 | 6.4 | 15 | 20 |
| 472069 | 25.4 | 6.4 | 15 | 10 |

SR 5556

# Adhesive Bubble Gasket

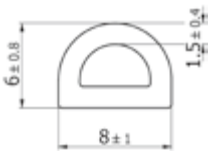
**Black EPDM**

NEW

- Supplied in rolls of 20m
- Easy to glue and seal
- Type 6 is divided into 2×10m from the center

## Type 1

| Part Number | Type | Roll Length (m) |
|---|---|---|
| 490765 | 1 | 20 |

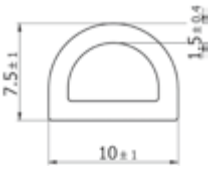



Type 1



## Type 2

| Part Number | Type | Roll Length (m) |
|---|---|---|
| 490766 | 2 | 20 |

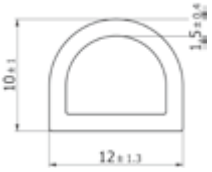



Type 2



## Type 3

| Part Number | Type | Roll Length (m) |
|---|---|---|
| 490767 | 3 | 20 |




Type 3



## Type 4

| Part Number | Type | Roll Length (m) |
|---|---|---|
| 490768 | 4 | 20 |

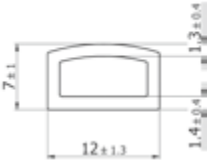



Type 4



## Type 5

| Part Number | Type | Roll Length (m) |
|---|---|---|
| 490769 | 5 | 20 |

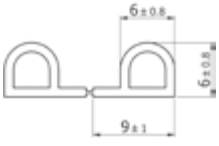



Type 5



## Type 6

| Part Number | Type | Roll Length (m) |
|---|---|---|
| 490770 | 6 | 20 |




Type 6

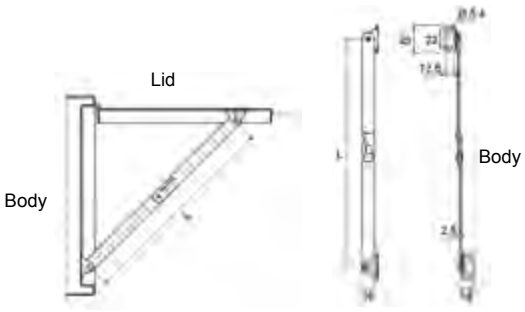


SR 5553

# Medium Duty Lid Stays

**Steel - Zinc Plated Finish / 304 Stainless Steel**

- Available in left or right-handed versions
- Ideal for holding open lids, electric panel and inspection covers, etc
- Drilled for screws of Ø5mm




**Steel**

| Part Number | | L (mm) | Std Pack Qty |
|---|---|---|---|
| Left Hand | Right Hand | | |
| 07963135002E | 07963135001E | 135 | 50 |
| 07963202002E | 07963202001E | 202 | 50 |
| 07963292002E | 07963292001E | 292 | 50 |

**Stainless Steel**

| Part Number | | L (mm) | Std Pack Qty |
|---|---|---|---|
| Left Hand | Right Hand | | |
| 07940135002E | 07940135001E | 135 | 50 |
| 07940202002E | 07940202001E | 202 | 50 |
| 07940292002E | 07940292001E | 292 | 50 |



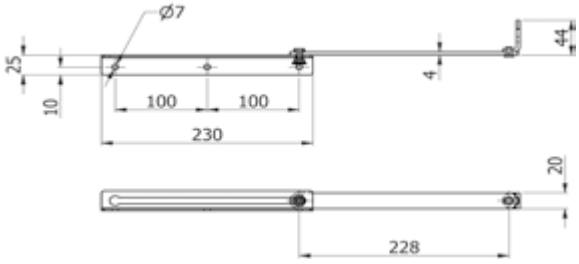

SR 5572

# Automatic Locking Lid Stay

**Steel 304 Stainless Steel**

- Stay will automatically lock to keep door open
- Can be used as left or right hand





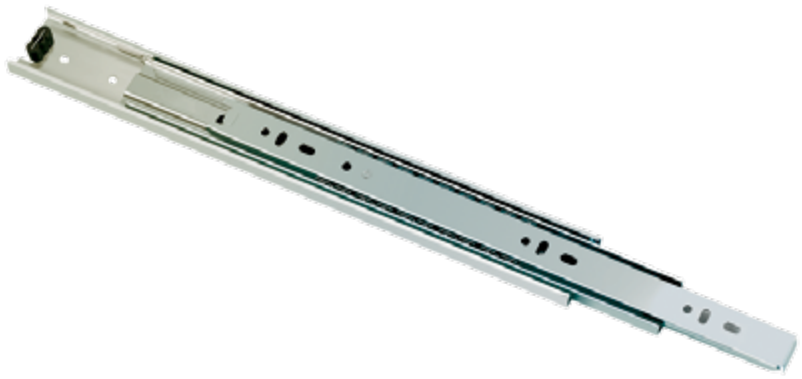

| Part Number | Type | Std Pack Qty |
|---|---|---|
| 17940E | Stainless Steel | 20 |
| 17963E | Steel | 20 |

SR 2500/SR 5492/SR 5491

# Industrial Drawer Slides

**Galvanized steel**

- Support frame locks automatically to keep door open
- Universal for left or right door
- All dimensions are in mm



## SR 2500/SR 5491

- Fully Extension
- Come in pairs

| Part Number | | Dimension (mm) | | | Standard Packing Quantity (Dual) |
|---|---|---|---|---|---|
| Galvanized Steel | Non-Galvanized Steel | Sliding Length (mm) | Extension Length (mm) | Width (mm) | |
| 10579107 | 10579206 | 250 | 250 | 45 | 5 |
| 10579114 | 10579213 | 300 | 300 | 45 | 5 |
| 10579121 | 10579220 | 350 | 350 | 45 | 5 |
| 10579138 | 10579237 | 400 | 400 | 45 | 5 |
| 10579145 | 10579244 | 450 | 450 | 45 | 5 |
| 10579152 | 10579251 | 500 | 500 | 45 | 5 |
| 10579169 | 10579268 | 550 | 550 | 45 | 5 |
| 10579176 | 10579275 | 600 | 600 | 45 | 5 |
| 10579183 | 10579282 | 650 | 650 | 45 | 5 |
| 10579190 | 10579299 | 700 | 700 | 45 | 5 |

## SR 5492

- ¾ extension length
- Come in pairs

| Part Number | Dimension (mm) | | | Standard Packing Quantity (Dual) |
|---|---|---|---|---|
| | Sliding Length (mm) | Extension Length (mm) | Width (mm) | |
| 10579305 | 250 | 168 | 35 | 10 |
| 10579312 | 306 | 215 | 35 | 10 |
| 10579329 | 350 | 255 | 35 | 10 |
| 10579336 | 400 | 295 | 35 | 10 |
| 10579343 | 450 | 330 | 35 | 10 |
| 10579350 | 500 | 375 | 35 | 10 |
| 10579367 | 557 | 415 | 35 | 10 |
| 10579374 | 610 | 462 | 35 | 10 |
| 10579381 | 660 | 494 | 35 | 10 |
| 10579398 | 710 | 522 | 35 | 10 |

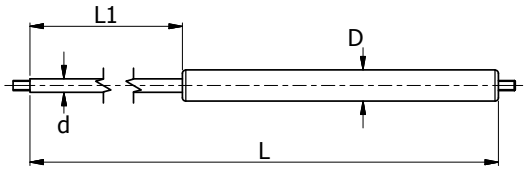
For installation location drawings, please visit our website or call our customer service team.

SR 5487

# Adjustable Force Gas Structs

**Rod: Steel**
**Fittings: PA/Steel**






- Widely used in medical, laboratory, furniture, automobile, industrial equipment. Opening and closing, tilting and shock absorption of the industry
- No need to calculate torque
- Adjustable torque after installation, saving time and effort
- Simple adjustments using standard tools provided
- Ideal for prototyping and short production runs
- Suitable for application scenarios where weight changes
- Ball and eye joints included in the package
- Supplied in pairs
- 1 pack contains:
  2 x Air Rods
  4 x ball joints
  4 x rings
  1 x Allen key
  1 x Instruction Manual

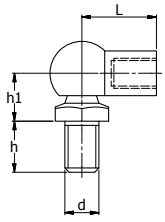
NEW

No accessories rod

| Part Number | Rod Diameter d (mm) | Plunger Diameter d (mm) | Stroke length L1 (mm) | Extension length L1 (mm) | Static Force (N) | +/- (N) | Ball Joint | Eye Joint | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| 497819 | 6 | 15 | 40 | 115 | 400 | 20 | PA | PA | 1 |
| 1253217 | 6 | 15 | 60 | 160 | 400 | 20 | PA | PA | 1 |
| 1253218 | 6 | 15 | 100 | 240 | 400 | 20 | PA | PA | 1 |
| 1253219 | 6 | 15 | 150 | 340 | 400 | 20 | PA | PA | 1 |
| 1253220 | 6 | 15 | 200 | 440 | 400 | 20 | PA | PA | 1 |
| 497820 | 8 | 18 | 80 | 210 | 650 | 33 | Steel | PA | 1 |
| 497821 | 8 | 18 | 100 | 250 | 650 | 33 | Steel | PA | 1 |
| 1253221 | 8 | 18 | 100 | 264 | 650 | 33 | Steel | PA | 1 |
| 497822 | 8 | 18 | 120 | 290 | 650 | 33 | Steel | PA | 1 |
| 497823 | 8 | 18 | 150 | 350 | 650 | 33 | Steel | PA | 1 |
| 1253222 | 8 | 18 | 150 | 364 | 650 | 33 | Steel | PA | 1 |
| 497824 | 8 | 18 | 160 | 370 | 650 | 33 | Steel | PA | 1 |
| 497825 | 8 | 18 | 180 | 410 | 650 | 33 | Steel | PA | 1 |
| 1253223 | 8 | 18 | 200 | 464 | 650 | 33 | Steel | PA | 1 |
| 1253224 | 8 | 18 | 250 | 564 | 650 | 33 | Steel | PA | 1 |
| 1253226 | 10 | 23 | 100 | 245 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 497826 | 10 | 23 | 100 | 250 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 497827 | 10 | 23 | 150 | 350 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 1253227 | 10 | 23 | 200 | 445 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 497828 | 10 | 23 | 200 | 450 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 1253225 | 10 | 23 | 250 | 545 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 1253228 | 10 | 23 | 300 | 645 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 497829 | 10 | 23 | 300 | 650 | 1200 | 60 | Steel | Zinc alloy | 1 |
| 1253229* | 14 | 28 | 200 | 480 | 2500 | 125 | Steel | – | 1 |
| 1253230* | 14 | 28 | 300 | 680 | 2500 | 125 | Steel | – | 1 |
| 497830* | 14 | 28 | 400 | 860 | 2500 | 125 | Steel | – | 1 |
| 1253231* | 14 | 28 | 400 | 880 | 2500 | 125 | Steel | – | 1 |
| 1253232* | 14 | 28 | 500 | 1080 | 2500 | 125 | Steel | – | 1 |

*Supplied with ball joint



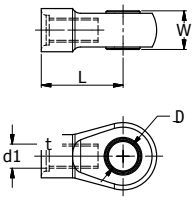



Ball Joint

| Applicable Rod Diameter | Dimension (mm) | | | |
|---|---|---|---|---|
| | L | h | h1 | d |
| 6 | 17.5 | 10.3 | 9 | M5x0.8-6g |
| 8 | 18.0 | 12.5 | 12 | M8x1.25-6g |
| 10 | 30.0 | 16.5 | 13 | M8x1.25-6g |
| 14 | 35.0 | 20.0 | 16 | M10x1.5-6g |








Ring

| Applicable Rod Diameter | Dimension (mm) | | | |
|---|---|---|---|---|
| | L | D | d1 | t |
| 6 | 17 | 9 | 6.1 | 8 |
| 8 | 21 | 14 | 8.3 | 10 |
| 10 | 21 | 14 | 10.3 | 10 |

ESSENTRA COMPONENTS





# MOTION CONTROL

**Slide Bearings**
Designed to reduce friction between moving parts or to support moving loads

**Vibration Mounts**
Suitable for use in industrial applications where there is a need to eliminate harmful vibrations, noise and shock



FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# SLIDE BEARINGS AND VIBRATION MOUNTS


**Slide Bearings**

**588-590**





**Vibration Mounts**

**591-595**





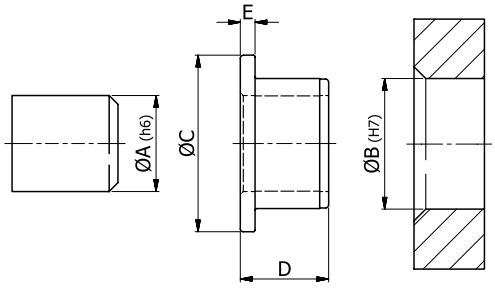
SR 1939

# Nylon Slide Bearing with Flange

**Nylon 6.6**

- Natural & Black
- Suitable for DIN H6-H7 fitting
- Bearing clearance approx. 1% of the shaft diameter after assembly






| Part Number | | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Natural | Black | A | B | C | D | E | |
| 008030000002 | 008030059902 | 3.0 | 5.0 | 8.0 | 7.0 | 2.2 | 100 |
| 008040000002 | 008040059902 | 4.0 | 6.0 | 9.0 | 8.0 | 2.0 | 100 |
| 008050000002 | 008050059902 | 5.0 | 8.0 | 11.0 | 10.0 | 2.0 | 100 |
| 008050400002 | 008050459902 | 5.3 | 7.3 | 15.0 | 5.0 | 1.5 | 100 |
| 008060000002 | 008060059902 | 6.0 | 9.0 | 12.0 | 11.0 | 2.0 | 100 |
| 008060200002 | 008060259902 | 6.2 | 7.8 | 12.0 | 10.0 | 2.0 | 100 |
| 008060600002 | 008060659902 | 6.2 | 9.1 | 12.0 | 18.0 | 2.0 | 100 |
| 008060900002 | 008060959902 | 6.0 | 10.0 | 15.0 | 8.5 | 2.0 | 100 |
| 008061000002 | 008061059902 | 6.0 | 9.0 | 12.0 | 6.0 | 2.0 | 100 |
| 008070600002 | 008070659902 | 7.4 | 9.0 | 14.7 | 4.3 | 1.5 | 100 |
| 008080000002 | 008080059902 | 8.0 | 11.0 | 16.0 | 13.0 | 2.0 | 100 |
| 008080900002 | 008080959902 | 8.0 | 12.0 | 16.0 | 6.0 | 2.0 | 100 |
| 008081000002 | 008081059902 | 8.0 | 14.0 | 20.0 | 10 | 2.0 | 100 |
| 008081100002 | 008081159902 | 8.0 | 11.0 | 16.0 | 7.0 | 2.0 | 100 |
| 008081200001 | 008081259901 | 8.1 | 10.1 | 13.0 | 10.8 | 0.8 | 100 |
| 008100000002 | 008100059902 | 10.0 | 13.0 | 18.0 | 15.0 | 2.0 | 100 |
| 008100200002 | 008100259902 | 10.5 | 13.0 | 21.0 | 15.0 | 3.0 | 100 |
| 008101000002 | 008101059902 | 10.0 | 12.0 | 16.0 | 6.0 | 2.0 | 100 |
| 008101100002 | 008101159902 | 10.0 | 14.0 | 20.0 | 10.0 | 2.0 | 100 |
| 008101200002 | 008101259902 | 10.0 | 16.0 | 21.0 | 10.0 | 2.0 | 100 |
| 008101400002 | 008101459902 | 10.0 | 13.0 | 18.0 | 8.0 | 2.0 | 100 |
| 008101600002 | 008101659902 | 10.0 | 13.0 | 21.0 | 16.0 | 3.0 | 100 |
| 008120000002 | 008120059902 | 12.0 | 16.0 | 21.0 | 19.0 | 2.0 | 100 |
| 008120400002 | 008120459902 | 12.4 | 18.0 | 24 | 18.0 | 2.0 | 100 |
| 008120600002 | 008120659902 | 12.0 | 14.0 | 20 | 10.0 | 2.0 | 100 |
| 008120700002 | 008120759902 | 12.0 | 16.0 | 21.0 | 10.0 | 2.0 | 100 |
| 008140000002 | 008140059902 | 14.0 | 18.0 | 28.0 | 21.0 | 3.0 | 100 |
| 008150400002 | 008150459902 | 15.2 | 20.1 | 24.0 | 12.0 | 2.0 | 100 |
| 008160000002 | 008160059902 | 16.0 | 20.0 | 28.0 | 22.0 | 2.5 | 100 |
| 008160300002 | 008160359902 | 16.0 | 20.0 | 28.0 | 15.5 | 2.5 | 100 |
| 008160400002 | 008160459902 | 16.0 | 22.0 | 30.0 | 15.0 | 2.5 | 100 |
| 008180000002 | 008180059902 | 18.0 | 22.0 | 30.0 | 25.0 | 2.5 | 100 |
| 008180300002 | 008180359902 | 18.5 | 20.0 | 23.5 | 7.5 | 1.4 | 100 |
| 008180500002 | 008180559902 | 18.3 | 22.1 | 30.0 | 12.0 | 2.5 | 100 |
| 008200000002 | 008200059902 | 20.0 | 24.0 | 30.0 | 26.0 | 2.0 | 100 |
| 008200200002 | 008200259902 | 20.0 | 24.0 | 30.0 | 15.0 | 2.0 | 100 |
| 008200300002 | 008200359902 | 20.0 | 25.0 | 30.0 | 15.0 | 2.0 | 100 |
| 008200400002 | 008200459902 | 20.0 | 26.0 | 30.0 | 15.0 | 2.0 | 100 |
| 008240000002 | 008240059902 | 24.0 | 30.0 | 37.0 | 30.0 | 2.5 | 100 |
| 008250000002 | 008250059902 | 25.0 | 30.0 | 37.0 | 30.0 | 2.5 | 100 |
| 008280000002 | 008280059902 | 28.0 | 33.0 | 40.0 | 33.0 | 2.5 | 100 |
| 008300000002 | 008300059902 | 30.0 | 35.0 | 42.0 | 35.0 | 2.5 | 100 |
| 008320000002 | 008320059902 | 32.0 | 38.0 | 45.0 | 38.0 | 3.0 | 100 |
| 008400000002 | 008400059902 | 40.0 | 46.0 | 55.0 | 46.0 | 3.0 | 100 |
| 008500000002 | 008500059902 | 50.0 | 56.0 | 67.0 | 50.0 | 3.5 | 100 |
| 008600000002 | 008600059902 | 60.0 | 68.0 | 81.0 | 50.0 | 4.0 | 100 |

SR 1936

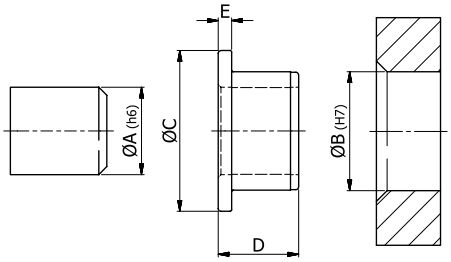
## Nylon Slide Bearing with Flange

**Black PA6.6 with PTFE compound**

- Made of PA6.6, glass fiber and PTFE compound
- Low friction and good heat dissipation
- Suitable for DIN h6-H7 connectors
- Friction coefficient 0.11 (statistical)
- Bearing clearance after assembly is about 1% of shaft diameter

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 008705011442 | 6.0 | 8.0 | 12.0 | 4.0 | 1.0 | 100 |
| 008707011442 | 6.0 | 8.0 | 12.0 | 6.0 | 1.0 | 100 |
| 008709011442 | 6.0 | 8.0 | 12.0 | 8.0 | 1.0 | 100 |
| 008711011442 | 6.0 | 8.0 | 12.0 | 10.0 | 1.0 | 100 |
| 008713011442 | 8.0 | 10.0 | 15.0 | 5.5 | 1.0 | 100 |
| 008715011442 | 8.0 | 10.0 | 15.0 | 7.5 | 1.0 | 100 |
| 008717011442 | 8.0 | 10.0 | 15.0 | 10.0 | 1.0 | 100 |
| 008719011442 | 8.0 | 10.0 | 15.0 | 15.0 | 1.0 | 100 |
| 008721011442 | 10.0 | 12.0 | 18.0 | 6.0 | 1.0 | 100 |
| 008723011442 | 10.0 | 12.0 | 18.0 | 9.0 | 1.0 | 100 |
| 008725011442 | 10.0 | 12.0 | 18.0 | 12.0 | 1.0 | 100 |
| 008727011442 | 10.0 | 12.0 | 18.0 | 15.0 | 1.0 | 50 |
| 008729011442 | 12.0 | 14.0 | 20.0 | 9.0 | 1.0 | 50 |
| 008731011442 | 12.0 | 14.0 | 20.0 | 12.0 | 1.0 | 50 |
| 008733011442 | 12.0 | 14.0 | 20.0 | 15.0 | 1.0 | 50 |
| 008735011442 | 12.0 | 14.0 | 20.0 | 20.0 | 1.0 | 50 |
| 008737011442 | 14.0 | 16.0 | 22.0 | 12.0 | 1.0 | 50 |
| 008739011442 | 14.0 | 16.0 | 22.0 | 17.0 | 1.0 | 50 |
| 008741011442 | 15.0 | 17.0 | 23.0 | 9.0 | 1.0 | 50 |
| 008743011442 | 15.0 | 17.0 | 23.0 | 12.0 | 1.0 | 50 |
| 008745011442 | 15.0 | 17.0 | 23.0 | 17.0 | 1.0 | 50 |
| 008747011442 | 16.0 | 18.0 | 24.0 | 12.0 | 1.0 | 50 |
| 008749011442 | 16.0 | 18.0 | 24.0 | 17.0 | 1.0 | 50 |
| 008751011442 | 18.0 | 20.0 | 26.0 | 12.0 | 1.0 | 50 |
| 008753011442 | 18.0 | 20.0 | 26.0 | 17.0 | 1.0 | 50 |
| 008755011442 | 20.0 | 23.0 | 30.0 | 11.5 | 1.5 | 10 |
| 008757011442 | 20.0 | 23.0 | 30.0 | 16.5 | 1.5 | 10 |
| 008759011442 | 20.0 | 23.0 | 30.0 | 21.5 | 1.5 | 10 |
| 008761011442 | 25.0 | 28.0 | 35.0 | 16.5 | 1.5 | 10 |
| 008763011442 | 25.0 | 28.0 | 35.0 | 21.5 | 1.5 | 10 |
| 008765011442 | 25.0 | 28.0 | 35.0 | 30.0 | 1.5 | 10 |
| 008767011442 | 30.0 | 34.0 | 42.0 | 16.0 | 2.0 | 10 |
| 008769011442 | 30.0 | 34.0 | 42.0 | 26.0 | 2.0 | 10 |
| 008771011442 | 30.0 | 34.0 | 42.0 | 37.0 | 2.0 | 10 |
| 008773011442 | 32.0 | 36.0 | 45.0 | 16.0 | 2.0 | 10 |
| 008775011442 | 32.0 | 36.0 | 45.0 | 26.0 | 2.0 | 10 |
| 008777011442 | 35.0 | 39.0 | 47.0 | 16.0 | 2.0 | 10 |
| 008779011442 | 35.0 | 39.0 | 47.0 | 26.0 | 2.0 | 10 |
| 008781011442 | 40.0 | 44.0 | 52.0 | 30.0 | 2.0 | 10 |
| 008783011442 | 40.0 | 44.0 | 52.0 | 40.0 | 2.0 | 10 |
| 008785011442 | 45.0 | 50.0 | 58.0 | 30.0 | 2.0 | 10 |
| 008787011442 | 45.0 | 50.0 | 58.0 | 50.0 | 2.0 | 10 |







# WE MAKE IT EASY!

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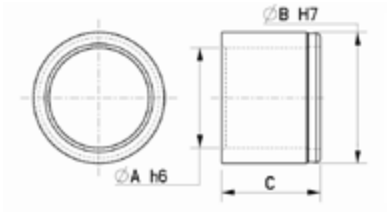
SR 2018

## All round Slide Bearing

**Nylon 6.6, Glass Fibre, PTFE**

- All round slide bearing
- High pressure load
- Maintenance free
- Suitable for IN h6-H7 fitting






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | C | |
| 103502023243 | 6.0 | 8.0 | 4.0 | 100 |
| 103504023243 | 6.0 | 8.0 | 6.0 | 100 |
| 103506023243 | 6.0 | 8.0 | 8.0 | 100 |
| 103508023243 | 6.0 | 8.0 | 10.0 | 100 |
| 103510023243 | 8.0 | 10.0 | 5.5 | 100 |
| 103512023243 | 8.0 | 10.0 | 7.5 | 100 |
| 103514023243 | 8.0 | 10.0 | 10.0 | 100 |
| 103516023243 | 8.0 | 10.0 | 15.0 | 100 |
| 103518023243 | 10.0 | 12.0 | 6.0 | 100 |
| 103520023243 | 10.0 | 12.0 | 9.0 | 100 |
| 103522023243 | 10.0 | 12.0 | 12.0 | 50 |
| 103524023243 | 10.0 | 12.0 | 15.0 | 50 |
| 103526023243 | 12.0 | 14.0 | 9.0 | 50 |
| 103528023243 | 12.0 | 14.0 | 12.0 | 50 |
| 103530023243 | 13.0 | 14.0 | 15.0 | 50 |
| 103532023243 | 12.0 | 14.0 | 20.0 | 50 |
| 103534023243 | 14.0 | 16.0 | 15.0 | 50 |
| 103536023243 | 14.0 | 16.0 | 20.0 | 50 |
| 103538023243 | 15.0 | 17.0 | 12.0 | 50 |
| 103542023243 | 15.0 | 17.0 | 20.0 | 50 |
| 103544023243 | 16.0 | 18.0 | 12.0 | 50 |
| 103546023243 | 16.0 | 18.0 | 15.0 | 50 |
| 103548023243 | 16.0 | 18.0 | 20.0 | 50 |
| 103550023243 | 18.0 | 20.0 | 12.0 | 50 |
| 103552023243 | 18.0 | 20.0 | 15.0 | 50 |
| 103554023243 | 18.0 | 20.0 | 20.0 | 10 |
| 103556023243 | 20.0 | 23.0 | 15.0 | 10 |
| 103558023243 | 20.0 | 23.0 | 20.0 | 10 |
| 103560023243 | 20.0 | 23.0 | 25.0 | 10 |
| 103562023243 | 25.0 | 28.0 | 20.0 | 10 |
| 103564023243 | 25.0 | 28.0 | 30.0 | 10 |
| 103566023243 | 30.0 | 34.0 | 20.0 | 10 |
| 103568023243 | 30.0 | 34.0 | 25.0 | 10 |
| 103570023243 | 30.0 | 34.0 | 30.0 | 10 |
| 103572023243 | 30.0 | 36.0 | 40.0 | 10 |
| 103574023243 | 32.0 | 36.0 | 20.0 | 10 |
| 103576023243 | 32.0 | 36.0 | 30.0 | 10 |
| 103580023243 | 35.0 | 39.0 | 30.0 | 10 |
| 103582023243 | 35.0 | 39.0 | 40.0 | 10 |
| 103584023243 | 40.0 | 44.0 | 30.0 | 10 |
| 103586023243 | 40.0 | 44.0 | 40.0 | 10 |
| 103588023243 | 45.0 | 50.0 | 30.0 | 10 |
| 103590023243 | 45.0 | 50.0 | 50.0 | 10 |

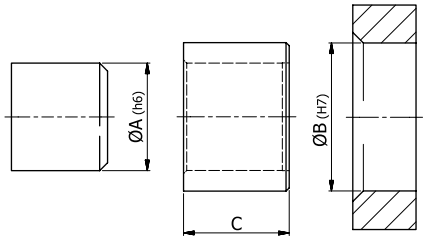
SR 1932

## Nylon Cylindrial Slide Bearing

**Natural PA 6.6**

- Suitable for soundless hinging and low R.P.M machines
- Suitable for IN h6-H7 fitting
- Impervious to dirt ingress, weather and chemical corrosion
- Bearing clearance approx. 1% of the shaft meter after assembly






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | A | B | C | |
| 103081200002 | 8 | 12 | 10 | 100 |
| 103081400002 | 8 | 14 | 10 | 100 |
| 103101200002 | 10 | 12 | 10 | 100 |
| 103101400002 | 10 | 14 | 10 | 100 |
| 103101600002 | 10 | 16 | 10 | 100 |
| 103121400002 | 12 | 14 | 10 | 100 |
| 103121600002 | 12 | 16 | 10 | 100 |
| 103121800002 | 12 | 18 | 14 | 100 |
| 103152000002 | 15 | 20 | 15 | 100 |
| 103152200002 | 15 | 22 | 15 | 100 |
| 103162000002 | 16 | 20 | 15 | 100 |
| 103162200002 | 16 | 22 | 15 | 100 |
| 103202400002 | 20 | 24 | 15 | 100 |
| 103202500002 | 20 | 25 | 15 | 100 |
| 103202600002 | 20 | 26 | 20 | 100 |

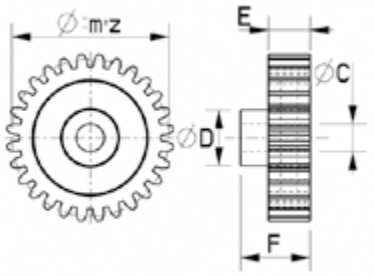
SR 2021

# Gear Wheel

**Natural POM**

- Maximum operating temperature 95°C
- Gear module 0.5. 1. 1.5 and 2 optional
- B = number of teeth

mA (modulus)
z B
Pressure angle 20º
DIN 16901-140






| Part Number | Dimensions (mm) | | | | | | Sty Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | |
| 104002700005 | 0.5 | 15 | 3.0 | 6.0 | 3.0 | 10.0 | 10 |
| 104002900005 | 0.5 | 20 | 4.0 | 8.0 | 3.0 | 10.0 | 10 |
| 104003000005 | 0.5 | 25 | 4.0 | 10.0 | 3.0 | 10.0 | 10 |
| 104003100005 | 0.5 | 30 | 4.0 | 12.0 | 3.0 | 10.0 | 10 |
| 104003200005 | 0.5 | 35 | 4.0 | 12.0 | 3.0 | 10.0 | 10 |
| 104003300005 | 0.5 | 40 | 4.0 | 12.0 | 3.0 | 10.0 | 10 |
| 104003500005 | 0.5 | 48 | 6.0 | 15.0 | 3.0 | 10.0 | 10 |
| 104003600005 | 0.5 | 50 | 6.0 | 15.0 | 3.0 | 10.0 | 10 |
| 104003700005 | 0.5 | 60 | 6.0 | 15.0 | 3.0 | 10.0 | 10 |
| 104003800005 | 0.5 | 72 | 6.0 | 15.0 | 3.0 | 10.0 | 10 |
| 104003900005 | 0.5 | 96 | 6.0 | 15.0 | 3.0 | 10.0 | 10 |
| 104004000005 | 0.5 | 120 | 6.0 | 15.0 | 3.0 | 10.0 | 10 |
| 104000100005 | 1.0 | 12 | 4.0 | 9.0 | 8.0 | 16.0 | 10 |
| 104000200005 | 1.0 | 15 | 4.0 | 9.0 | 8.0 | 16.0 | 10 |
| 104000300005 | 1.0 | 18 | 6.0 | 9.0 | 8.0 | 16.0 | 10 |
| 104000400005 | 1.0 | 20 | 6.0 | 12.0 | 8.0 | 16.0 | 10 |
| 104000500005 | 1.0 | 21 | 6.0 | 12.0 | 8.0 | 16.0 | 10 |
| 104000600005 | 1.0 | 24 | 6.0 | 12.0 | 8.0 | 16.0 | 10 |
| 104000700005 | 1.0 | 28 | 6.0 | 12.0 | 8.0 | 16.0 | 10 |
| 104000800005 | 1.0 | 30 | 6.0 | 12.0 | 8.0 | 16.0 | 10 |
| 104000900005 | 1.0 | 32 | 6.0 | 12.0 | 8.0 | 16.0 | 1 |
| 104001000005 | 1.0 | 35 | 8.0 | 16.0 | 8.0 | 20.0 | 1 |
| 104001100005 | 1.0 | 40 | 8.0 | 16.0 | 8.0 | 20.0 | 1 |
| 104001200005 | 1.0 | 45 | 8.0 | 16.0 | 8.0 | 20.0 | 1 |

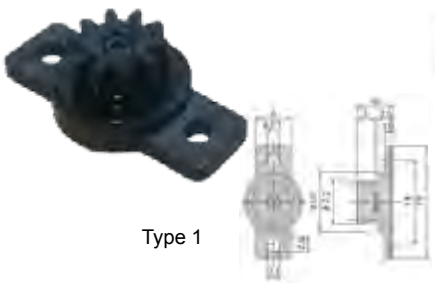
| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | |
| 104001200005 | 1.5 | 45 | 8.0 | 16.0 | 8.0 | 20.0 | 1 |
| 104001300005 | 1.5 | 50 | 8.0 | 16.0 | 8.0 | 20.0 | 1 |
| 104001400005 | 1.5 | 60 | 8.0 | 16.0 | 8.0 | 20.0 | 1 |
| 104004100005 | 1.5 | 12 | 6.0 | 14.0 | 12.0 | 23.0 | 1 |
| 104004200005 | 1.5 | 15 | 6.0 | 14.0 | 12.0 | 23.0 | 1 |
| 104004300005 | 1.5 | 18 | 8.0 | 17.0 | 12.0 | 23.0 | 1 |
| 104004400005 | 1.5 | 20 | 8.0 | 17.0 | 12.0 | 23.0 | 1 |
| 104004500005 | 1.5 | 24 | 8.0 | 18.0 | 12.0 | 23.0 | 1 |
| 104004700005 | 1.5 | 30 | 10.0 | 24.0 | 12.0 | 23.0 | 1 |
| 104004800005 | 1.5 | 35 | 10.0 | 24.0 | 12.0 | 23.0 | 1 |
| 104004900005 | 1.5 | 40 | 10.0 | 24.0 | 12.0 | 23.0 | 1 |
| 104001500005 | 2.0 | 12 | 8.0 | 18.0 | 15.0 | 25.0 | 1 |
| 104001600005 | 2.0 | 15 | 8.0 | 18.0 | 15.0 | 25.0 | 1 |
| 104001700005 | 2.0 | 18 | 8.0 | 18.0 | 15.0 | 25.0 | 1 |
| 104001800005 | 2.0 | 20 | 10.0 | 20.0 | 15.0 | 25.0 | 1 |
| 104001900005 | 2.0 | 21 | 10.0 | 20.0 | 15.0 | 25.0 | 1 |
| 104002000005 | 2.0 | 24 | 10.0 | 20.0 | 15.0 | 25.0 | 1 |
| 104002100005 | 2.0 | 25 | 10.0 | 20.0 | 15.0 | 25.0 | 1 |
| 104002200005 | 2.0 | 28 | 10.0 | 20.0 | 15.0 | 25.0 | 1 |
| 104002300005 | 2.0 | 30 | 10.0 | 20.0 | 15.0 | 25.0 | 1 |
| 104002400005 | 2.0 | 32 | 12.0 | 24.0 | 15.0 | 30.0 | 1 |
| 104002500005 | 2.0 | 35 | 12.0 | 24.0 | 15.0 | 30.0 | 1 |
| 104002600005 | 2.0 | 40 | 12.0 | 24.0 | 15.0 | 30.0 | 1 |

SR 6271

# Rotary Damper

**Base and cover are PC material**
**Gears and shafts are POM material**

- Gear is involute standard spur gear
- Suitable for opening or closing the light cover
- Structures that require damping cushioning and speed control such as small home appliance covers, car glasses case covers, electroniccovers etc.



Type 1



Type 2

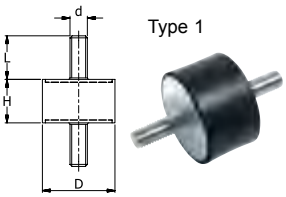
| Part Number | Function | TorqueN m(20RPM) | Gear Module | No. of Gear Teeth | Pressure Angle Deg | Index circle diameter D | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| RFRT-E2-400G1 | Two Way | (4±1)/1000 | 0.6 | 10 | 20 | 6 | 1 | 1000 |
| SG17-0020 | Two Way | (2±0.7)/1000 | 0.6 | 10 | 20 | 6 | 2 | 1000 |

SR 5495

## Vibration Mounts

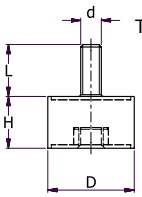
**Zinc Plated Steel and Rubber**

- Used for any application that requires the isolation of vibration
- 3 options available



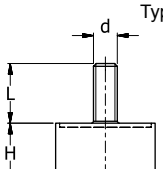

Type 1





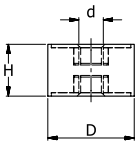

Type 2





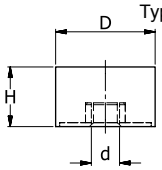

Type 3






Type 4






Type 5



| Part Number | | | Dimensions (mm) | | | | Std Pack |
|---|---|---|---|---|---|---|---|
| Type 1 | Type 2 | Type 3 | d | D | H | L | Qty |
| 497699 | 497743 | 497765 | M4 | 10 | 10 | 6 | 70 |
| 497700 | 497744 | 497766 | M4 | 10 | 15 | 6 | 70 |
| – | 497745 | 497767 | M4 | 15 | 10 | 10 | 40 |
| – | 497746 | 497768 | M4 | 15 | 15 | 10 | 40 |
| – | 497747 | 497769 | M4 | 15 | 20 | 10 | 40 |
| 497701 | – | – | M5 | 15 | 10 | 10 | 40 |
| 497702 | – | – | M5 | 15 | 15 | 10 | 40 |
| 497703 | – | – | M5 | 15 | 20 | 10 | 40 |
| – | 497748 | – | M5 | 20 | 15 | 15 | 45 |
| – | 497749 | – | M5 | 20 | 20 | 15 | 45 |
| – | 497750 | – | M5 | 20 | 25 | 15 | 45 |
| – | – | 497772 | M6 | 20 | 25 | 15 | 45 |
| 497704 | – | 497770 | M6 | 20 | 15 | 15 | 45 |
| 497705 | – | 497771 | M6 | 20 | 20 | 15 | 45 |
| 497706 | – | – | M6 | 20 | 25 | 15 | 45 |
| 497707 | 497751 | 497773 | M6 | 25 | 20 | 20 | 35 |
| 497708 | 497752 | 497774 | M6 | 25 | 25 | 20 | 35 |
| 497709 | 497753 | 497775 | M6 | 25 | 30 | 20 | 35 |
| 497710 | 497754 | 497776 | M8 | 30 | 25 | 25 | 20 |
| 497711 | 497755 | 497777 | M8 | 30 | 30 | 25 | 20 |
| 497712 | 497756 | 497778 | M8 | 30 | 35 | 25 | 20 |
| 497713 | 497757 | 497779 | M8 | 40 | 35 | 33 | 20 |
| 497714 | 497758 | 497780 | M8 | 40 | 40 | 33 | 20 |
| 497715 | 497759 | 497781 | M8 | 40 | 45 | 33 | 20 |
| 497716 | 497760 | 497782 | M10 | 50 | 45 | 38 | 20 |
| 497717 | 497761 | 497783 | M10 | 50 | 50 | 38 | 20 |
| 497718 | 497762 | 497784 | M10 | 60 | 60 | 43 | 10 |
| 497719 | 497763 | 497785 | M10 | 70 | 70 | 43 | 5 |
| 497720 | 497764 | 497786 | M11 | 100 | 50 | 46 | 8 |

| Part Number | | Dimensions (mm) | | | Std Pack |
|---|---|---|---|---|---|
| Type 4 | Type 5 | d | D | H | Qty |
| 497721 | – | M3 | 10 | 10 | 70 |
| 497723 | – | M3 | 15 | 10 | 40 |
| 497722 | 497788 | M4 | 10 | 15 | 70 |
| – | 497787 | M4 | 10 | 10 | 70 |
| – | 497789 | M4 | 15 | 10 | 40 |
| 497724 | 497790 | M4 | 15 | 15 | 40 |
| 497725 | 497791 | M4 | 15 | 20 | 40 |
| 497726 | 497792 | M6 | 20 | 15 | 45 |
| 497727 | 497793 | M6 | 20 | 20 | 45 |
| 497728 | 497794 | M6 | 20 | 25 | 45 |
| 497729 | 497795 | M6 | 25 | 20 | 35 |
| 497730 | 497796 | M6 | 25 | 25 | 35 |
| 497731 | 497797 | M6 | 25 | 30 | 35 |
| 497732 | 497798 | M8 | 30 | 25 | 20 |
| 497733 | 497799 | M8 | 30 | 30 | 20 |
| 497734 | – | M8 | 30 | 35 | 20 |
| 497735 | 497801 | M8 | 40 | 35 | 20 |
| 497736 | 497802 | M8 | 40 | 40 | 20 |
| 497737 | 497803 | M8 | 40 | 45 | 20 |
| 497738 | 497804 | M10 | 50 | 45 | 20 |
| 497739 | 497805 | M10 | 50 | 50 | 20 |
| 497740 | 497806 | M10 | 60 | 60 | 10 |
| 497741 | – | M10 | 70 | 70 | 5 |
| 497742 | 497808 | M16 | 100 | 50 | 8 |

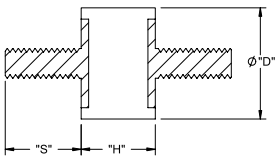
SR 6501

## Metric Vibration Mount

**Black Natural Rubber, 55 Shore A RMS-207**
**Inserts/ Studs: ST 37 Galvanized Steel, RMS-266**

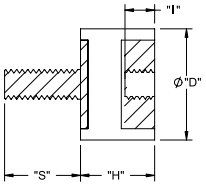


Type 1
Male/Male



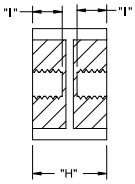

DAA

Type 2
Female/Male




DIA

Type 3
Female/Female




DII

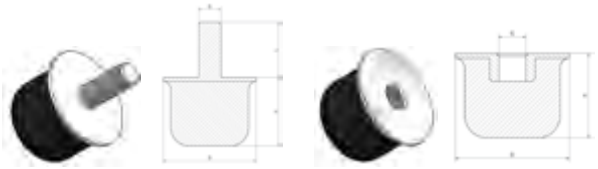
| Part Number | Type | Thread | Dimensions (mm) | | | | Std Pack |
|---|---|---|---|---|---|---|---|
| | | | "D" Ø | "H" | □□□□ "S" | □□□□□ "I" | Qty |
| SDD-DAA-15-8-M4 | 1 | M4 | 15 | 8 | 10 | - | 100 |
| SDD-DAA-2515-M6 | 1 | M6 | 25 | 15 | 18.5 | - | 100 |
| SDD-DAA-2520-M6 | 1 | M6 | 25 | 20 | 18.5 | - | 100 |
| SDD-DIA-1530-M4 | 2 | M4 | 15 | 30 | 15 | 4 | 100 |
| SDD-DIA-2025-M6 | 2 | M6 | 20 | 25 | 19 | 6 | 100 |
| SDD-DIA-1515-M4 | 2 | M4 | 15 | 15 | 13 | 4 | 100 |
| SDD-DII-1515-M4 | 3 | M4 | 15 | 15 | - | 4 | 100 |

SR 6486

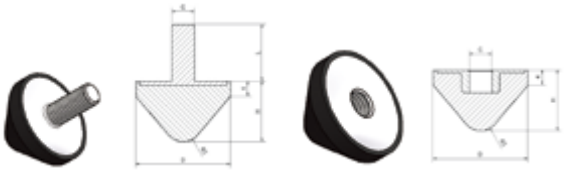
# Conical Buffer

**Galvanized Steel and Rubber**

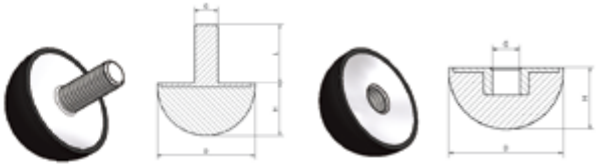
Type 1



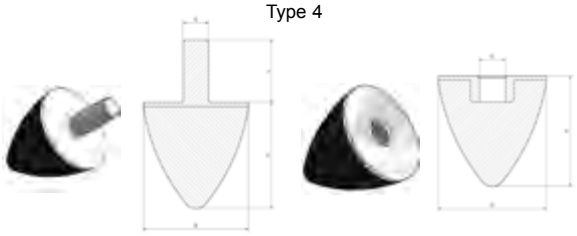
Type 3



Type 2

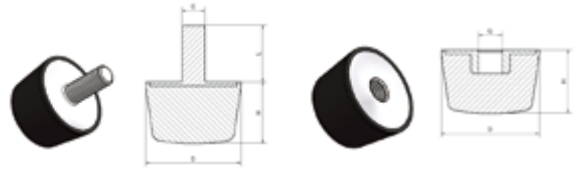


Type 4

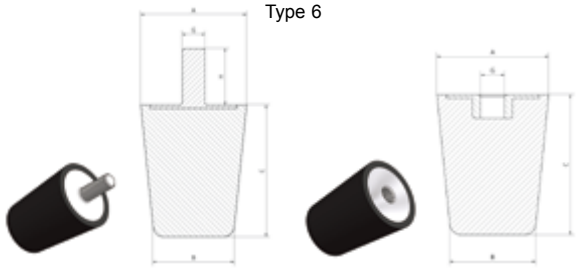


| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "D" | "H" | "G" | "L" | |
| 551967 | 1 | 50.0 | 35.0 | M10 | 10.0 | 20 |
| 551968 | 1 | 50.0 | 35.0 | M10 | - | 20 |
| 551969 | 2 | 25.0 | 15.0 | M6 | 18.0 | 35 |
| 551970 | 2 | 30.0 | 26.0 | M8 | 48.0 | 35 |
| 551971 | 2 | 25.0 | 15.0 | M6 | - | 35 |
| 551972 | 2 | 30.0 | 26.0 | M8 | - | 20 |
| 551973 | 3 | 25.0 | 16.0 | M8 | 20.0 | 35 |
| 551974 | 3 | 50.0 | 28.0 | M8 | 28.0 | 20 |
| 551975 | 3 | 60.0 | 45.0 | M10 | 28.0 | 10 |
| 551976 | 3 | 25.0 | 16.0 | M8 | - | 35 |
| 551977 | 3 | 50.0 | 28.0 | M8 | - | 20 |
| 551978 | 3 | 60.0 | 45.0 | M10 | - | 10 |
| 551979 | 4 | 20.0 | 15.0 | M6 | 10.0 | 45 |
| 551980 | 4 | 30.0 | 30.0 | M8 | 20.0 | 20 |
| 551981 | 4 | 50.0 | 50.0 | M10 | 28.0 | 20 |
| 551982 | 4 | 70.0 | 58.0 | M12 | 32.0 | 5 |
| 551983 | 4 | 20.0 | 15.0 | M6 | - | 45 |
| 551984 | 4 | 30.0 | 30.0 | M8 | - | 20 |
| 551985 | 4 | 50.0 | 50.0 | M10 | - | 20 |
| 551986 | 4 | 70.0 | 58.0 | M12 | - | 5 |
| 551987 | 5 | 12.0 | 12.0 | M4 | 10.0 | 35 |
| 551988 | 5 | 25.0 | 12.0 | M6 | 18.0 | 35 |
| 551989 | 5 | 45.0 | 21.0 | M8 | 46.0 | 20 |
| 551990 | 5 | 50.0 | 50.0 | M10 | 28.0 | 20 |
| 551991 | 5 | 12.0 | 12.0 | M4 | - | 35 |
| 551992 | 5 | 25.0 | 12.0 | M6 | - | 35 |
| 551993 | 5 | 45.0 | 21.0 | M8 | - | 20 |
| 551994 | 5 | 50.0 | 50.0 | M10 | - | 20 |

Type 5



Type 6



| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | "A" | "B" | "C" | "G x H" | |
| 551995 | 6 | 43.0 | 30.0 | 35.0 | M10 x 27 | 20 |
| 551996 | 6 | 63.0 | 57.5 | 50.0 | M10 x 31 | 10 |
| 551997 | 6 | 43.0 | 30.0 | 35.0 | M10 | 20 |
| 551998 | 6 | 63.0 | 57.5 | 50.0 | M10 | 10 |

SR 6502

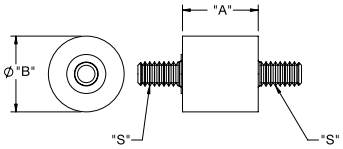
# Vibration Mounts

**Rubber: Black Neoprene, Shore A 40, -40 to 80°C**
**Screw: 1010-1020 Steel**
**Finish: Yellow zinc chromate**

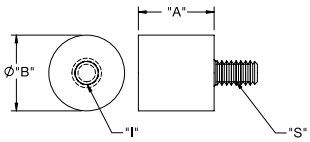
- Insert nut thread can be blind hole or through hole nut



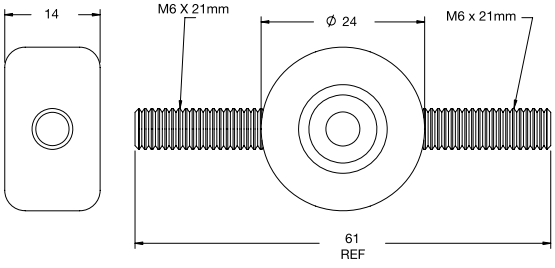
Type 1




Type 2




Type 3



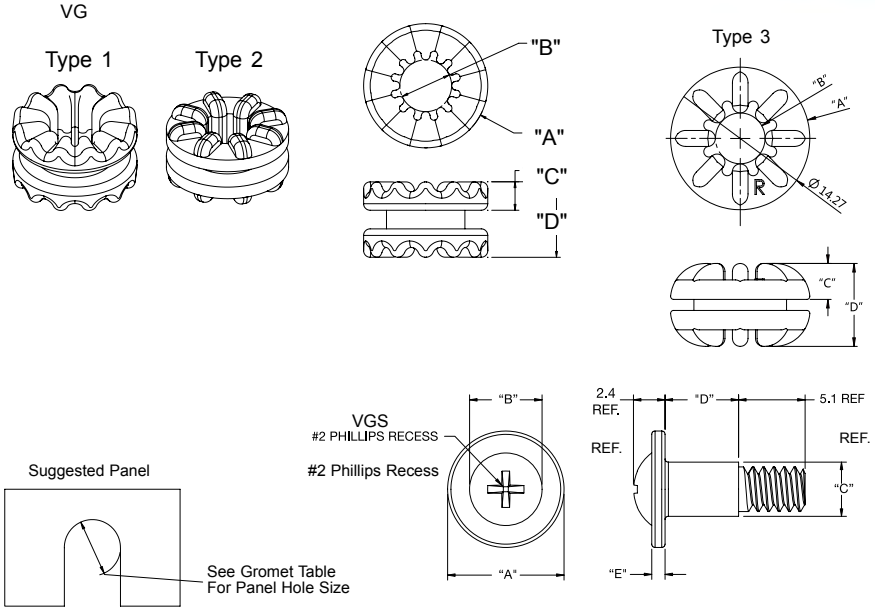

| Part Number | Type | Dimensions (mm) | | Stud Thread "S" | Insert Thread "I" | 15% Deflection | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | "A" | "B" | | | | |
| QM1 | 1 | 11.1 | 11.1 | #6-32 x ¼ | – | 4 | 100 |
| QM4 | 1 | 12.7 | 14.3 | #8-32 x ⅜ | – | 7 | 100 |
| QM5 | 1 | 19.1 | 25.4 | #1/4-20 x ½ | – | 20 | 100 |
| QM7 | 1 | 14.3 | 12.7 | #10-32 x ⅜ | – | 1 | 100 |
| QM1T | 2 | 11.1 | 11.1 | #6-32 x ¼ | #6-32 x 3/16 | 2 | 100 |
| QM2T | 2 | 11.1 | 11.1 | #6-32 x ½ | #6-32 x 3/16 | 3 | 100 |
| QM3T | 2 | 12.7 | 11.1 | #8-32 x ⅜ | #8-32 x 3/16 | 4 | 100 |
| QM4T | 2 | 12.7 | 14.3 | #8-32 x ⅜ | #8-32 x 3/16 | 13 | 100 |
| QM7T | 2 | 14.3 | 12.7 | #10-32 x ⅜ | #10-32 x 3/16 | 5 | 100 |
| QM8* | 3 | Pls refer to drawing above | | | | 5 | 100 |

VG/VGS

# Vibration Grommet and Screw

**Grommets: Black SBR, 60 Shore A, RMS-190**
**Screws: 1022 Carbon Steel, RMS-352**
**Finish: Zinc Plated, RMS-354**






## Grommets

| Part Number | Type | Dimensions (mm) | | | | | | Mating Screws | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | "A" | "B" | Panel Thickness | Panel Hole Ø | Dim. "C" Typ. | Dim. "D" REF. | | |
| VG-1 | 1 | 9.7 | 4 | 1.45 | 6.35 | 2.2 | 5.9 | VGS-1 / VGS-4 | 1000 |
| VG-2 | 1 | 14.4 | 4.8 | 1.60 | 9.53 | 3.3 | 8.2 | VGS-2 / VGS-5 | 1000 |
| VG-3 | 1 | 9.7 | 4 | 0.79 | 6.35 | 2.5 | 5.9 | VGS-1 / VGS-4 | 1000 |
| VG-4 | 1 | 14.4 | 4.8 | 1.09 | 9.53 | 3.6 | 8.2 | VGS-2 / VGS-5 | 1000 |
| VG-5 | 2 | 9.5 | 3.6 | 1.4 | 5.5 | 2.1 | 5.5 | VGS-3 / VGS-6 | 1000 |

## Screws

| Part Number | | Shock pads | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Thread: 6-32 UNC-2A | Thread: M3 X 0.5 | | "A" | "B" REF. | "C" | "D" | "E" | |
| VGS-1 | VGS-4 | VG-1, VG-3 | 8.9 | 5.5 | 4.1 | 5.2 | 1.3 | 1000 |
| VGS-3 | VGS-6 | VG-5 | 8.9 | 5.5 | 3.7 | 5 | 1.3 | 1000 |
| Shock pads sold separately | | | | | | | | |

ESSENTRA COMPONENTS



# HANDLES: WITHIN YOUR GRASP

## Cabinet Handles

Check out our new range of Cabinet Handles with their robust and ergonomic design. These top-quality handles come in a variety of styles and sizes with different mounting position to suit a variety of applications.



## Lobe Knobs

We have a large range of Lobe Knobs offering styles and designs in a variety of sizes and materials. Our products offer user benefits such as resistance to solvents, oils, greases and other chemical agents, ensuring a safer operation. Available with multiple mounting styles for maximum design and operational opportunities.





FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# HANDLES, KNOBS AND POSITIONING COMPONENTS


**Pull Handles**

**598-610**





**Flush Handles**

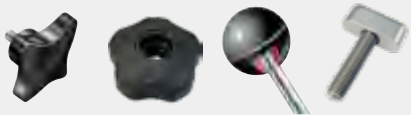
**611-614**

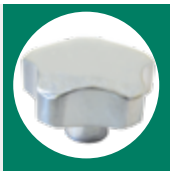




**Handwheels and Knobs**

**615-631**





**Clamping Handles**

**632-633**





**Index Plungers**

**634-636**





**Grips**

**637-639**



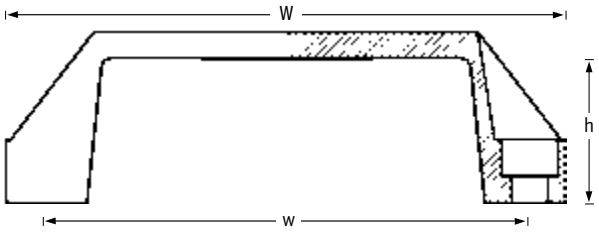


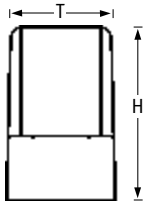
SR 1534

# Bridge Handles

**Black Nylon 6**

- Impact-resistant material, yet lightweight and versatile
- Type 1 Plain Bore: for use with a socket head cap screw
- Threaded Insert: brass threaded insert for underside attachment
- Coloured caps available as separate items for aesthetic appearance or colour-coding requirements
- Type 2: Rectangular base and plain bore for use with a socket head cap screw




Applies to all types



Type 1



Type 2

## Plain Bore (Type 1)

| Part Number | Dimensions (mm) | | | | | Thread or Bore | To fit socket head cap screw | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | W | H | w | h | T | | | |
| 20087883* | 119.5 | 35 | 93.4 | 29 | 26 | 6.5 | M6 | 100 |
| 20087890* | 145.0 | 40 | 117.0 | 34 | 29 | 8.5 | M6 | 100 |
| 20087906† | 163.0 | 45 | 132.0 | 38 | 31 | 8.5 | M8 | 100 |

Use with: *Small Colour Caps †Large Colour Caps

## Threaded Insert (Type 1)

| Part Number | Dimensions (mm) | | | | | To fit socket head cap screw | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | W | H | w | h | T | | |
| 20084479* | 119.5 | 35 | 93.4 | 29 | 26 | M6 | 100 |
| 20087913* | 145.0 | 40 | 117 | 34 | 29 | M6 | 100 |
| 20087920* | 145.0 | 40 | 117.0 | 34 | 29 | M8 | 100 |
| 20087937† | 163.0 | 45 | 132.0 | 38 | 31 | M8 | 100 |

Use with: *Small Colour Caps †Large Colour Caps

## Plain Bore (Type 2)

| Part Number | Dimensions (mm) | | | | | Thread or Bore | To fit socket head cap screw | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | W | H | w | h | T | | | |
| 086-1E | 140 | 40 | 122 | 32 | 24 | 6.2 | - | 50 |
| 20087944 | 134 | 41 | 117 | 35 | 26 | 8 | M8 | 100 |

## Small Colour Caps*

| Part Number | Colour | Std Pack Qty |
|---|---|---|
| 20084493 | Red | 200 |
| 20084516 | Blue | 200 |
| 20084684 | Yellow | 200 |
| 20087951 | Black | 200 |
| 20084752 | Orange | 200 |

## Large Colour Caps*

| Part Number | Colour | Std Pack Qty |
|---|---|---|
| 20084769 | Red | 200 |
| 20084776 | Blue | 200 |
| 20084783 | Yellow | 200 |
| 20087968 | Black | 200 |

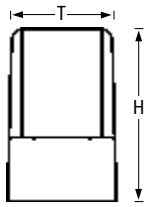
Color Caps for use with Type 1 only

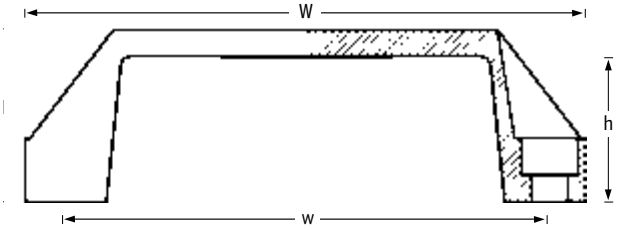
SR 1534

# Bridge Handles

**Black Glass Filled Nylon 6**

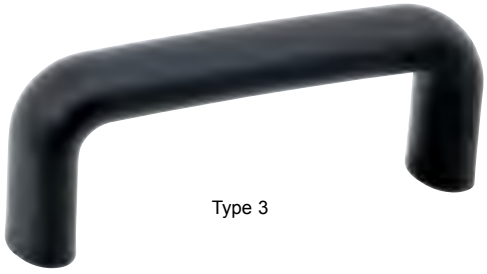
- Types 3-5 with female threaded brass bush




## Threaded Insert (Type 3)

| Part Number | Dimensions (mm) | | | | | Thread or Bore | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | W | H | w | h | T | | |
| 465941 | 132 | 50 | 117 | 34 | 25 | M6 | 100 |
| 465942 | 132 | 50 | 117 | 34 | 25 | M8 | 100 |



Type 3

## Threaded Insert (Type 4)

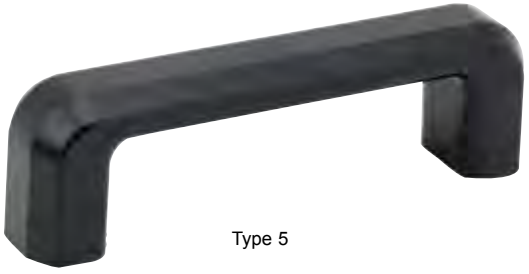
| Part Number | Dimensions (mm) | | | | | Thread or Bore | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | W | H | w | h | T | | |
| 465939 | 156 | 56 | 132 | 33 | 34 | M8 | 100 |
| 465940 | 156 | 56 | 132 | 33 | 34 | M10 | 100 |



Type 4

## Threaded Insert (Type 5)

| Part Number | Dimensions (mm) | | | | | Thread or Bore | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | W | H | w | h | T | | |
| 465933 | 137 | 41 | 120 | 39 | 28 | M6 | 100 |
| 465934 | 137 | 41 | 120 | 39 | 28 | M8 | 100 |



Type 5

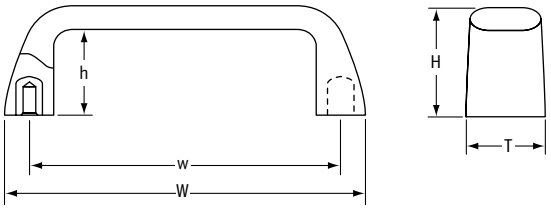
SR 1586

# Standard Pull Handles

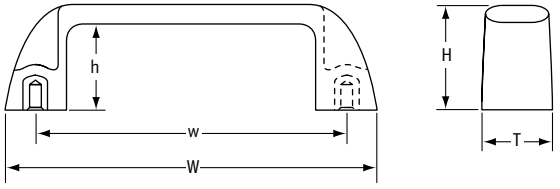
**Glass-Filled Thermoplastic or Duroplast**

- Economical strong handles
- Type 1, 2 & 4 with brass female threaded blind bush
- Type 3 with plain through-hole and recess for screw
- Type 4 with gloss finish

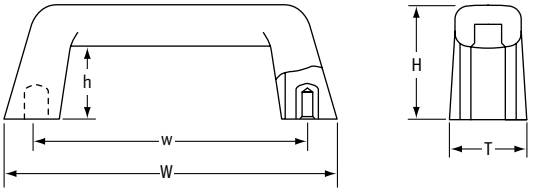




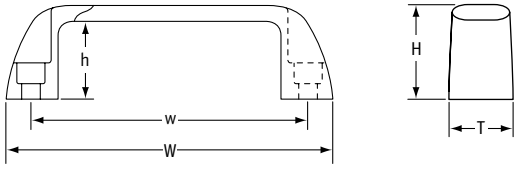

Type 1




Type 2




Type 4




Type 3

| Part Number | Type | Material | Dimensions (mm) | | | | | Thread Size | Hole Size (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | w | W | T | H | h | | | |
| 462228 | 1 | T | 105.0 | 121 | 26 | 37 | 29 | M5 x 9 | - | 100 |
| 462229 | 1 | T | 105.0 | 121 | 26 | 37 | 29 | M6 x 9 | - | 100 |
| 462230 | 1 | T | 110.0 | 133 | 26 | 40 | 32 | M5 x 9 | - | 100 |
| 462231 | 1 | T | 110.0 | 133 | 26 | 40 | 32 | M6 x 9 | - | 100 |
| 462232 | 1 | T | 117.0 | 133 | 26 | 40 | 32 | M5 x 9 | - | 100 |
| 462233 | 1 | T | 117.0 | 133 | 26 | 40 | 32 | M6 x 9 | - | 100 |
| 462234 | 1 | T | 117.0 | 133 | 26 | 40 | 32 | M8 x 9 | - | 100 |
| 462235 | 2 | T | 93.5 | 112 | 21 | 36 | 30 | M6 x 9 | - | 100 |
| 462236 | 2 | T | 117.0 | 139 | 26 | 41 | 34 | M8 x 9 | - | 100 |
| 462237 | 2 | T | 132.0 | 156 | 27 | 45 | 37 | M6 x 9 | - | 100 |
| 462238 | 2 | T | 132.0 | 156 | 27 | 45 | 37 | M8 x 9 | - | 100 |
| 462239 | 2 | T | 179.0 | 204 | 28 | 50 | 42 | M8 x 9 | - | 100 |
| 462240 | 3 | T | 93.5 | 112 | 21 | 36 | 30 | - | 10.5 | 100 |
| 462241 | 3 | T | 117.0 | 139 | 26 | 41 | 34 | - | 10.5 | 100 |
| 462242 | 3 | T | 117.0 | 139 | 26 | 41 | 34 | - | 13.0 | 100 |
| 462243 | 3 | T | 132.0 | 156 | 27 | 45 | 37 | - | 10.5 | 100 |
| 462244 | 3 | T | 132.0 | 156 | 27 | 45 | 37 | - | 13.0 | 100 |
| 462245 | 3 | T | 179.0 | 204 | 28 | 50 | 42 | - | 13.0 | 100 |
| 462246 | 4 | D | 105.0 | 140 | 30 | 48 | 30 | M6 x 13 | - | 100 |
| 462247 | 4 | D | 110.0 | 140 | 30 | 48 | 30 | M6 x 9 | - | 100 |
| 462248 | 4 | D | 117.0 | 140 | 30 | 48 | 30 | M8 x 15 | - | 100 |
| 462249 | 4 | D | 120.0 | 140 | 30 | 48 | 30 | M6 x 9 | - | 100 |
| 462250 | 4 | D | 120.0 | 140 | 30 | 48 | 30 | M8 x 9 | - | 100 |
| 462251 | 4 | D | 132.0 | 160 | 36 | 56 | 36 | M8 x 15 | - | 50 |
| 462252 | 4 | D | 132.0 | 160 | 36 | 56 | 36 | M10 x 16 | - | 50 |

T= Thermoplastic D= Duroplast

SR 5586

# Plastic Finger Carrying Handle

**PA6**

- Carrying handle
- Easy and quick to install
- Supplied with screws and DIN 125 washers
- To be operated with 1, 2 or 3 fingers
- Applications include data/server racks



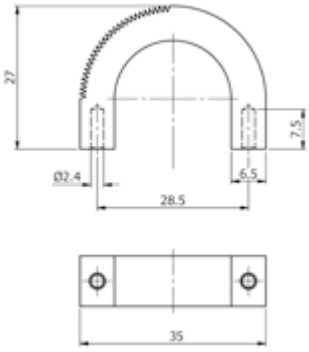
Type 1

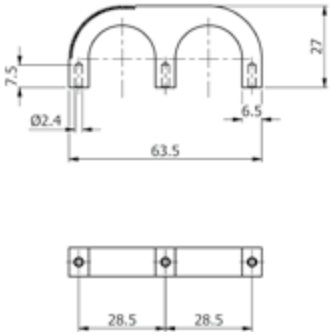


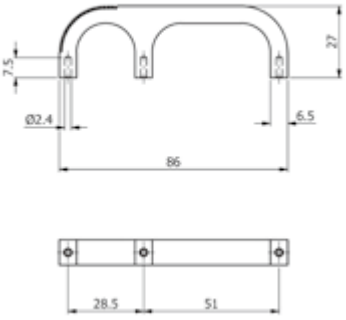
Type 2



Type 3




| Part Number | Type | Colour | Carrying Capacity N | Std Pack Qty |
|---|---|---|---|---|
| 1852811 | 1 | Grey | 250 | 2 |
| 1852011 | 1 | Black | 250 | 2 |
| 1852021 | 2 | Black | 400 | 2 |
| 1852031 | 3 | Black | 400 | 2 |

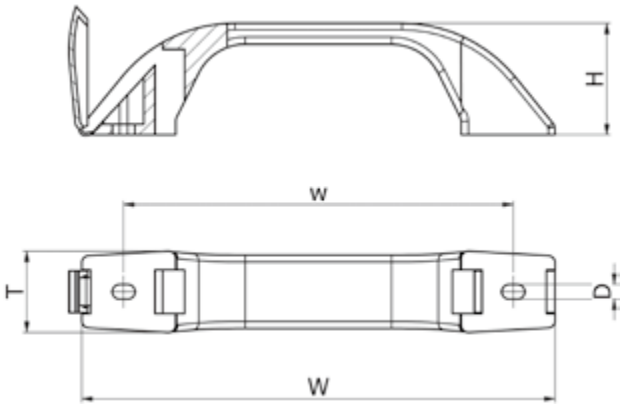
SR 5587

# Bow Handle - Concealed Fixing

**Black PPN**

- Ergonomic handle
- Curved shape with rounded cross section
- Front mounting with snap shut flaps to cover fixing
- Suitable for cheese head screws



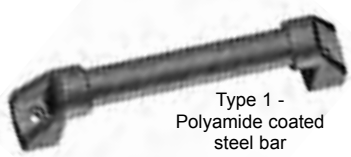



| Part Number | Dimensions (mm) | | | | | Carrying Capacity N | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | w | W | H | T | D | | |
| 081201 | 66.5 | 83.1 | 19.0 | 13.7 | 3.2 | 50 | 2 |
| 081202 | 89.9 | 112.4 | 25.0 | 18.6 | 3.2 | 80 | 2 |
| 081203 | 112.0 | 140.0 | 32.0 | 23.2 | 4.2 | 150 | 2 |
| 081204 | 138.0 | 174.0 | 39.0 | 29.0 | 5.1 | 250 | 1 |

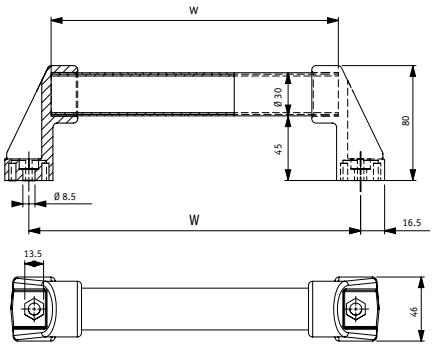
SR 5534

# Machine Handles

- Strong handle suitable for machine applications
- Type 1 & 2 can be ordered as component parts
- Type 3 & 4 - die-cast zinc alloy
- Type 1 - Polyamide with steel bar
- Type 2 - Polyamide with aluminium bar



Type 1 -
Polyamide coated
steel bar

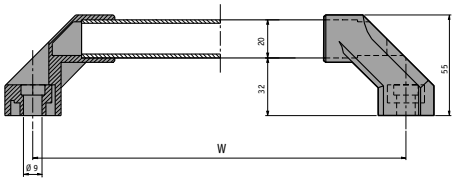



Type 1

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | W | w | |
| 187300E | 300 | 269 | 25 |
| 187400E | 400 | 369 | 30 |
| 187500E | 500 | 469 | 20 |
| 187600E | 600 | 569 | 20 |
| 187700E | 700 | 669 | 20 |
| 187800E | 800 | 769 | 10 |
| 1871000E | 1000 | 969 | 10 |



Type 2 -
Aluminium bar




Type 2

| Part Number | W (mm) | Std Pack Qty |
|---|---|---|
| 087200E | 200 | 75 |
| 087300E | 300 | 50 |
| 087400E | 400 | 50 |
| 087500E | 500 | 50 |



Type 1: Middle Holder



Type 1/2 Handle Ends



Type 2: 1m Long Aluminium Bar



Type 1: 1m Long Steel Bar

Type 1&2 Component Parts

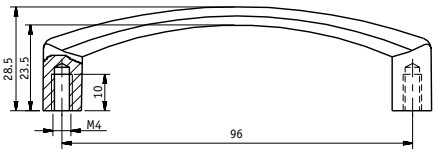
| Part Number | W (mm) | Std Pack Qty |
|---|---|---|
| 34002501E | Type 1 Middle Holder | 25 |
| 35002006E | Type 1 Handle Ends | 25 |
| 35002002E | Type 2 Handle Ends | 50 |
| 320036001000E | Type 1: 1m Long Steel Bar | 10 |
| 32006015E | Type 2: 1m Long Aluminium Bar | 25 |

All dimensions in mm

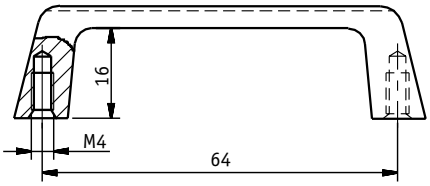
*CONTINUED ON NEXT PAGE*

SR 5534

## Machine Handles *CONTINUED*




Type 3




Type 4



Type 3



Type 4

| Part Number | Type | Finish | Std Pack Qty |
|---|---|---|---|
| 08411E | 2 | Chrome Plated | 50 |
| 08412E | 2 | Black Powder Coated | 50 |
| 08511E | 3 | Chrome Plated | 50 |
| 08512E | 3 | Black Powder Coated | 50 |

All dimensions in mm

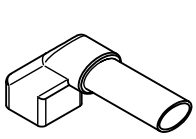
SR 5563

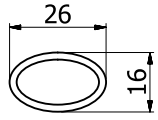
## Oval ErgonMachine Handles

**Polyamide with matt anodised aluminium bar**

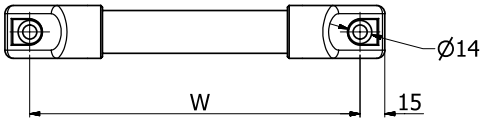
• Oval design is stylish and ergonomic

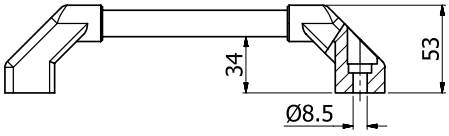







Oval Design




| Part Number | W (mm) | Std Pack Qty |
|---|---|---|
| 287200E | 200 | 50 |
| 287300E | 300 | 50 |
| 287400E | 400 | 50 |
| 287500E | 500 | 50 |

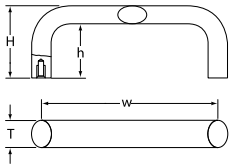
SR 5102

# Aluminium Handles

**Aluminium**



Type 1

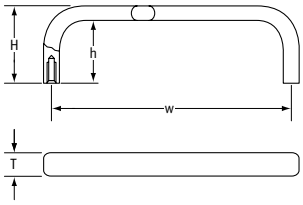



Type 1

| Part Number | Colour | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | H | h | T | w | | |
| 463283 | Black | 50 | 37 | 20 | 100 | M6 x 12 | 10 |
| 463284 | Black | 50 | 37 | 20 | 112 | M6 x 12 | 10 |
| 463286 | Black | 50 | 37 | 20 | 120 | M6 x 12 | 10 |
| 463287 | Black | 55 | 38 | 26 | 120 | M8 x 14 | 10 |
| 463288 | Black | 50 | 37 | 20 | 128 | M6 x 12 | 10 |
| 463289 | Black | 55 | 38 | 26 | 128 | M8 x 14 | 10 |
| 463290 | Black | 50 | 37 | 20 | 160 | M6 x 12 | 10 |
| 463291 | Black | 55 | 38 | 26 | 160 | M8 x 14 | 10 |
| 463292 | Black | 55 | 38 | 26 | 180 | M8 x 14 | 10 |
| 463293 | Black | 55 | 38 | 26 | 192 | M8 x 14 | 10 |
| 463294 | Black | 55 | 38 | 26 | 350 | M8 x 14 | 10 |



Type 2

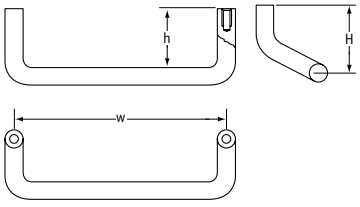



Type 2

| Part Number | Colour | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | H | h | T | w | | |
| 491379 | Silver | 41 | 33 | 12 | 55 | M5 | 10 |
| 491380 | Silver | 41 | 33 | 12 | 88 | M5 | 10 |
| 491381 | Silver | 41 | 33 | 12 | 100 | M5 | 10 |
| 491382 | Silver | 41 | 33 | 12 | 120 | M5 | 10 |
| 491383 | Silver | 41 | 33 | 12 | 180 | M5 | 5 |
| 491384 | Silver | 41 | 33 | 12 | 235 | M5 | 5 |



Type 3

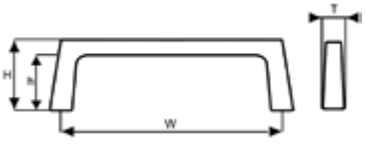



Type 3

| Part Number | Colour | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | H | h | T | w | | |
| 463305 | Black | 40 | 30 | - | 86 | M5 x 10 | 10 |
| 463306 | Black | 40 | 30 | - | 120 | M5 x 10 | 10 |
| 463307 | Black | 40 | 30 | - | 180 | M5 x 10 | 10 |



Type 4




Type 4

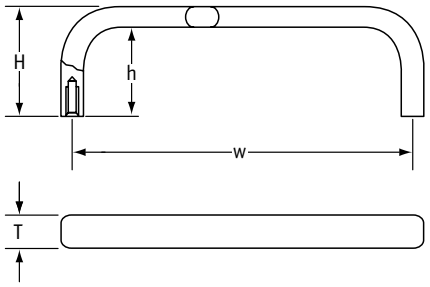
| Part Number | Colour | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | H | h | T | w | | |
| 491385 | Silver | 32 | 25 | 10.5 | 100 | M6 | 10 |
| 491386 | Silver | 50 | 40 | 14.5 | 125 | M6 | 10 |
| 491387 | Silver | 40 | 30 | 18.8 | 130 | M6 | 10 |

SR 5112

## Steel Pull Handles

**Chrome Plated Steel**
**Insert Material: Steel**

• Each handle comes complete with nickel-plated dress ring, screws and washers





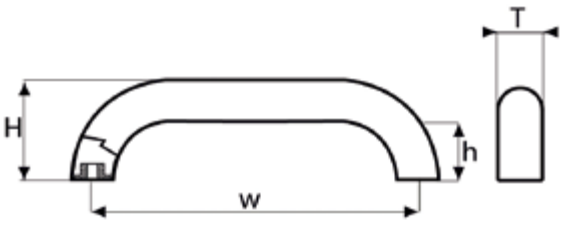

| Part Number | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| | H | h | T | W | | |
| 491388 | 24 | 19 | 5 | 88 | M3 | 10 |
| 491389 | 33 | 25 | 8 | 88 | M4 | 10 |
| 491390 | 33 | 25 | 8 | 96 | M4 | 10 |
| 491391 | 33 | 31 | 8 | 120 | M4 | 10 |
| 491392 | 41 | 31 | 10 | 120 | M5 | 10 |
| 491393 | 41 | 31 | 10 | 180 | M5 | 5 |
| 491394 | 41 | 31 | 10 | 235 | M5 | 5 |

SR 5101

## Standard Stainless Steel Handles

**Electro Polished Stainless Steel**

• Lightweight large handles





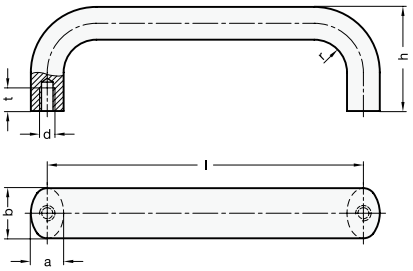

| Part Number | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| | H | h | T | w | | |
| 491377 | 59.0 | 35.0 | 25.0 | 195.0 | M6 | 2 |
| 491378 | 75.0 | 50.0 | 25.0 | 300.0 | M6 | 2 |

## Cabinet "U" Handle Back Mount

**Aluminum**

P131070





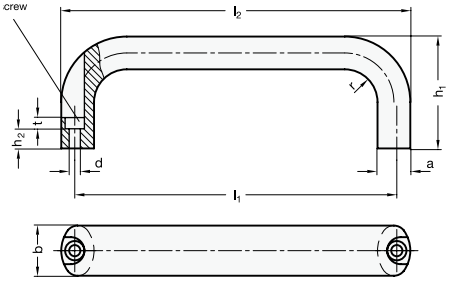

- Handles are made from a bent aluminum profile and have excellent stability and ergonomic design. Due to the production process, special designs can be supplied
- Coated with a highly weather-resistant and UV-protective powder coating system, making this version excellent for outdoor use
- Handle colour - Black, RAL 9005, textured finish
- Standard elements with antimicrobial plastic coating are primarily used in the health care sector and in public buildings, such as airports, train stations, stadiums, etc.
- Available in a front and back mount

| Part Number | Dimensions | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | b | length l ±0,25 | a | d | h | r | t min | |
| 1337626 | 20 | 100 | 13 | M6 | 49 | 13 | 10 | 2 |
| 1337627 | 20 | 112 | 13 | M6 | 49 | 13 | 10 | 2 |
| 1337628 | 20 | 117 | 13 | M6 | 49 | 13 | 10 | 2 |
| 1337629 | 20 | 120 | 13 | M6 | 49 | 13 | 10 | 2 |
| 1337630 | 20 | 128 | 13 | M6 | 51 | 13 | 10 | 2 |
| 1337631 | 20 | 160 | 13 | M6 | 51 | 13 | 10 | 2 |
| 1337632 | 20 | 180 | 13 | M6 | 51 | 13 | 10 | 2 |
| 1337633 | 20 | 200 | 13 | M6 | 51 | 13 | 10 | 2 |
| 1337634 | 20 | 235 | 13 | M6 | 51 | 13 | 10 | 2 |
| 1337635 | 26 | 112 | 17 | M8 | 49 | 17 | 12 | 2 |
| 1337636 | 26 | 117 | 17 | M8 | 49 | 17 | 12 | 2 |
| 1337637 | 26 | 120 | 17 | M8 | 49 | 17 | 12 | 2 |
| 1337638 | 26 | 125 | 17 | M8 | 51 | 17 | 12 | 2 |
| 1337639 | 26 | 128 | 17 | M8 | 51 | 17 | 12 | 2 |
| 1337640 | 26 | 160 | 17 | M8 | 57 | 17 | 12 | 2 |
| 1337641 | 26 | 179 | 17 | M8 | 57 | 17 | 12 | 2 |
| 1337642 | 26 | 192 | 17 | M8 | 57 | 17 | 12 | 2 |
| 1337643 | 26 | 300 | 17 | M8 | 57 | 17 | 12 | 2 |
| 1337644 | 26 | 400 | 17 | M8 | 57 | 17 | 12 | 2 |
| 1337645 | 26 | 50 | 17 | M8 | 57 | 17 | 12 | 2 |

## Cabinet "U" Handle Front Mount

**Aluminum**

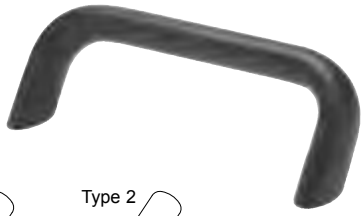


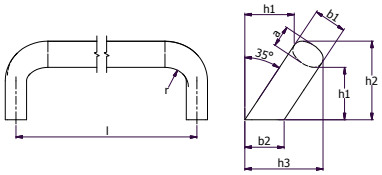


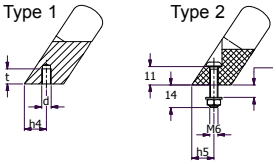

| Part Number | Dimensions | | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | b | length l ±0,25 | a | d | h1 | h2 | l2 | r | t | |
| 1337646 | 20 | 100 | 13 | 5.4 | 49 | 13.5 | 112 | 13 | 5.5 | 2 |
| 1337647 | 20 | 112 | 13 | 5.4 | 49 | 13.5 | 124 | 13 | 5.5 | 2 |
| 1337648 | 20 | 120 | 13 | 5.4 | 49 | 13.5 | 132 | 13 | 5.5 | 2 |
| 1337649 | 20 | 128 | 13 | 5.4 | 51 | 13.5 | 140 | 13 | 5.5 | 2 |
| 1337650 | 20 | 160 | 13 | 5.4 | 51 | 13.5 | 172 | 13 | 5.5 | 2 |
| 1337651 | 26 | 116 | 17 | 6.4 | 55 | 11 | 130 | 17 | 6 | 2 |
| 1337652 | 26 | 120 | 17 | 6.4 | 55 | 11 | 134 | 17 | 6 | 2 |
| 1337653 | 26 | 132 | 17 | 6.4 | 55 | 11 | 146 | 17 | 6 | 2 |
| 1337654 | 26 | 164 | 17 | 6.4 | 57 | 11 | 178 | 17 | 6 | 2 |
| 1337655 | 26 | 179 | 17 | 6.4 | 57 | 11 | 193 | 17 | 6 | 2 |
| 1337656 | 26 | 196 | 17 | 6.4 | 57 | 11 | 210 | 17 | 6 | 2 |

## Inclined Cabinet U Handles

- Inclined cabinet "U" Handles are produced from profiled aluminum extrusions
- Black powder coated finish
- Type 1: Mounting from the back (threaded blind bore)
- Type 2: Mounting from the operators side







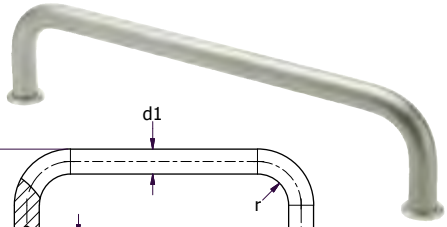


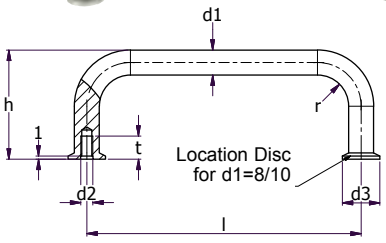
Max. Clamping Length 6.0

| Part Number | Type | Mounting | Dimensions (mm) | | | | | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | b1 | Length l ±0,25 | a | b2 | d | h1 | h2 | h3 | h4+1 | h5+1 | r | t (min.) | |
| 1220487 | 1 | From the Back | 20 | 112 | 13 | 24 | M6 | 32 | 48 | 50 | 13.5 | - | 13 | 10 | 2 |
| 1220488 | 1 | From the Back | 20 | 128 | 13 | 24 | M6 | 32 | 48 | 50 | 13.5 | - | 13 | 10 | 2 |
| 1220489 | 1 | From the Back | 26 | 128 | 17 | 32 | M8 | 34 | 54 | 57 | 18 | - | 17 | 12 | 2 |
| 1220490 | 2 | From Operator Side | 26 | 128 | 17 | 32 | M8 | 34 | 54 | 57 | 18 | 13 | 17 | - | 2 |
| 1220491 | 1 | From the Back | 26 | 160 | 17 | 32 | M8 | 34 | 54 | 57 | 18 | - | 17 | 12 | 2 |
| 1220492 | 2 | From Operator Side | 26 | 160 | 17 | 32 | M8 | 34 | 54 | 57 | 18 | 13 | 17 | - | 2 |

## Stainless Steel Cabinet U Handles

- Made from AISI 303 Stainless Steel with a matt shot-blasted finish
- Location discs included

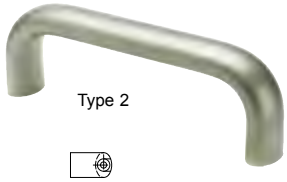


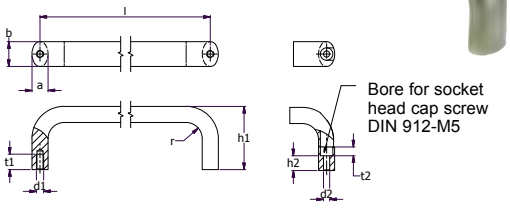



| Part Number | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | d1 | Length l±0,25 | d2 | d3 | h | r | t (min.) | |
| 1220496 | 8 | 64 | M4 | 12 | 35 | 10 | 8 | 2 |
| 1220497 | 8 | 88 | M4 | 12 | 35 | 10 | 8 | 2 |
| 1220498 | 8 | 96 | M4 | 12 | 35 | 10 | 8 | 2 |
| 1220493 | 8 | 100 | M4 | 12 | 35 | 10 | 8 | 2 |
| 1220494 | 8 | 120 | M4 | 12 | 35 | 10 | 8 | 2 |
| 1220495 | 8 | 128 | M4 | 12 | 35 | 10 | 8 | 2 |

## Stainless Steel Cabinet U Handles

- Type 1: Mounting from the back (threaded blind bore). Made from Stainless Steel AISI 304
- Type 2: Mounting from the operator's side Made from AISI CF-8 stainless steel, fine die casting, shot-blasted





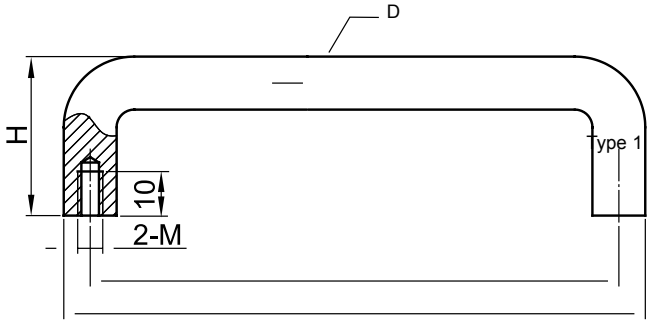

| Part Number | Type | Mounting | Dimensions (mm) | | | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | b | Length l ±0,25 | a | d1 | d2 | h1 | h2 | r | t1 (min.) | t2 | |
| 1220499 | 1 | From the Back | 20 | 112 | 13 | M6 | 5.4 | 49 | 13.5 | 13 | 10 | - | 2 |
| 1220500 | 2 | From Operator Side | 20 | 112 | 13 | M6 | 5.4 | 49 | 13.5 | 13 | - | 5.5 | 2 |
| 1220501 | 1 | From the Back | 20 | 128 | 13 | M6 | 5.4 | 51 | 13.5 | 13 | 10 | - | 2 |
| 1220502 | 2 | From Operator Side | 20 | 128 | 13 | M6 | 5.4 | 51 | 13.5 | 13 | - | 5.5 | 2 |
| 1220503 | 1 | From the Back | 20 | 160 | 13 | M6 | 5.4 | 51 | 13.5 | 13 | 10 | - | 2 |
| 1220504 | 2 | From Operator Side | 20 | 160 | 13 | M6 | 5.4 | 51 | 13.5 | 13 | - | 5.5 | 2 |

## U Handle

**Stainless Steel**

• Surface treatment: mirror polishing





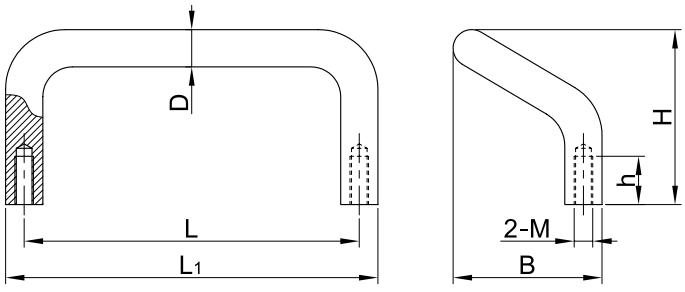

| Part Number | Dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | D | L | H | h | M5 |
| 20043568 | 10 | 80 | 37 | 90 | M5 |

## U Handle

**Stainless Steel**

• Surface treatment: mirror polishing



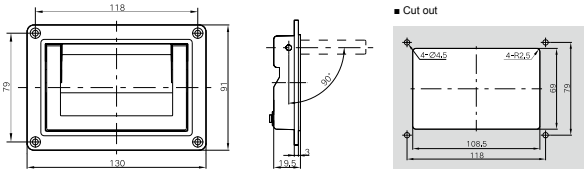

| Part Number | Dimensions (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | L | D | L1 | H | B | H | M |
| 20043803 | 60 | 6 | 66 | 30 | 16 | 7 | 4 |

## Hinged Recessed Handle

**Zinc alloy**

- Surface treatment: Jet black





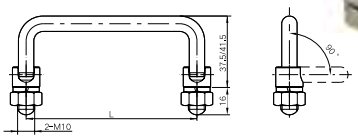

| Part Number | Product unit weight (g) | Std Pack Qty |
|---|---|---|
| 20021733 | 415 | 40 |

## Hinged Handle

**A3, SUS304**

- Surface treatment: bright chrome plating
- Surface treatment: brushed









■ Cut out

| Part Number | Length L | Product unit weight (g) | Std Pack Qty | Material |
|---|---|---|---|---|
| 1437185 | 100 | 129 | 200 | Carbon Steel |
| 20021887 | 100 | 132 | 200 | Stainless Steel |
| 20021863 | 135 | 140 | 200 | Carbon Steel |

**SR 5103**

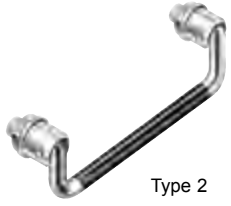
## Hinged Handles

**Black Glass-Filled Nylon**
**or Mild Steel with Plastic Grip**

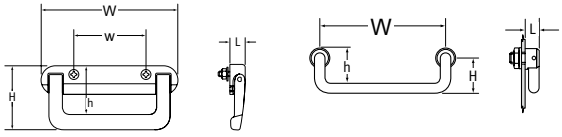
- Type 1: Heavy-duty spring-loaded handle, returns to 'flat' position automatically
- Type 2: Spring arrestment in extended and flush positions



Type 1



Type 2

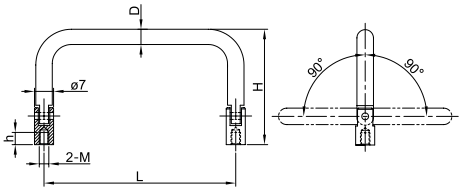



| Part Number | Type | Dimensions (mm) | | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | H | h | W | w | L | | |
| 463397 | 1 | 77 | 59 | 154 | 80 | 18 | M6 x 30 | 1 |
| 463398 | 2 | 34 | 24 | 100 | - | 14 | M10 x 14 | 2 |
| 463399 | 2 | 34 | 24 | 120 | - | 14 | M10 x 14 | 2 |
| 463400 | 2 | 34 | 24 | 180 | - | 14 | M10 x 14 | 2 |

## Hinged Handle

- Stainless Steel
- Surface treatment: mirror polishing






| Product Info | | L | H | h | M |
|---|---|---|---|---|---|
| Part Number | D | | | | |
| 20044527 | 6 | 60 | 44 | 9 | 4 |
| 20044534 | | 70 | | | |
| 20044541 | | 90 | | | |
| 20044558 | | 100 | | | |
| 20044565 | | 120 | | | |

SR 5576

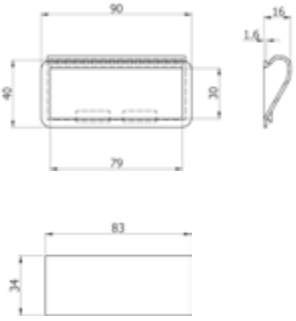
## Snap Fit Recessed Pull Handle

**Black or Grey ABS**

- Deep grip handle
- Carrying capacity 750N / Pair
- Compact and Ergonomic design
- Installed by pushing handle into mounting hole
- Type 2&3 include spring clips for mounting on the internal wall

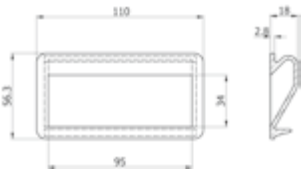


Type 1



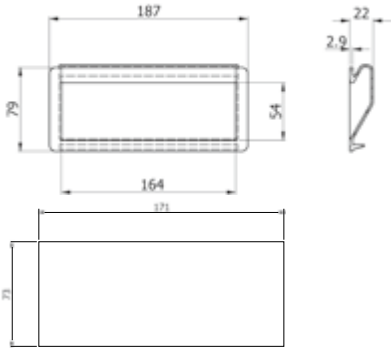



Type 2






Type 3




| Part Number | Colour | Type | Mounting Hole (mm) | Panel Thickness | Std Pack Qty |
|---|---|---|---|---|---|
| 67420 | Black | 1 | 83 x 34 | 0.75 - 1.5 | 1 |
| 67428 | Grey | 1 | 83 x 34 | 0.75 - 1.5 | 1 |
| 77420 | Black | 2 | 103 x 49 | 0.75 - 1.5 | 1 |
| 77428 | Grey | 2 | 103 x 49 | 0.75 - 1.5 | 1 |
| 87420 | Black | 3 | 171 x 73 | 1.5 - 2.0 | 1 |

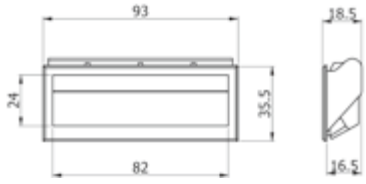
SR 5466

## Low Profile Flush Pull Handle

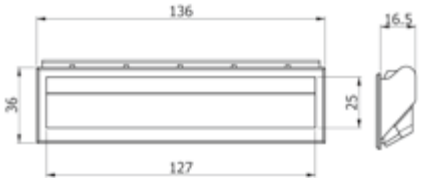
**Black ABS UL94HB**

- Snap-in installation
- To suit 1-2.5mm panel thickness

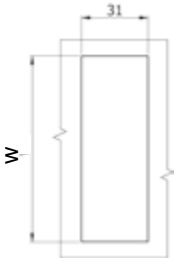





Type 1




Type 2




Door Cut-Out

| Part Number | Type | Dimensions W (mm) | Std Pack Qty |
|---|---|---|---|
| 1239055 | 1 | 87.5 | 20 |
| 1239056 | 2 | 132 | 20 |

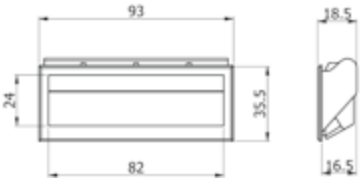
SR 5466

## Low Profile Flush Pull Handle

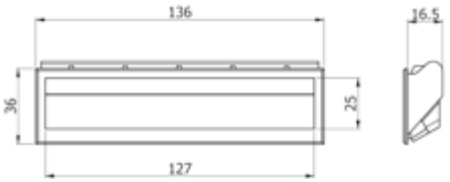
**Black ABS UL94 HB**

- Snap-in installation
- To suit 1-2.5mm panel thickness

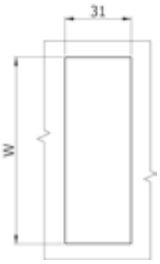





Type 1




Type 2




Door Cut-Out

| Part Number | Type | Dimensions W(mm) | Std Pack Qty |
|---|---|---|---|
| 1239055 | 1 | 87.5 | 20 |
| 1239056 | 2 | 132 | 20 |

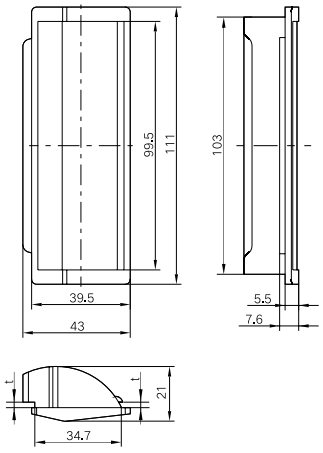
## Flush Pull Handles

**ABS**

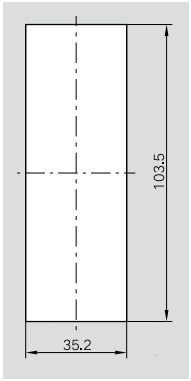
Color: grey

Applicable door thickness: 1.2mm






■ Cut out



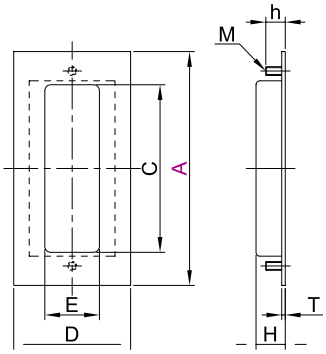

| Part Number | Size | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|---|
| 1437189 | 1.2 | 19 | 400 |

## Flush Pull Handles

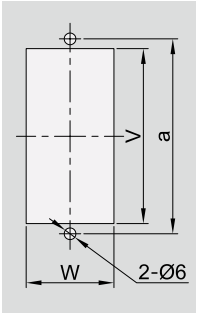
**Stainless steel**

Surface treatment: brushed






■ Cut out



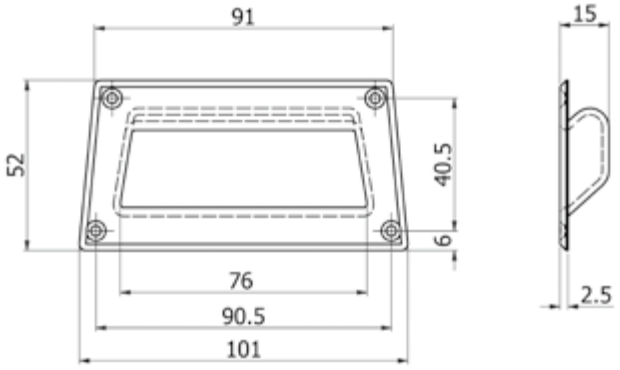

| Product Info | | C | D | E | H | h | T | M | Diameter | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Part Number | A | | | | | | | | a | W | V |
| 1724372 | 90 | 58 | 60 | 28 | 15 | 10 | 1.8 | M4 | 74 | 45 | 61 |

SR 5575

# Ergonomic Screw on Flush Handle

**Black or Grey ABS**

- Deep grip handle
- Carrying capacity 500N / Pair
- Compact and ergonomic design
- M3 fixing offers simple and secure installation






| Part Number | Colour | Std Pack Qty |
|---|---|---|
| 57428 | Grey RAL 7001 | 2 |
| 57420 | Black | 2 |

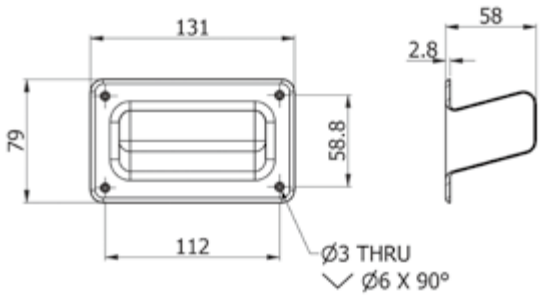
SR 5574

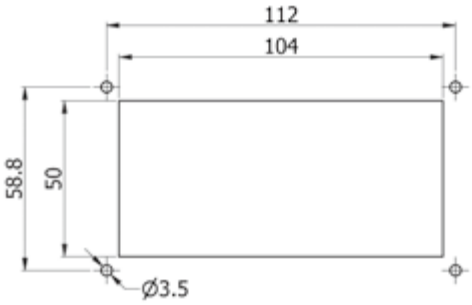
## Deep Screw On Flush Handle

**Black ABS**

- Deep grip handle
- Carrying Capacity 500N / Pair
- M3 fixing offers simple and secure installation






| Part Number | Std Pack Qty |
|---|---|
| 47420 | 2 |

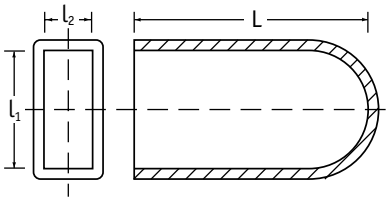
SR 1524

## Rectangular Caps/Sleeves

**Black Flexible PVC**

- Ideal for finishing flat handles
- Excellent electrical insulation properties






Round End(RR)

| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | $l_1$ | $l_1$ (ins) | $l_2$ | $l_2$ (ins) | L | |
| RRWA-91768-060 | 29.7 | - | 2.5 | - | 60 | 500 |
| RRWA-91616-100 | 19.0 | - | 3.0 | - | 100 | 500 |
| RRWA-91783-060 | 17.5 | - | 3.0 | - | 60 | 500 |
| RRWA-91618-100 | 25.0 | - | 3.0 | - | 100 | 500 |
| RRWA-91620-110 | 12.7 | ½ | 3.2 | ⅛ | 110 | 1500 |
| RRWA-91622-110 | 19.1 | ¾ | 3.2 | ⅛ | 110 | 600 |
| RRWA-91624-110 | 25.4 | 1 | 3.2 | ⅛ | 110 | 250 |
| RRWA-91688-110 | 19.0 | - | 6.0 | - | 110 | 500 |
| RRWA-91626-110 | 25.0 | - | 6.0 | - | 110 | 400 |
| RRWA-91689-110 | 30.0 | - | 6.0 | - | 110 | 400 |
| RRWA-91628-110 | 25.4 | 1 | 6.4 | ¼ | 110 | 400 |

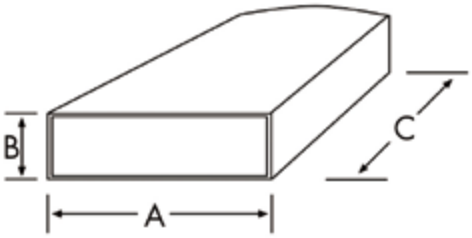
**PTF Series**

## Flat Plastic Tips

- Ideal for use on electrical bushbars and flat steel bars.
- Some sizes are available in thick and standard wall thicknesses.
- Available in high temperature PVC material that can withstand intermittent temperatures up to 220° C.
- Ideal to use in powder coating, sand blasting and any over finishing process.



| Part Number | A mm | B mm | C mm | Std Pack Qty |
|---|---|---|---|---|
| PTF 12 | 12 | 1.6 | 19 | 1000 |
| PTF 15 | 15 | 1.6 | 19 | 1000 |
| PTF 20 | 20 | 1.6 | 19 | 1000 |




Please contact us to check availability and for requirements outside of the shown sizes.

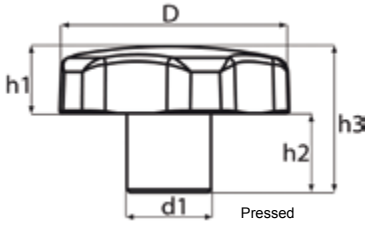
The combination of our own designed/built automatic machinery with the very inexpensive tooling, compared to other moulding processes, enables us to offer you a fast production rate at a highly competetive unit cost. Call us to discuss your requirements.

**SR 5415**

## Stainless Steel Knobs

**Stainless Steel**

- Female Thread





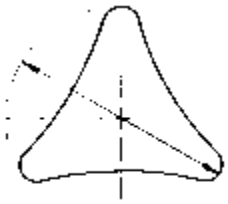

| Part Number | Dimensions (mm) | | | | | Thread Size | Finish | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | D | $h_1$ | $d_1$ | $h_2$ | $h_3$ | | | |
| 491352 | 40.0 | 12.2 | 14.0 | 12.0 | 24.2 | M8 | Matt | 5 |
| 491353 | 50.0 | 13.7 | 18.0 | 18.0 | 31.2 | M10 | Matt | 5 |
| 491354 | 60.0 | 18.0 | 20.0 | 22.0 | 29.0 | M12 | Matt | 5 |

SR 1580

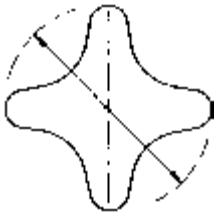
## Handwheels

- Standard Handwheels with moulded in studs and inserts for maximum strength
- Female Lightweight Handwheels applied by inserting an M6 or M8 bolt into the head (not supplied)

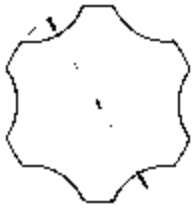




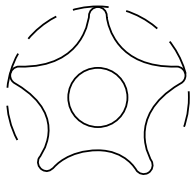
Type 1
Triangular



Type 2
Star



Type 3
Scalloped



Type 4
5 Lobe

### Male - Standard (Black Nylon)

| Part Number | Type | Handwheel Diameter (mm) | Thread Size | Stud Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| 462106 | 1 | 40 | M6 | 16.0 | 500 |
| 497470 | 1 | 40 | M6 | 20.0 | 500 |
| 497483 | 1 | 40 | M6 | 35.0 | 500 |
| 497480 | 1 | 40 | M8 | 15.0 | 500 |
| 497471 | 1 | 40 | M8 | 20.0 | 500 |
| 497481 | 1 | 40 | M8 | 25.0 | 500 |
| 497484 | 1 | 40 | M8 | 35.0 | 500 |
| 497488 | 1 | 60 | M8 | 15.0 | 500 |
| 497473 | 1 | 60 | M8 | 20.0 | 500 |
| 497482 | 1 | 60 | M8 | 30.0 | 250 |
| 497485 | 1 | 60 | M8 | 40.0 | 250 |
| 497489 | 2 | 40 | M6 | 20.0 | 500 |
| 497501 | 2 | 40 | M6 | 35.0 | 500 |
| 497497 | 2 | 40 | M8 | 15.0 | 500 |
| 497491 | 2 | 40 | M8 | 20.0 | 500 |
| 497498 | 2 | 40 | M8 | 25.0 | 1000 |
| 497502 | 2 | 40 | M8 | 35.0 | 500 |
| 497475 | 2 | 60 | M8 | 20.0 | 500 |
| 497486 | 2 | 60 | M8 | 40.0 | 500 |
| 20087821 | 3 | 30 | M6 | 12.0 | 500 |
| 20083809 | 3 | 30 | M6 | 17.0 | 500 |
| 20083731 | 3 | 30 | M6 | 20.0 | 500 |
| 20087845 | 3 | 30 | M8 | 20.0 | 500 |
| 497494 | 3 | 40 | M6 | 20.0 | 500 |
| 497503 | 3 | 40 | M6 | 35.0 | 500 |
| 497499 | 3 | 40 | M8 | 15.0 | 500 |
| 497496 | 3 | 40 | M8 | 20.0 | 500 |
| 497500 | 3 | 40 | M8 | 25.0 | 1000 |
| 497504 | 3 | 40 | M8 | 35.0 | 500 |
| 20083885 | 3 | 50 | M10 | 25.0 | 150 |
| 20087838 | 3 | 50 | M10 | 30.0 | 150 |
| 462122 | 3 | 50 | M8 | 10.0 | 250 |
| 465432 | 3 | 50 | M8 | 20.0 | 250 |
| 465431 | 3 | 50 | M8 | 30.0 | 250 |
| 497478 | 3 | 60 | M8 | 20.0 | 100 |
| 497487 | 3 | 60 | M8 | 40.0 | 250 |
| 462104 | 4 | 45 | M8 | 22.0 | 650 |
| 462105 | 4 | 45 | M8 | 37.5 | 550 |

### Female - Standard (Black Nylon)

| Part Number | Type | Handwheel Diameter (mm) | Thread Size | Std Pack Qty |
|---|---|---|---|---|
| 497493 | 1 | 40 | M6 | 500 |
| 497472 | 1 | 40 | M8 | 500 |
| 497474 | 1 | 60 | M8 | 250 |
| 497490 | 2 | 40 | M6 | 500 |
| 497492 | 2 | 40 | M8 | 500 |
| 497476 | 2 | 60 | M8 | 500 |
| 497495 | 3 | 40 | M6 | 500 |
| 497477 | 3 | 40 | M8 | 500 |
| 465422 | 3 | 50 | M8 | 150 |
| 465424 | 3 | 50 | M10 | 150 |
| 497479 | 3 | 60 | M8 | 250 |
| 465430 | 3 | 60 | M10 | 150 |

### Female - Lightweight (Black Polypropylene)

| Part Number | Type | Handwheel Diameter (mm) | Thread Size | Std Pack Qty |
|---|---|---|---|---|
| 10822 | 1 | 45 | M6 | 1000 |
| 10823 | 3 | 50 | M6 | 1000 |
| 10829 | 3 | 50 | M8 | 1000 |

SR 5460

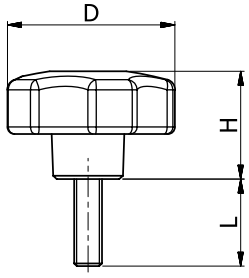
# Polypropylene Scalloped Handwheel

**Polypropylene**

- Lightweight yet strong design
- Available with zinc plated steel or 304 stainless steel threads

Stainless Steel



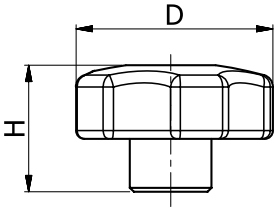



Male

Male

| Part Number | | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Steel | Stainless Steel | | L | D | H | |
| - | 493900 | M6 | 15 | 28 | 25 | 10 |
| 493901 | 493902 | M6 | 20 | 28 | 25 | 10 |
| 493908 | 493907 | M6 | 25 | 40 | 29 | 10 |
| 493910 | 493909 | M8 | 20 | 40 | 29 | 10 |
| 493912 | 493911 | M8 | 30 | 40 | 29 | 10 |
| 493920 | 493919 | M8 | 25 | 50 | 30 | 10 |
| 493929 | 493928 | M10 | 25 | 60 | 35 | 10 |
| 493931 | 493930 | M12 | 30 | 60 | 35 | 10 |



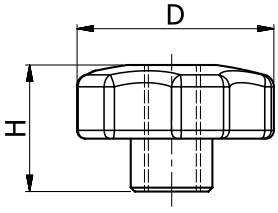



Female

Female

| Part Number | | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Steel | Stainless Steel | | D | H | |
| 493899 | 493898 | M6 | 28 | 25 | 10 |
| 493906 | 493905 | M8 | 40 | 29 | 10 |
| 493918 | 493917 | M8 | 50 | 30 | 10 |
| 493916 | 493915 | M10 | 50 | 30 | 10 |
| 493925 | 493924 | M10 | 60 | 35 | 10 |
| 493927 | 493926 | M12 | 60 | 35 | 10 |






Threaded All the Way Through

Threaded All the Way Through

| Part Number | | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Steel | Stainless Steel | | D | H | |
| 493904 | 493903 | M6 | 28 | 25 | 10 |
| 493914 | 493913 | M8 | 40 | 29 | 10 |
| - | 493923 | M8 | 50 | 30 | 10 |
| 493922 | 493921 | M10 | 50 | 30 | 10 |
| 493933 | 493932 | M12 | 60 | 35 | 10 |

**SR 5460**

# Polypropylene Star Handwheel

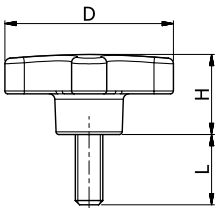
**Polypropylene**

- Lightweight yet strong design
- Available with zinc plated steel or 304 stainless steel threads

Stainless Steel

## Male

| Part Number | | Thread Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Steel | Stainless Steel | | D | L | H | |
| 493936 | 493935 | M6 | 38 | 25 | 23 | 10 |
| 493938 | 493937 | M8 | 38 | 20 | 23 | 10 |
| 493940 | 493939 | M8 | 38 | 30 | 23 | 10 |
| 493947 | 493946 | M8 | 50 | 25 | 26 | 10 |
| 493954 | 493953 | M10 | 60 | 25 | 29 | 10 |
| 493955 | - | M12 | 60 | 30 | 29 | 10 |

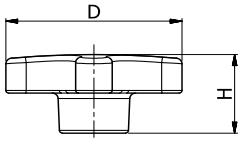



Male



## Female

| Part Number | | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Steel | Stainless Steel | | D | H | |
| 493934 | - | M8 | 38 | 23 | 10 |
| 493945 | 493944 | M8 | 50 | 26 | 10 |
| - | 493943 | M10 | 50 | 26 | 10 |
| 493950 | - | M10 | 60 | 29 | 10 |
| 493952 | 493951 | M12 | 60 | 26 | 10 |

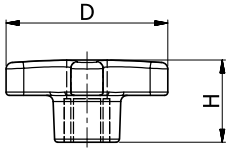



Female



## Threaded All the Way Through

| Part Number | | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| Steel | Stainless Steel | | D | H | |
| 493942 | 493941 | M8 | 38 | 23 | 10 |
| 493949 | 493948 | M10 | 50 | 26 | 10 |




Threaded All the Way Through



SR 5414

# Soft Touch Knobs

**Inner moulding: Polypropylene**
**Over moulding: TPE**

- Provides extra grip and high touch finish
- Type 1 & 3 Insert material: Brass
- Type 2 Stud material: Zinc Plated Steel

Type 1

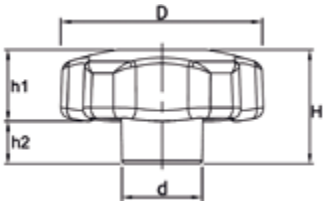


Type 2

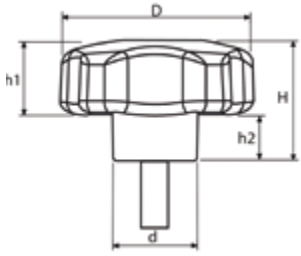


Type 3






Type 1&3




Type 2

| Part Number | Type | Thread Size | Dimensions (mm) | | | | | Stud Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | D | $h_1$ | d | $h_2$ | H | | |
| 491313 | 1 | M5 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | - | 10 |
| 491315 | 1 | M6 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | - | 10 |
| 491323 | 1 | M8 | 40.0 | 17.0 | 18.0 | 12.0 | 30.0 | - | 10 |
| 491329 | 1 | M6 | 50.0 | 19.0 | 21.0 | 12.0 | 31.0 | - | 10 |
| 491331 | 1 | M8 | 50.0 | 19.0 | 21.0 | 12.0 | 31.0 | - | 10 |
| 491336 | 1 | M8 | 60.0 | 21.0 | 23.0 | 13.0 | 35.0 | - | 10 |
| 491338 | 1 | M10 | 60.0 | 21.0 | 23.0 | 13.0 | 35.0 | - | 10 |
| 491317 | 2 | M5 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | 10.0 | 10 |
| 491318 | 2 | M5 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | 15.0 | 10 |
| 491319 | 2 | M5 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | 20.0 | 10 |
| 491320 | 2 | M6 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | 15.0 | 10 |
| 491321 | 2 | M6 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | 20.0 | 10 |
| 491325 | 2 | M6 | 40.0 | 17.0 | 18.0 | 12.0 | 29.0 | 25.0 | 10 |
| 491326 | 2 | M8 | 40.0 | 17.0 | 18.0 | 12.0 | 29.0 | 16.0 | 10 |
| 491327 | 2 | M8 | 40.0 | 17.0 | 18.0 | 12.0 | 29.0 | 25.0 | 10 |
| 491328 | 2 | M8 | 40.0 | 17.0 | 18.0 | 12.0 | 29.0 | 35.0 | 10 |
| 491333 | 2 | M6 | 50.0 | 19.0 | 21.0 | 12.0 | 31.0 | 35.0 | 10 |
| 491334 | 2 | M8 | 50.0 | 19.0 | 21.0 | 12.0 | 31.0 | 35.0 | 10 |
| 491335 | 2 | M8 | 50.0 | 19.0 | 21.0 | 12.0 | 31.0 | 40.0 | 10 |
| 491340 | 2 | M8 | 60.0 | 21.0 | 23.0 | 13.0 | 34.0 | 20.0 | 10 |
| 491341 | 2 | M8 | 60.0 | 21.0 | 23.0 | 13.0 | 34.0 | 30.0 | 10 |
| 491342 | 2 | M10 | 60.0 | 21.0 | 23.0 | 13.0. | 34.0 | 30.0 | 10 |
| 491314 | 3 | M5 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | - | 5 |
| 491316 | 3 | M6 | 28.0 | 16.0 | 12.0 | 10.0 | 26.0 | - | 5 |
| 491322 | 3 | M6 | 40.0 | 17.0 | 18.0 | 12.0 | 30.0 | - | 5 |
| 491324 | 3 | M8 | 40.0 | 17.0 | 18.0 | 12.0 | 30.0 | - | 5 |
| 491330 | 3 | M6 | 50.0 | 19.0 | 21.0 | 12.0 | 31.0 | - | 5 |
| 491332 | 3 | M8 | 50.0 | 19.0 | 21.0 | 12.0 | 31.0 | - | 5 |
| 491337 | 3 | M8 | 60.0 | 21.0 | 23.0 | 13.0 | 35.0 | - | 5 |
| 491339 | 3 | M10 | 60.0 | 21.0 | 23.0 | 13.0 | 35.0 | - | 5 |

SR 6516

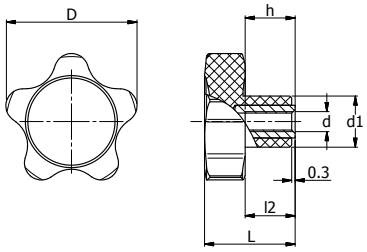
# Lobe Knobs

**Glass Fiber Reinforced PA Polymer**

Resistant to solvents, oils and greases
Five-leaf handle provides superior grip
Color - Black, matte finish
Type 1: Inset Brass Nut Knob
Type 2: Blind hole knob with AISI 303 stainless steel head thread
Type 3: Galvanized Steel Stud Knobs
Type 4: with AISI 303 stainless steel stud knob



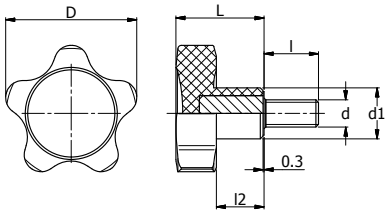
Type 1 Type 2




Type 1&2



Type 3 Type 4




Type 3&4

| Part Number | Type | Dimensions (mm) | | | | Mounting Hole | | Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l | d6g | l2 | | |
| 1218996 | 1 | 25 | 20 | 12 | 10 | M4 | 10 | 7 | 25 |
| 1219009 | 1 | 32 | 22.5 | 14 | 12.5 | M5 | 10 | 15 | 25 |
| 1219010 | 1 | 32 | 22.5 | 14 | 12.5 | M6 | 10 | 14 | 25 |
| 1219023 | 1 | 40 | 26 | 15 | 14 | M6 | 12 | 25 | 25 |
| 1219024 | 1 | 40 | 26 | 15 | 14 | M8 | 13 | 23 | 25 |
| 1219037 | 1 | 50 | 31 | 18 | 17 | M8 | 15 | 44 | 10 |
| 1219036 | 1 | 50 | 31 | 18 | 17 | M10 | 17 | 40 | 10 |
| 1219046 | 1 | 60 | 36.5 | 21 | 21 | M10 | 20 | 63 | 10 |
| 1219047 | 1 | 60 | 36.5 | 21 | 21 | M12 | 20 | 54 | 10 |

| Part Number | Type | Dimensions (mm) | | | | Mounting Hole | | Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l | d6g | l2 | | |
| 1219006 | 2 | 25 | 20 | 12 | 10 | M5 | 10 | 7 | 25 |
| 1219003 | 2 | 25 | 20 | 12 | 10 | M6 | 10 | 7 | 25 |
| 1219014 | 2 | 32 | 22.5 | 14 | 12.5 | M5 | 10 | 15 | 25 |
| 1219016 | 2 | 32 | 22.5 | 14 | 12.5 | M6 | 10 | 15 | 25 |
| 1219031 | 2 | 40 | 26 | 15 | 14 | M8 | 13 | 24 | 25 |
| 1219041 | 2 | 50 | 31 | 18 | 17 | M8 | 15 | 45 | 10 |
| 1219042 | 2 | 50 | 31 | 18 | 17 | M10 | 17 | 42 | 10 |
| 1219051 | 2 | 60 | 36.5 | 21 | 21 | M10 | 17 | 64 | 10 |
| 1219052 | 2 | 60 | 36.5 | 21 | 21 | M12 | 20 | 54 | 10 |

| Part Number | Type | Dimensions (mm) | | | | Mounting Hole | | Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l | d6g | l2 | | |
| 1218997 | 3 | 25 | 20 | 12 | 6 | M4 | 10 | 6 | 25 |
| 1218998 | 3 | 25 | 20 | 12 | 10 | M5 | 10 | 8 | 25 |
| 1218999 | 3 | 25 | 20 | 12 | 20 | M5 | 10 | 10 | 25 |
| 1219000 | 3 | 25 | 20 | 12 | 10 | M6 | 10 | 10 | 25 |
| 1219001 | 3 | 25 | 20 | 12 | 16 | M6 | 10 | 11 | 25 |
| 1219002 | 3 | 25 | 20 | 12 | 35 | M6 | 10 | 15 | 25 |
| 1219011 | 3 | 32 | 22.5 | 14 | 16 | M6 | 12.5 | 15 | 25 |
| 1219012 | 3 | 32 | 22.5 | 14 | 20 | M6 | 12.5 | 16 | 25 |
| 1219013 | 3 | 32 | 22.5 | 14 | 30 | M6 | 12.5 | 19 | 25 |
| 1219015 | 3 | 32 | 22.5 | 14 | 30 | M8 | 12.5 | 18 | 25 |
| 1219025 | 3 | 40 | 26 | 15 | 40 | M6 | 14 | 20 | 25 |
| 1219026 | 3 | 40 | 26 | 15 | 16 | M8 | 14 | 23 | 25 |
| 1219027 | 3 | 40 | 26 | 15 | 20 | M8 | 14 | 28 | 25 |
| 1219028 | 3 | 40 | 26 | 15 | 30 | M8 | 14 | 32 | 25 |
| 1219029 | 3 | 40 | 26 | 15 | 40 | M8 | 14 | 36 | 25 |
| 1219030 | 3 | 40 | 26 | 15 | 70 | M8 | 14 | 42 | 25 |
| 1219038 | 3 | 50 | 31 | 18 | 20 | M10 | 17 | 47 | 10 |
| 1219039 | 3 | 50 | 31 | 18 | 30 | M10 | 17 | 57 | 10 |
| 1219040 | 3 | 50 | 31 | 18 | 40 | M10 | 17 | 66 | 10 |
| 1219048 | 3 | 60 | 36.5 | 21 | 30 | M12 | 21 | 69 | 10 |
| 1219049 | 3 | 60 | 36.5 | 21 | 40 | M12 | 21 | 80 | 10 |
| 1219050 | 3 | 60 | 36.5 | 21 | 50 | M12 | 21 | 91 | 10 |

| Part Number | Type | Dimensions (mm) | | | | Mounting Hole | | Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l | d6g | l2 | | |
| 1219007 | 4 | 25 | 20 | 12 | 10 | M5 | 10 | 8 | 25 |
| 1219008 | 4 | 25 | 20 | 12 | 16 | M5 | 10 | 9 | 25 |
| 1219005 | 4 | 25 | 20 | 12 | 20 | M6 | 10 | 12 | 25 |
| 1219017 | 4 | 32 | 22.5 | 14 | 10 | M6 | 12.5 | 17 | 25 |
| 1219018 | 4 | 32 | 22.5 | 14 | 16 | M6 | 12.5 | 15 | 25 |
| 1219019 | 4 | 32 | 22.5 | 14 | 20 | M6 | 12.5 | 16 | 25 |
| 1219020 | 4 | 32 | 22.5 | 14 | 30 | M6 | 12.5 | 19 | 25 |
| 1219022 | 4 | 32 | 22.5 | 14 | 25 | M8 | 12.5 | 21 | 25 |
| 1219032 | 4 | 40 | 26 | 15 | 16 | M8 | 14 | 26 | 25 |
| 1219033 | 4 | 40 | 26 | 15 | 20 | M8 | 14 | 28 | 25 |
| 1219034 | 4 | 40 | 26 | 15 | 30 | M8 | 14 | 32 | 25 |
| 1219035 | 4 | 40 | 26 | 15 | 40 | M8 | 14 | 36 | 25 |
| 1219043 | 4 | 50 | 31 | 18 | 20 | M10 | 17 | 47 | 10 |
| 1219044 | 4 | 50 | 31 | 18 | 30 | M10 | 17 | 57 | 10 |
| 1219045 | 4 | 50 | 31 | 18 | 40 | M10 | 17 | 67 | 10 |
| 1219055 | 4 | 60 | 36.5 | 21 | 50 | M12 | 21 | 92 | 10 |

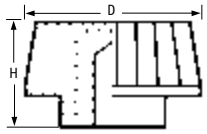
SR 1538

# Grip Knobs

**Black Nylon 6 or Black Phenolic**

- Knurled matt finish provides easy grip
- High-impact resistant durable knob
- Resistant to oils, fuels and greases

Type 1

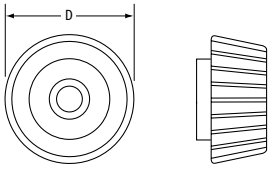





## Type 1 - Matt Finish - High-Impact Resistant Nylon 6 - Male

| Part Number | Dimensions (mm) | | Thread Size | Stud Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| | D | H | | | |
| 20088040 | 15 | 11 | M4 | 10 | 500 |
| 20088057 | 15 | 11 | M5 | 10 | 500 |
| 20088064 | 22 | 16 | M6 | 15 | 500 |
| 20088071 | 22 | 16 | M8 | 15 | 500 |

Type 2





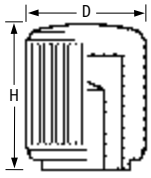

## Type 1 - Matt Finish - High-Impact Resistant Nylon 6 - Female

| Part Number | Dimensions (mm) | | Thread Size | Std Pack Qty |
|---|---|---|---|---|
| | D | H | | |
| 20088026 | 15 | 11 | M4 | 500 |
| 20085353 | 15 | 11 | M5 | 500 |
| 20088033 | 22 | 16 | M6 | 500 |
| 20085384 | 22 | 16 | M8 | 500 |

## Type 2 - Black Nylon - Male

| Part Number | Thread Size | D (mm) | Stud Length (mm) | Std Pack Qty |
|---|---|---|---|---|
| KTSR-15M04M10 | M4 | 15 | 10 | 500 |
| KTSR-15M04M15 | M4 | 15 | 15 | 500 |
| KTSR-15M04M25 | M4 | 15 | 25 | 500 |
| KTSR-23M05M10 | M5 | 23 | 10 | 500 |
| KTSR-23M05M15 | M5 | 23 | 15 | 500 |
| KTSR-23M05M25 | M5 | 23 | 25 | 500 |
| KTSR-23M06M10 | M6 | 23 | 10 | 500 |
| KTSR-23M06M15 | M6 | 23 | 15 | 500 |
| KTSR-23M06M25 | M6 | 23 | 25 | 500 |
| KTSR-23M06M30 | M6 | 23 | 30 | 500 |
| KTSR-23M06M40 | M6 | 23 | 40 | 500 |
| KTSR-28M08M25 | M8 | 28 | 25 | 500 |
| KTSR-28M08M30 | M8 | 28 | 30 | 500 |
| KTSR-28M08M50 | M8 | 28 | 50 | 500 |

Type 3






## Type 2 - Black Nylon - Female

| Part Number | Thread Size | D (mm) | Std Pack Qty |
|---|---|---|---|
| KTSR-15M04F | M4 | 15 | 500 |
| KTSR-23M05F | M5 | 23 | 500 |
| KTSR-23M06F | M6 | 23 | 500 |
| KTSR-28M08F | M8 | 28 | 500 |

## Type 3 - Gloss Finish - Phenolic - Male

| Part Number | Dimensions (mm) | | Thread Size | Stud Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| | D | H | | | |
| 460585 | 14 | 16 | M4 | 10 | 500 |
| 460588 | 20 | 26 | M6 | 15 | 500 |

## Type 3 - Gloss Finish - Phenolic - Female

| Part Number | Dimensions (mm) | | Thread Size | Std Pack Qty |
|---|---|---|---|---|
| | D | H | | |
| 460582 | 14 | 16 | M5 | 500 |
| 460583 | 20 | 26 | M5 | 500 |
| 460584 | 20 | 26 | M6 | 500 |

SR 5415

## Stainless Steel Knobs

**304 stainless steel**

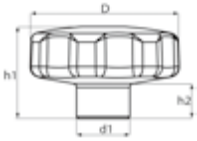
- Female thread
- Type 2: Threaded through hole



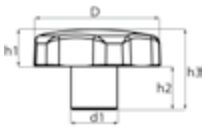
Type 1



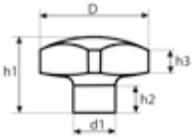
Type 2




Type 1&2




Type 3




Type 4



Type 3



Type 4

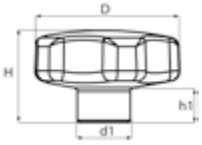
| Part Number | Type | Dimensions (mm) | | | | | Thread Specification | Surface Treatment | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | h1 | d1 | h2 | h3 | | | |
| 491343 | 1 | 40.0 | 24.0 | 14.0 | 8.0 | – | M6 | Matte | 5 |
| 491344 | 1 | 40.0 | 24.2 | 14.0 | 8.0 | – | M8 | Matte | 5 |
| 491345 | 1 | 50.0 | 31.2 | 18.0 | 10.0 | – | M8 | Matte | 5 |
| 491346 | 1 | 50.0 | 31.2 | 18.0 | 10.0 | – | M10 | Matte | 5 |
| 491347 | 1 | 60.0 | 39.0 | 20.0 | 14.3 | – | M10 | Matte | 2 |
| 491348 | 1 | 60.0 | 39.0 | 20.0 | 15.0 | – | M12 | Matte | 2 |
| 491349 | 2 | 40.0 | 24.0 | 14.0 | 8.2 | – | M8 | Matte | 5 |
| 491350 | 2 | 50.0 | 30.9 | 18.0 | 10.0 | – | M10 | Matte | 5 |
| 491351 | 2 | 60.0 | 38.6 | 20.0 | 14.3 | – | M12 | Matte | 2 |
| 491352 | 3 | 40.0 | 12.2 | 14.0 | 12.0 | 24.2 | M8 | Matte | 5 |
| 491353 | 3 | 50.0 | 13.7 | 18.0 | 18.0 | 31.2 | M10 | Matte | 5 |
| 491354 | 3 | 60.0 | 18.0 | 20.0 | 22.0 | 29.0 | M12 | Matte | 5 |
| 491367 | 4 | 31.0 | 21.5 | 12.0 | 8.0 | 6.5 | M6 | Polished | 5 |

SR 5416

## Aluminium Knobs

**Aluminium**

- Type 1 & 2: Female
- Polished






Type 1



Type 2

| Part Number | Type | Dimensions (mm) | | | | Thread Specification | Surface Treatment | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | D | H | d1 | h1 | | | |
| 491355 | 1 | 40.0 | 24.0 | 14.0 | 8.2 | M6 | Matte | 10 |
| 491356 | 1 | 40.0 | 24.0 | 14.0 | 8.2 | M8 | Matte | 10 |
| 491357 | 1 | 50.0 | 31.0 | 18.0 | 9.8 | M10 | Matte | 5 |
| 491358 | 1 | 50.0 | 31.0 | 18.0 | 9.8 | M8 | Matte | 5 |
| 491359 | 1 | 60.0 | 39.0 | 20.0 | 14.3 | M10 | Matte | 5 |
| 491360 | 1 | 60.0 | 39.0 | 20.0 | 14.3 | M12 | Matte | 5 |
| 491361 | 2 | 40.0 | 24.0 | 14.0 | 8.2 | M6 | Polished | 10 |
| 491362 | 2 | 40.0 | 24.0 | 14.0 | 8.2 | M8 | Polished | 10 |
| 491363 | 2 | 50.0 | 30.0 | 18.0 | 9.8 | M8 | Polished | 5 |
| 491364 | 2 | 50.0 | 30.0 | 18.0 | 9.8 | M10 | Polished | 5 |
| 491365 | 2 | 60.0 | 39.0 | 20.0 | 14.3 | M10 | Polished | 5 |
| 491366 | 2 | 60.0 | 39.0 | 20.0 | 14.3 | M12 | Polished | 5 |

SR 6521

# Diamond Cut Knurled Knob with Threaded Blind Hole or Threaded Stud

- The main knob is made of high resilience (PP) polymer, resistant to solvents, oils, greases and other chemical agents.
- Center cap in matt polished technopolymer
- Type 1: Internal brass nut
- Type 2: Galvanized steel studs with chamfered flat head to UNI 947:ISO 4753

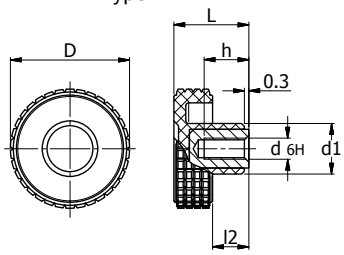
Type 1



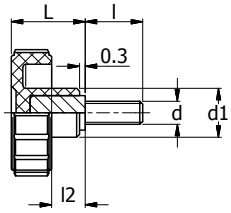
Type 2



Type 1




Type 2




| Part Number | Type | Dimensions (mm) | | | | Mounting Holes | | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l2 | d6H | h | | |
| 1219108 | 1 | 31 | 24 | 15 | 11.5 | M5 | 10 | 12 | 1 |
| 1219109 | 1 | 31 | 24 | 15 | 11.5 | M6 | 12 | 17 | 1 |
| 1219118 | 1 | 39.5 | 26.5 | 17 | 12.5 | M6 | 12 | 22 | 1 |
| 1219119 | 1 | 39.5 | 26.5 | 17 | 12.5 | M8 | 13 | 23 | 1 |
| 1219128 | 1 | 50 | 33 | 20 | 16 | M8 | 20 | 32 | 1 |
| 1219127 | 1 | 50 | 33 | 20 | 16 | M10 | 18 | 34 | 1 |
| 1219135 | 1 | 61 | 39 | 23 | 18.5 | M10 | 20 | 50 | 1 |
| 1219136 | 1 | 61 | 39 | 23 | 18.5 | M12 | 20 | 58 | 1 |
| 1219141 | 1 | 70 | 42 | 24 | 20.5 | M14 | 20 | 78 | 1 |

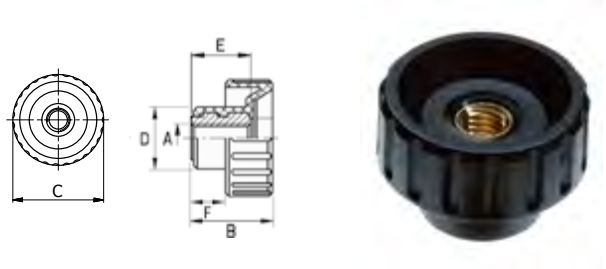
| Part Number | Type | Dimensions (mm) | | | | Mounting Holes | | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l2 | d6g | l | | |
| 1219110 | 2 | 31 | 24 | 15 | 11.5 | M5 | 10 | 13 | 1 |
| 1219111 | 2 | 31 | 24 | 15 | 11.5 | M5 | 20 | 14 | 1 |
| 1219112 | 2 | 31 | 24 | 15 | 11.5 | M5 | 40 | 16 | 1 |
| 1219114 | 2 | 31 | 24 | 15 | 11.5 | M6 | 16 | 14 | 1 |
| 1219115 | 2 | 31 | 24 | 15 | 11.5 | M6 | 20 | 15 | 1 |
| 1219116 | 2 | 31 | 24 | 15 | 11.5 | M6 | 25 | 16 | 1 |
| 1219117 | 2 | 31 | 24 | 15 | 11.5 | M6 | 30 | 17 | 1 |
| 1219120 | 2 | 39.5 | 26.5 | 17 | 12.5 | M6 | 10 | 18 | 1 |
| 1219121 | 2 | 39.5 | 26.5 | 17 | 12.5 | M6 | 20 | 20 | 1 |
| 1219122 | 2 | 39.5 | 26.5 | 17 | 12.5 | M6 | 40 | 24 | 1 |
| 1219123 | 2 | 39.5 | 26.5 | 17 | 12.5 | M8 | 16 | 26 | 1 |
| 1219124 | 2 | 39.5 | 26.5 | 17 | 12.5 | M8 | 30 | 30 | 1 |
| 1219125 | 2 | 39.5 | 26.5 | 17 | 12.5 | M8 | 40 | 33 | 1 |
| 1219126 | 2 | 39.5 | 26.5 | 17 | 12.5 | M8 | 50 | 36 | 1 |
| 1219132 | 2 | 50 | 33 | 20 | 16 | M8 | 16 | 36 | 1 |
| 1219133 | 2 | 50 | 33 | 20 | 16 | M8 | 30 | 38 | 1 |
| 1219134 | 2 | 50 | 33 | 20 | 16 | M8 | 50 | 44 | 1 |
| 1219129 | 2 | 50 | 33 | 20 | 16 | M10 | 20 | 42 | 1 |
| 1219130 | 2 | 50 | 33 | 20 | 16 | M10 | 30 | 47 | 1 |
| 1219131 | 2 | 50 | 33 | 20 | 16 | M10 | 50 | 57 | 1 |
| 1219137 | 2 | 61 | 39 | 23 | 18.5 | M10 | 20 | 58 | 1 |
| 1219138 | 2 | 61 | 39 | 23 | 18.5 | M10 | 50 | 73 | 1 |
| 1219139 | 2 | 61 | 39 | 23 | 18.5 | M12 | 20 | 70 | 1 |
| 1219140 | 2 | 61 | 39 | 23 | 18.5 | M12 | 30 | 78 | 1 |
| 1219142 | 2 | 70 | 42 | 24 | 20.5 | M12 | 50 | 105 | 1 |

SR 6402

## Knurled Handle Nut
## Fluted Grip Knobs with Insert

**PA polymer**

- Brass female with embedded through hole
- Resistant to solvents, oils, greases and other chemicals



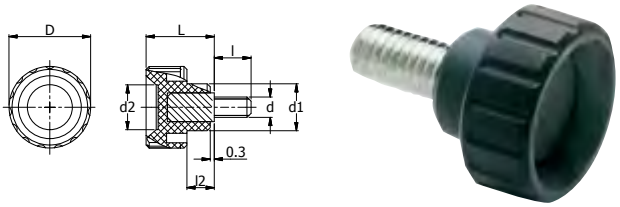

| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | |
| 258041659935 | M4 | 13 | 16 | 11 | 10 | 5 | 10 |
| 258051659935 | M5 | 13 | 16 | 11 | 10 | 5 | 10 |
| 258062559935 | M6 | 19 | 25 | 16 | 14 | 8 | 10 |
| 258083259935 | M8 | 22 | 32 | 17 | 16 | 9 | 10 |

SR 6522

## Fluted Grip Knob with
## Zinc-Plated Steel Threaded Stud

**PA polymer**

- Knurled handle galvanized steel studs,
- Compliant with UNI 947 : ISO 4753 chamfered flat
- Resistant to solvents, oils, greases and other chemical agents
- Color - Black, Matte Finish

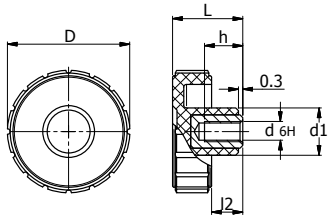



| Part Number | Dimensions (mm) | | | | | Mounting Holes | | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | D | L | d1 | d2 | l2 | d6g | l | | |
| 1219082 | 16 | 13 | 11 | 9 | 5 | M5 | 10 | 6 | 25 |
| 1219083 | 16 | 13 | 11 | 9 | 5 | M5 | 16 | 7 | 25 |
| 1219084 | 20 | 16 | 11.5 | 11 | 6 | M5 | 25 | 9 | 25 |
| 1219085 | 20 | 16 | 11.5 | 11 | 6 | M6 | 10 | 9 | 25 |
| 1219086 | 20 | 16 | 11.5 | 11 | 6 | M6 | 16 | 11 | 25 |
| 1219087 | 20 | 16 | 11.5 | 11 | 6 | M6 | 25 | 13 | 25 |
| 1219088 | 25 | 19 | 16 | 15 | 8 | M8 | 16 | 15 | 25 |
| 1219089 | 25 | 19 | 16 | 15 | 8 | M8 | 25 | 18 | 25 |
| 1219092 | 32 | 22 | 17 | 21 | 9 | M8 | 40 | 25 | 25 |
| 1219090 | 32 | 22 | 17 | 21 | 9 | M10 | 20 | 25 | 25 |
| 1219091 | 32 | 22 | 17 | 21 | 9 | M10 | 30 | 28 | 25 |
| 1219093 | 40 | 27 | 19 | 25 | 13 | M10 | 30 | 37 | 25 |

SR 6523

## Soft Touch Fluted Grip Knob with Blind Hole or Threaded Stud

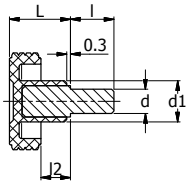
- Type 1 - Brass head threaded hole
- Type 2 - Zinc plated steel studs to UNI 947 : ISO 4753 chamfered flat head
- “Soft touch” elastomer, even in the presence of oil, grease and sweat on hands,
- Can still improve grip
- Material - High Resilience (PP) Polymer
- Colors – Black, Matte Finishes and Other Chemicals
- Soft touch elastomer material has passed FDA
- (US Food and Drug Administration) Certification




Type 1



Type 2




Type 2



Type 2

| Part Number | Type | Dimensions (mm) | | | | Mounting Holes | | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l2 | d6H | h | | |
| 1219094 | 1 | 44 | 24 | 17 | 10 | M6 | 12 | 31 | 10 |
| 1219095 | 1 | 44 | 24 | 17 | 10 | M8 | 13 | 30 | 10 |
| 1219101 | 1 | 54 | 30 | 20 | 12.5 | M10 | 18 | 44 | 10 |

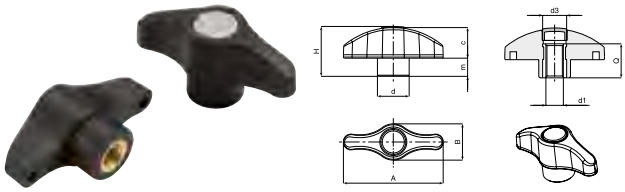
| Part Number | Type | Dimensions (mm) | | | | Mounting Holes | | Product Unit Weight (g) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | L | d1 | l2 | d6g | l | | |
| 1219097 | 2 | 44 | 24 | 17 | 10 | M6 | 20 | 30 | 10 |
| 1219098 | 2 | 44 | 24 | 17 | 10 | M8 | 16 | 33 | 10 |
| 1219099 | 2 | 44 | 24 | 17 | 10 | M8 | 30 | 37 | 10 |
| 1219100 | 2 | 44 | 24 | 17 | 10 | M8 | 50 | 47 | 10 |
| 1219105 | 2 | 54 | 30 | 20 | 12.5 | M8 | 16 | 40 | 10 |
| 1219106 | 2 | 54 | 30 | 20 | 12.5 | M8 | 30 | 50 | 10 |
| 1219107 | 2 | 54 | 30 | 20 | 12.5 | M8 | 50 | 64 | 10 |
| 1219102 | 2 | 54 | 30 | 20 | 12.5 | M10 | 20 | 52 | 10 |
| 1219103 | 2 | 54 | 30 | 20 | 12.5 | M10 | 30 | 57 | 10 |
| 1219104 | 2 | 54 | 30 | 20 | 12.5 | M10 | 50 | 73 | 10 |

SR 6531

## Wingnut with Threaded Through Insert

**Enhanced PA**

- Black RAL 9011
- Caps available upon request



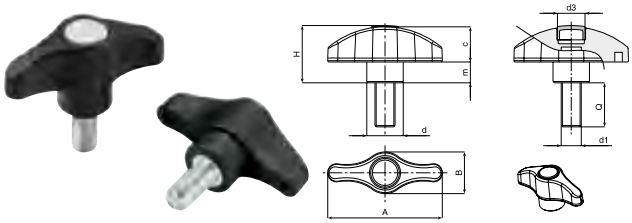
| Part Number | Dimensions (mm) | | | | | | | | | Cap Colour | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | H | m | c | d | d3 | d1 6H | Q | | |
| 1340362 | 44 | 16 | 22 | 8 | 14 | 14 | 10 | M6 | 15 | Grey | 5 |
| 1340363 | 52 | 19 | 26 | 9.5 | 16.5 | 17 | 13 | M8 | 18 | Grey | 5 |
| 1340364 | 52 | 19 | 26 | 9.5 | 16.5 | 17 | 13 | M10 | 18 | Grey | 5 |

SR 6532

## Wingnut with Threaded Stud

**Enhanced PA**

- Black RAL 9011
- Galvanized Steel Studs



| Part Number | Dimensions (mm) | | | | | | | | | Cap Colour | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | H | m | c | d | d3 | d1 6H | Q | | |
| 1340359 | 44 | 16 | 22 | 8 | 14 | 14 | 10 | M6 | 20 | Grey | 5 |
| 1340360 | 52 | 19 | 26 | 9.5 | 16.5 | 17 | 13 | M8 | 20 | Grey | 5 |
| 1340361 | 67 | 24 | 32.5 | 11 | 21.5 | 21 | 16 | M10 | 30 | Grey | 5 |

SR 6533

## Mushroom Knob with Threaded Insert

**Enhanced PA**

- Black RAL 9011
- Embedded copper nut



| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | H | d | d1 | Q | |
| 1340365 | 22 | 17 | 11 | M5 | 8 | 5 |
| 1340366 | 22 | 17 | 11 | M6 | 13 | 5 |
| 1340367 | 32 | 24 | 15 | M6 | 8 | 5 |
| 1340368 | 32 | 24 | 15 | M8 | 13 | 5 |

SR 6534

## Mushroom Knob with Threaded Stud

**Enhanced PA**

- Black RAL 9011
- Galvanized Steel Studs



| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | H | d | d1 | Q | |
| 1340369 | 22 | 17 | 11 | M5 | 30 | 1 |
| 1340370 | 22 | 17 | 11 | M6 | 30 | 1 |
| 1340371 | 32 | 24 | 15 | M6 | 30 | 1 |
| 1340372 | 32 | 24 | 15 | M8 | 40 | 1 |

SR 6127

## Knurled Knobs

**Black or Orange POM**

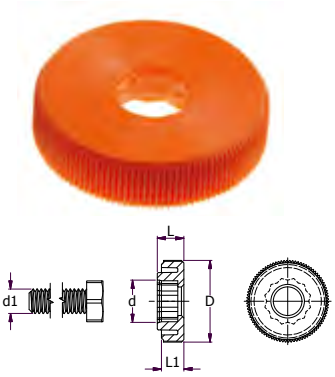
- Easy assembly on bolts and nuts with 1 hammer-stroke
- Suitable for M4, M5, M6, M8 and M10 hexagon bolts and nuts
- In compliance with DIN 555, 601, 934, 558, 571, 931 and 7976

Type 1




| Part Number | | Type | Dimensions | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | Orange | | d1 | d | D | L | L1 | |
| 037040159905 | 037040100905 | 1 | M4 | 7 | 13 | 9.5 | 3.5 | 100 |
| 037040359905 | 037040300905 | 1 | M4 | 7 | 17 | 11.5 | 4.5 | 100 |
| 037050159905 | 037050100905 | 1 | M5 | 8 | 17 | 11.5 | 4.5 | 100 |
| 037050359905 | 037050300905 | 1 | M5 | 8 | 20 | 15 | 5 | 100 |
| 037060159905 | 037060100905 | 1 | M6 | 10 | 20 | 15 | 5 | 100 |
| 037060359905 | 037060300905 | 1 | M6 | 10 | 25 | 18 | 6 | 100 |
| 037080159905 | 037080100905 | 1 | M8 | 13 | 25 | 18 | 6 | 100 |
| 037080359905 | 037080300905 | 1 | M8 | 13 | 36 | 23 | 8 | 100 |
| 037100159905 | 037100100905 | 1 | M10 | 17 | 36 | 23 | 8 | 100 |
| 037100059905 | 037100000905 | 2 | M10 | 17 | 36 | 10 | 8 | 100 |
| 037040059905 | 037040000905 | 2 | M4 | 7 | 13 | 4.5 | 3.5 | 100 |
| 037040259905 | 037040200905 | 2 | M4 | 7 | 17 | 5.5 | 4.5 | 100 |
| 037050059905 | 037050000905 | 2 | M5 | 8 | 17 | 5.5 | 4.5 | 100 |
| 037050259905 | 037050200905 | 2 | M5 | 8 | 20 | 6.5 | 5 | 100 |
| 037060059905 | 037060000905 | 2 | M6 | 10 | 20 | 6.5 | 5 | 100 |
| 037060259905 | 037060200905 | 2 | M6 | 10 | 25 | 8 | 6 | 100 |
| 037080059905 | 037080000905 | 2 | M8 | 13 | 25 | 8 | 6 | 100 |
| 037080259905 | 037080200905 | 2 | M8 | 13 | 36 | 10 | 8 | 100 |

Type 2



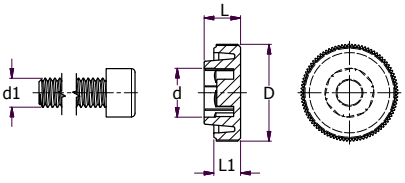

SR 6127

## Knurled Knobs

**Black or Orange POM**

- Easy assembly on socket head screws with 1 hammer-stroke
- Available for inside hexagon bolts M3 upto M10
- DIN 912, 6912, 7984






| Part Number | | Dimensions | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Black | Orange | d1 | d | D | L | L1 | |
| 038030059905 | 038030000905 | M3 | 5.5 | 11 | 4.5 | 3 | 100 |
| 038040059905 | 038040000905 | M4 | 7 | 13 | 5.5 | 3.5 | 100 |
| 038040159905 | 038040100905 | M4 | 7 | 17 | 5.5 | 4.5 | 100 |
| 038050059905 | 038050000905 | M5 | 8.5 | 17 | 6.5 | 4.5 | 100 |
| 038050159905 | 038050100905 | M5 | 8.5 | 20 | 6.5 | 5 | 100 |
| 038060059905 | 038060000905 | M6 | 10 | 20 | 7.5 | 5 | 100 |
| 038060159905 | 038060100905 | M6 | 10 | 25 | 7.5 | 6 | 100 |
| 038080059905 | 038080000905 | M8 | 13 | 25 | 9.5 | 6 | 100 |
| 038080159905 | 038080100905 | M8 | 13 | 36 | 9.5 | 8 | 100 |
| 038100059905 | 038100000905 | M10 | 16 | 36 | 12 | 8 | 100 |

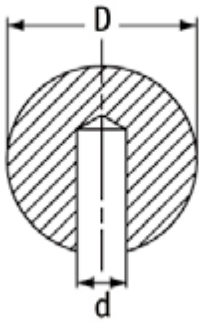
SR 1535

## Ball Knobs

**Black LDPE**

• Simple knock-on fixing for quick assembly






| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | D | d | |
| 3212BLACK | 12 | 4.0 | 10000 |
| 3219BLACK | 12 | 6.0 | 10000 |
| 3619BLACK | 25 | 6.0 | 1250 |
| 3624BLACK | 25 | 7.9 | 1250 |
| 3628BLACK | 25 | 9.5 | 1250 |
| 3724BLACK | 30 | 7.9 | 625 |
| 3728BLACK | 30 | 9.5 | 625 |
| 3731BLACK | 30 | 12.7 | 625 |
| 3732BLACK | 30 | 15.9 | 625 |
| 3831BLACK | 36 | 12.7 | 700 |
| 3832BLACK | 36 | 15.9 | 350 |

SR 1537

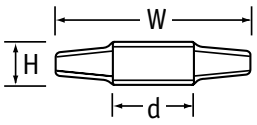
## Knobs for Socket Head Cap Screw

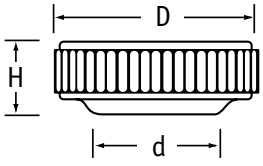
**Black Nylon 6**

• Easy assembly of socket head cap screw into base of knob
• No special tools or glue necessary
• Type 1: T-head provides extra leverage
• Type 2: Knurled edge for increased grip








Tee Knob (Type 1)

| Part Number | Dimensions (mm) | | | To fit socket head cap screw | Std Pack Qty |
|---|---|---|---|---|---|
| | W | H | d | | |
| 20088118 | 26 | 7 | 12 | M5 | 500 |
| 20088125 | 30 | 8 | 13 | M6 | 500 |
| 20088132 | 38 | 10 | 17 | M8 | 500 |

Knurled Knob (Type 2)

| Part Number | Dimensions (mm) | | | To fit socket head cap screw | Std Pack Qty |
|---|---|---|---|---|---|
| | D | H | d | | |
| 20088088 | 13 | 5 | 10 | M4 | 500 |
| 20088095 | 16 | 6 | 12 | M5 | 500 |
| 20088101 | 19 | 8 | 14 | M6 | 500 |

SR 1580

# Premium Handwheels

**Black Phenolic**

- Types 1 and 3 - Male Handwheels with plated steel stud
- Types 1 and 3 - Female Handwheels with plated steel insert
- Types 2 and 4 - Female bush inserted allows male thread to pass through



Type 1 (Male)



Type 3 (Female)



Type 1 (Female)



Type 3 (Male)



Type 2



Type 4

## Male

| Part Number | Type | Handwheel Diameter (mm) | Thread Size | Stud Length | Std Pack Qty |
|---|---|---|---|---|---|
| 462051 | 1 | 32 | M6 | 15 | 200 |
| 462052 | 1 | 32 | M6 | 30 | 200 |
| 462053 | 1 | 40 | M8 | 20 | 125 |
| 462054 | 1 | 40 | M8 | 30 | 125 |
| 460561 | 1 | 50 | M8 | 25 | 100 |
| 462055 | 1 | 50 | M10 | 30 | 100 |
| 462056 | 1 | 50 | M10 | 40 | 100 |
| 460562 | 1 | 60 | M10 | 30 | 100 |
| 460563 | 1 | 80 | M12 | 40 | 50 |
| 462057 | 3 | 32 | M6 | 15 | 200 |
| 462058 | 3 | 32 | M6 | 20 | 200 |
| 462059 | 3 | 32 | M6 | 30 | 200 |
| 462060 | 3 | 40 | M8 | 20 | 100 |
| 462061 | 3 | 40 | M8 | 30 | 100 |
| 462062 | 3 | 50 | M8 | 30 | 80 |
| 462063 | 3 | 50 | M10 | 30 | 80 |
| 462064 | 3 | 63 | M8 | 20 | 50 |
| 462065 | 3 | 63 | M10 | 30 | 40 |
| 462066 | 3 | 63 | M12 | 25 | 40 |

## Female

| Part Number | Type | Handwheel Diameter (mm) | Thread Size | Std Pack Qty |
|---|---|---|---|---|
| 1254995 | 1 | 32 | M6 | 1000 |
| 1254996 | 1 | 40 | M8 | 500 |
| 460558* | 1 | 50 | M8 | 100 |
| 1254997 | 1 | 50 | M10 | 250 |
| 460559* | 1 | 60 | M10 | 100 |
| 462070 | 1 | 63 | M10 | 80 |
| 1254998 | 1 | 63 | M12 | 100 |
| 460560* | 1 | 80 | M12 | 100 |
| 462072 | 1 | 80 | M16 | 35 |
| 462073 | 3 | 32 | M5 | 250 |
| 1254999 | 3 | 32 | M6 | 500 |
| 462075 | 3 | 40 | M6 | 200 |
| 1255000 | 3 | 40 | M8 | 250 |
| 462077 | 3 | 50 | M8 | 100 |
| 1255001 | 3 | 50 | M10 | 250 |
| 462079 | 3 | 50 | M12 | 100 |
| 462080 | 3 | 63 | M8 | 50 |
| 462081 | 3 | 63 | M10 | 50 |
| 1255002 | 3 | 63 | M12 | 100 |
| 462083 | 3 | 80 | M10 | 25 |
| 462084 | 3 | 80 | M12 | 25 |
| 1255003 | 3 | 80 | M16 | 100 |

* With aluminium insert.

## Threaded All The Way Through

| Part Number | Type | Handwheel Diameter (mm) | Thread Size | Std Pack Qty |
|---|---|---|---|---|
| 460564 | 2 | 50 | M8 | 100 |
| 460565 | 2 | 60 | M10 | 100 |
| 460566 | 2 | 80 | M12 | 100 |
| 462086 | 4 | 30 | M5 | 50 |
| 462087 | 4 | 30 | M6 | 50 |
| 462088 | 4 | 30 | M8 | 50 |
| 462089 | 4 | 40 | M6 | 50 |
| 462090 | 4 | 40 | M8 | 50 |
| 462091 | 4 | 40 | M10 | 50 |
| 462092 | 4 | 50 | M10 | 25 |
| 462093 | 4 | 50 | M12 | 25 |
| 462094 | 4 | 60 | M10 | 20 |
| 462095 | 4 | 60 | M12 | 20 |

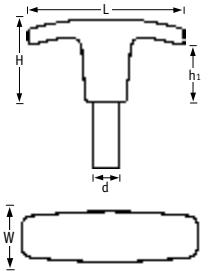
SR 1539

## Tee Knobs

**Black Nylon 6**

- Male version: plated steel threaded stud
- Female version: brass insert






Female: Brass Insert

| Part Number | Dimensions (mm) | | | | | Thread | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | L | H | d | $h_1$ | W | | |
| 20136901 | 60 | 32 | 16 | 23 | 18 | M6 | 100 |
| 20136895 | 71 | 34 | 18 | 19 | 19 | M8 | 100 |
| 20136918 | 80 | 40 | 26 | 26 | 27 | M10 | 100 |

Male: Plated Steel Stud

| Part Number | Dimensions (mm) | | | | | Thread | Stud Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | L | H | d | $h_1$ | W | | | |
| 20136956 | 50 | 25 | 14 | 16 | 16 | M5 | 20 | 100 |
| 20136949 | 60 | 32 | 16 | 23 | 18 | M6 | 25 | 100 |
| 20136925 | 71 | 34 | 18 | 19 | 19 | M8 | 30 | 100 |
| 20136932 | 80 | 40 | 26 | 26 | 27 | M10 | 40 | 100 |

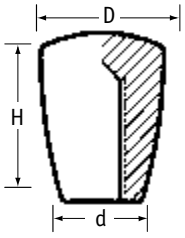
SR 1538

## Tapered Knobs

**Black Nylon 6**

- Durable with high impact resistance
- Type 1: simple knock-on assembly
- Type 2: moulded inner thread
- Resistant to oils, fuels and greases






| Part Number | | Dimensions (mm) | | | Thread or Bore | Std Pack Qty |
|---|---|---|---|---|---|---|
| Type 1 | Type 2 | D | H | d | | |
| 466377 | 466372 | 15 | 20 | 10 | M5 | 500 |
| 466378 | 466373 | 18 | 25 | 12 | M6 | 500 |
| 466379 | 466374 | 24 | 33 | 16 | M8 | 500 |
| 466380 | 466375 | 28 | 38 | 18 | M10 | 500 |
| 466381 | 466376 | 31 | 43 | 21 | M12 | 500 |

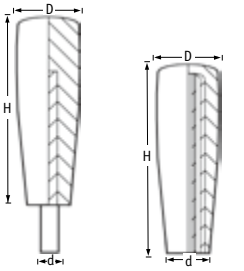
SR 1533

## Long Tapered Knobs

**Black Nylon 6**

- Male version: plated steel threaded stud for increased fixing security
- Female version: simple knock-on assembly onto plain shaft






Male Version

Female Version

Male

| Part Number | Dimensions (mm) | | | Thread | Stud Length | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | H | d | | | |
| 20084790 | 18 | 40.1 | 15 | M6 | 10 | 100 |
| 20084868 | 21 | 50.0 | 17 | M8 | 12 | 100 |
| 20084912 | 23 | 65.0 | 19 | M10 | 15 | 100 |
| 20084936 | 26 | 80.0 | 21 | M12 | 20 | 100 |
| 20084981 | 28 | 90.0 | 22 | M12 | 20 | 100 |

Female

| Part Number | Dimensions (mm) | | | | Bore Diameter | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | H | d | h | | |
| 20087975 | 18 | 40 | 15 | 37 | 8 | 100 |
| 20087982 | 21 | 50 | 17 | 46 | 10 | 100 |
| 20087999 | 23 | 65 | 19 | 61 | 10 | 100 |
| 20088002 | 26 | 80 | 21 | 75 | 12 | 100 |
| 20088019 | 28 | 90 | 22 | 85 | 16 | 100 |

SR 1579

## Wing Knobs

**Black Nylon**

- Zinc-plated steel threaded studs for strength
- Provide a simple means of adjusting and fixing
- Ideal for use in shopfitting and point-of-sale applications



| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Wing | Stud Length | |
| KTSW-28M05M15 | M5 | 28 | 15 | 500 |
| KTSW-28M06M10 | M6 | 28 | 10 | 500 |
| KTSW-28M06M25 | M6 | 28 | 25 | 500 |
| KTSW-33M08M25 | M8 | 33 | 25 | 300 |

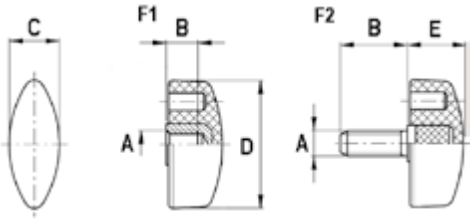
SR 6123

## Wing Knob

**Black Polyamide**

- Glass-fibre reinforced polyamide based technopolymer
- Brass female insert or zinc plated steel stud
- Protruding 0.3 mm metal shoulder ensures a metal-to-metal assembly
- Resistant to solvents, oils, greases and other chemical agents






| Part Number | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | Thread (A) | B | C | D | E | F | |
| 259042059935 | M4 | 6 | 9.5 | 20 | 11 | F1 | 10 |
| 259052559935 | M5 | 6 | 11 | 26 | 13 | F1 | 10 |
| 259063059935 | M6 | 8 | 13 | 32 | 15 | F1 | 10 |
| 259084059935 | M8 | 8 | 15.5 | 40 | 17 | F1 | 10 |
| 259041059935 | M4 | 10 | 9.5 | 20 | 11 | F2 | 10 |
| 259051059935 | M5 | 10 | 11 | 26 | 13 | F2 | 10 |
| 259061659935 | M6 | 16 | 13 | 32 | 15 | F2 | 10 |

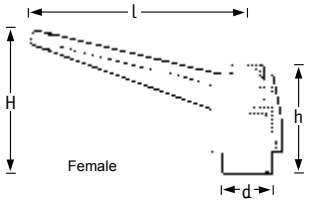
SR 1536

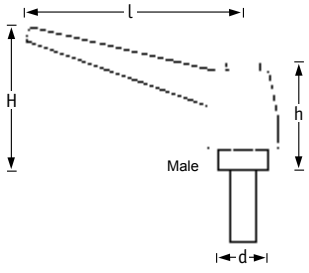
# Indexed Clamping Handles

**Glass Filled Nylon 6**

- Operate by simple lift and rotate action
- Include ratchet for use in tight spaces
- Easy handle adjustment to safe position






## Female – Black

| Part Number | Dimensions (mm) | | | | Thread | Std Pack Qty |
|---|---|---|---|---|---|---|
| | L | h | d | H | | |
| 20084257 | 43 | 26 | 12 | 32 | M6 | 10 |
| 20084264 | 65 | 37 | 15 | 46 | M6 | 10 |
| 20087852 | 65 | 37 | 15 | 46 | M8 | 10 |
| 20509248 | 83 | 46 | 19 | 57 | M10 | 10 |
| 20087869 | 104 | 51 | 24 | 68 | M12 | 10 |

## Male – Black

| Part Number | Dimensions (mm) | | | | Thread | Thread Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | L | h | d | H | | | |
| 20087876 | 43 | 26 | 12 | 32 | M5 | 20 | 10 |
| 20085629 | 43 | 26 | 12 | 32 | M6 | 15 | 10 |
| 20084356 | 43 | 26 | 12 | 32 | M6 | 20 | 10 |
| 20085674 | 43 | 26 | 12 | 32 | M6 | 25 | 10 |
| 20085445 | 65 | 37 | 15 | 46 | M8 | 10 | 10 |
| 20088149 | 65 | 37 | 15 | 46 | M8 | 16 | 10 |
| 20084363 | 65 | 37 | 15 | 46 | M8 | 30 | 10 |
| 20084370 | 65 | 37 | 15 | 46 | M8 | 40 | 10 |
| 20509279 | 83 | 46 | 19 | 57 | M10 | 20 | 10 |
| 20509255 | 83 | 46 | 19 | 57 | M10 | 30 | 10 |
| 20509262 | 83 | 46 | 19 | 57 | M10 | 40 | 10 |
| 20509286 | 83 | 46 | 19 | 57 | M10 | 50 | 10 |
| 20084431 | 104 | 51 | 24 | 68 | M12 | 35 | 10 |
| 20085582 | 104 | 51 | 24 | 68 | M12 | 50 | 10 |

## Female – High Visibility Orange

| Part Number | Dimensions (mm) | | | | Thread Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | L | h | d | H | | |
| 20083984 | 65 | 37 | 15 | 46 | M8 | 10 |

## Male – High Visibility Orange

| Part Number | Dimensions (mm) | | | | Thread | Thread Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | L | h | d | H | | | |
| 20083991 | 43 | 26 | 12 | 32 | M5 | 20 | 10 |
| 20084103 | 43 | 26 | 12 | 32 | M6 | 20 | 10 |
| 20084202 | 65 | 37 | 15 | 46 | M8 | 30 | 10 |
| 20084219 | 65 | 37 | 15 | 46 | M8 | 40 | 10 |
| 20084240 | 104 | 51 | 24 | 68 | M12 | 35 | 10 |

SR 1536

## Heavy Duty Clamping Handles

**Die-Cast Zinc**

- Handle made from pressure die-cast zinc
- Plastic coated handle
- Operate by simple lift and rotate action
- Available with zinc plated or 304 stainless steel thread

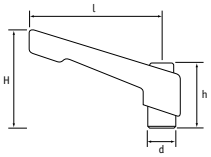
Stainless Steel



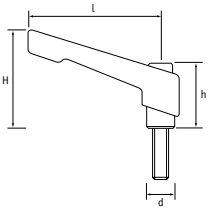
Male

| Steel | Stainless Steel Thread | Dimensions (mm) | | | | Thread Size | Thread Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | L | h | d | H | | | |
| 490928 | 493884 | 42 | 25.0 | 9.7 | 37 | M6 | 20 | 10 |
| 490929 | 493885 | 42 | 25.0 | 9.7 | 37 | M6 | 32 | 10 |
| 490930 | - | 42 | 25.0 | 9.7 | 37 | M6 | 40 | 10 |
| 490931 | - | 65 | 31.5 | 13.5 | 50 | M8 | 16 | 10 |
| 490932 | 493886 | 65 | 31.5 | 13.5 | 50 | M8 | 20 | 10 |
| 490933 | 493887 | 65 | 31.5 | 13.5 | 50 | M8 | 25 | 10 |
| 490934 | 493888 | 65 | 31.5 | 13.5 | 50 | M8 | 32 | 10 |
| 490935 | - | 65 | 31.5 | 13.5 | 50 | M8 | 40 | 10 |
| 490936 | 493890 | 65 | 31.5 | 13.5 | 50 | M8 | 50 | 10 |
| 490937 | 493891 | 78 | 36.0 | 15.7 | 58 | M10 | 20 | 10 |
| 490938 | 493892 | 78 | 36.0 | 15.7 | 58 | M10 | 32 | 10 |
| 490939 | 493893 | 78 | 36.0 | 15.7 | 58 | M10 | 40 | 10 |
| 490940 | - | 78 | 36.0 | 15.7 | 58 | M10 | 50 | 10 |
| 490941 | - | 78 | 36.0 | 15.7 | 58 | M10 | 63 | 10 |
| 490942 | - | 92 | 43.0 | 18.5 | 69 | M12 | 25 | 10 |
| 490943 | 493894 | 92 | 43.0 | 18.5 | 69 | M12 | 32 | 10 |
| 490944 | 493895 | 92 | 43.0 | 18.5 | 69 | M12 | 40 | 10 |
| - | 493896 | 92 | 43.0 | 18.5 | 69 | M12 | 50 | 10 |
| 490945 | - | 92 | 43.0 | 18.5 | 69 | M12 | 63 | 10 |
| - | 493897 | 108 | 51.0 | 22.7 | 79 | M12 | 63 | 10 |
| 490946 | - | 108 | 51.0 | 22.7 | 79 | M16 | 40 | 10 |

Female




Male




Female

| Steel | Stainless Steel Thread | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | L | h | d | H | | |
| 490918 | - | 42 | 25.0 | 9.7 | 37 | M5 | 10 |
| 490919 | 493877 | 42 | 25.0 | 9.7 | 37 | M6 | 10 |
| 490920 | 493878 | 65 | 31.5 | 13.5 | 50 | M6 | 10 |
| 490921 | 493879 | 65 | 31.5 | 13.5 | 50 | M8 | 10 |
| 490922 | 493880 | 78 | 36.0 | 15.7 | 58 | M8 | 10 |
| 490923 | 493881 | 78 | 36.0 | 15.7 | 58 | M10 | 10 |
| 490924 | 493882 | 92 | 43.0 | 18.5 | 69 | M10 | 10 |
| 490925 | 493883 | 92 | 43.0 | 18.5 | 69 | M12 | 10 |
| 490926 | - | 108 | 51.0 | 22.7 | 79 | M12 | 10 |
| 490927 | - | 108 | 51.0 | 22.7 | 79 | M16 | 10 |

SR 1536

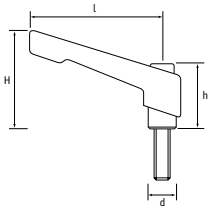
## Reinforced Clamping Handles

**Black Nylon 6 Glass Filled**

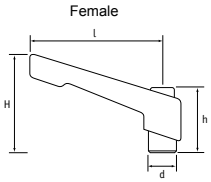
- Zinc Teeth Insert
- Indexing Parts & Thread from Steel
- Operate by simple lift and rotate action
- Include ratchet for use in tight spaces
- Easy handle adjustment to safe position



Male




Female




Male

| Part Number | Dimensions (mm) | | | | Thread | Thread Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | L | h | d | H | | | |
| 490954 | 42 | 25.0 | 9.7 | 37 | M4 | 12 | 10 |
| 490955 | 42 | 25.0 | 9.7 | 37 | M5 | 20 | 10 |
| 490956 | 42 | 25.0 | 9.7 | 37 | M6 | 16 | 10 |
| 490957 | 42 | 25.0 | 9.7 | 37 | M6 | 20 | 10 |
| 490958 | 42 | 25.0 | 9.7 | 37 | M6 | 32 | 10 |
| 490959 | 65 | 31.5 | 13.5 | 50 | M8 | 16 | 10 |
| 490960 | 65 | 31.5 | 13.5 | 50 | M8 | 20 | 10 |
| 490961 | 65 | 31.5 | 13.5 | 50 | M8 | 25 | 10 |
| 490962 | 65 | 31.5 | 13.5 | 50 | M8 | 32 | 10 |
| 490963 | 65 | 31.5 | 13.5 | 50 | M8 | 40 | 10 |
| 490964 | 84 | 36.0 | 15.7 | 61 | M10 | 20 | 10 |
| 490965 | 84 | 36.0 | 15.7 | 61 | M10 | 32 | 10 |
| 490966 | 84 | 36.0 | 15.7 | 61 | M10 | 40 | 10 |
| 490967 | 84 | 36.0 | 15.7 | 61 | M10 | 50 | 10 |
| 490968 | 84 | 36.0 | 15.7 | 61 | M12 | 50 | 10 |

Female

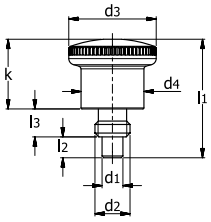
| Part Number | Dimensions (mm) | | | | Thread | Std Pack Qty |
|---|---|---|---|---|---|---|
| | L | h | d | H | | |
| 490947 | 42 | 25.0 | 9.7 | 37 | M5 | 10 |
| 490948 | 42 | 25.0 | 9.7 | 37 | M6 | 10 |
| 490949 | 65 | 31.5 | 13.5 | 50 | M6 | 10 |
| 490950 | 65 | 31.5 | 13.5 | 50 | M8 | 10 |
| 490951 | 84 | 36.0 | 15.7 | 61 | M8 | 10 |
| 490952 | 84 | 36.0 | 15.7 | 61 | M10 | 10 |
| 490953 | 84 | 36.0 | 15.7 | 61 | M12 | 10 |

**SR 6554**

# Main Indexing Plunger

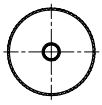
- Type 1: Galvanized steel base. Stainless steel AISI 303 plunger and AISI 301 spring
- Type 2: Stainless steel AISI 303 socket and plunger, AISI 301 spring
- Style 1: PA, knob without rest position matt black
- Variant 2: PA with black matt knob in rest position

Type 1

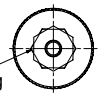



Type 2





Style 1



6” Positioning

Style 2

| Part Number | Type | Style | Dimensions (mm) | | | | | | | | | The spring load is N≈ | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | d1 plunger h9 bore +0,03/+0,08 | d2 (metric quasi thread) | d2 (metric fine thread) | d3 | d4 | l1 | Smallest l2 | l3 | k | Start | End | |
| 1220742 | 1 | 1 | 4 | M8 | - | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220743 | 1 | 2 | 4 | M8 | - | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220744 | 1 | 1 | 4 | - | M8 x 1 | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220745 | 1 | 2 | 4 | - | M8 x 1 | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220746 | 1 | 1 | 5 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220747 | 1 | 2 | 5 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220748 | 1 | 1 | 5 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220749 | 1 | 2 | 5 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220750 | 1 | 1 | 6 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220751 | 1 | 2 | 6 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220752 | 1 | 1 | 6 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220753 | 1 | 2 | 6 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220754 | 1 | 1 | 6 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220755 | 1 | 2 | 6 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220756 | 1 | 1 | 6 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220757 | 1 | 2 | 6 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220758 | 1 | 1 | 7 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220759 | 1 | 2 | 7 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220760 | 1 | 1 | 7 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220761 | 1 | 2 | 7 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220762 | 1 | 1 | 8 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220763 | 1 | 2 | 8 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220764 | 1 | 1 | 8 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220765 | 1 | 2 | 8 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220766 | 1 | 1 | 10 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220767 | 1 | 2 | 10 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220768 | 1 | 1 | 10 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220769 | 1 | 2 | 10 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |

| Part Number | Type | Style | Dimensions (mm) | | | | | | | | | The spring load is N≈ | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | d1 plunger h9 bore +0,03/+0,08 | d2 (metric quasi thread) | d2 (metric fine thread) | d3 | d4 | l1 | Smallest l2 | l3 | k | Start | End | |
| 1220770 | 2 | 1 | 4 | M8 | - | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220771 | 2 | 2 | 4 | M8 | - | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220772 | 2 | 1 | 4 | - | M8 x 1 | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220773 | 2 | 2 | 4 | - | M8 x 1 | 21 | 15 | 27.5 | 5 | 6 | 16.5 | 4 | 12 | 10 |
| 1220774 | 2 | 1 | 5 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220775 | 2 | 2 | 5 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220776 | 2 | 1 | 5 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220777 | 2 | 2 | 5 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220778 | 2 | 1 | 6 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220779 | 2 | 2 | 6 | M10 | - | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220780 | 2 | 1 | 6 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220781 | 2 | 2 | 6 | - | M10 x 1 | 25 | 18 | 34 | 6 | 8 | 20 | 6 | 16 | 10 |
| 1220782 | 2 | 1 | 6 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220783 | 2 | 2 | 6 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220784 | 2 | 1 | 6 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220785 | 2 | 2 | 6 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220786 | 2 | 1 | 7 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220787 | 2 | 2 | 7 | M12 | - | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220788 | 2 | 1 | 7 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220789 | 2 | 2 | 7 | - | M12 x 1,5 | 28 | 20 | 40.5 | 7 | 10 | 23.5 | 10 | 23 | 10 |
| 1220790 | 2 | 1 | 8 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220791 | 2 | 2 | 8 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220792 | 2 | 1 | 8 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220793 | 2 | 2 | 8 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220794 | 2 | 1 | 10 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220795 | 2 | 2 | 10 | M16 | - | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220796 | 2 | 1 | 10 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |
| 1220797 | 2 | 2 | 10 | - | M16 x 1,5 | 33 | 23 | 47.5 | 10 | 12 | 25.5 | 11 | 35 | 10 |

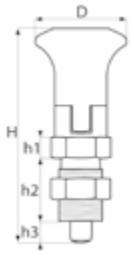
SR 5405

## Index Plunger - With or Without 90° Locking Rest Position

Stainless Steel

**Knob: High Impact Resistant Thermoplastic**
**Insert: Burnished or Stainless Steel**

- Matt Finish
- Used for locating, positioning, indexing and securing
- Allow for rapid adjustments on a variety of platforms, fixtures and tables
- Suitable for gym equipment, medical aids, catering equipment, conveyors etc




Type 1 & 2



Type 1



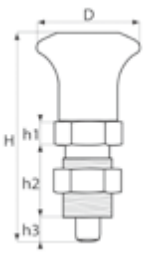
Type 2



Type 3



Type 4




Type 3 & 4

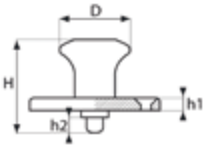
| Part Number | Thread Size | Type | Locking Rest Position | Insert Material | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | D | H | $h_1$ | $h_2$ | $h_3$ | Plunger Diameter | |
| 491224 | M10 x 1.0 | 1 | Yes | Burnished Steel | 21 | 51.0 | 5 | 17 | 5 | 5.0 | 5 |
| 491225 | M12 x 1.5 | 1 | Yes | Burnished Steel | 25 | 61.0 | 6 | 20 | 6 | 6.0 | 5 |
| 491226 | M16 x 1.5 | 1 | Yes | Burnished Steel | 31 | 77.0 | 8 | 26 | 7 | 8.0 | 5 |
| 491227 | M10 x 1.0 | 2 | Yes | Stainless Steel | 21 | 51.0 | 5 | 17 | 5 | 5.0 | 2 |
| 491228 | M12 x 1.5 | 2 | Yes | Stainless Steel | 25 | 61.0 | 6 | 20 | 6 | 6.0 | 2 |
| 491229 | M16 x 1.5 | 2 | Yes | Stainless Steel | 31 | 77.0 | 8 | 26 | 7 | 8.0 | 2 |
| 491234 | M10 x 1.0 | 3 | No | Burnished Steel | 21 | 45.0 | 5 | 17 | 5 | 5.0 | 5 |
| 491235 | M10 x 1.0 | 3 | No | Burnished Steel | 21 | 51.0 | 5 | 17 | 5 | 5.0 | 5 |
| 491232 | M12 x 1.5 | 3 | No | Burnished Steel | 25 | 45.0 | 5 | 10 | 6 | 6.0 | 5 |
| 491236 | M12 x 1.5 | 3 | No | Burnished Steel | 25 | 61.0 | 6 | 20 | 6 | 6.0 | 5 |
| 491233 | M16 x 1.5 | 3 | No | Burnished Steel | 31 | 55.0 | 6 | 12 | 8 | 8.0 | 5 |
| 491237 | M16 x 1.5 | 3 | No | Burnished Steel | 31 | 77.0 | 8 | 26 | 7 | 8.0 | 5 |
| 491230 | M12 x 1.5 | 4 | Yes | Burnished Steel | 25 | 45.0 | 5 | 10 | 6 | 6.0 | 5 |
| 491231 | M16 x 1.5 | 4 | Yes | Burnished Steel | 31 | 55.0 | 6 | 12 | 8 | 8.0 | 5 |

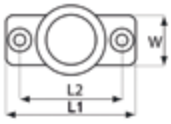
SR 5406

## Index Plunger - with fixing plate

**Head: High Impact Resistant Thermoplastic - Matt finish**
**Plate: Zinc Plated Steel**

- Ideal for use on thin materials



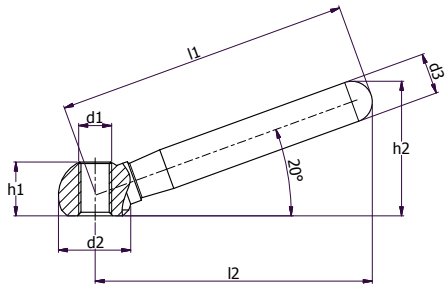






| Part Number | Dimensions (mm) | | | | | | | Plunger Diameter | Locking Rest Position | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | D | H | $L_1$ | $L_2$ | W | $h_1$ | $h_2$ | | | |
| 491266 | 25 | 37 | 40 | 30 | 18 | 4.5 | 6 | 6 | No | 5 |
| 491267 | 31 | 46 | 46 | 34 | 20 | 5.5 | 8 | 8 | No | 5 |
| 491268 | 25 | 37 | 40 | 30 | 18 | 4.5 | 6 | 6 | Yes | 5 |
| 491269 | 31 | 46 | 46 | 34 | 20 | 5.5 | 8 | 8 | Yes | 5 |

## Clamp Nuts

- The shaft is butt-welded to the nut
- Type 1: Zinc Plated blue passivated steel
- Type 2: Matt shot-blasted stainless steel AISI 304







| Part Number | Type | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | l1 | d1 | d2 | d3 | h1 | h2 ≈ | l2 ≈ | |
| 1220674 | 1 | 63 | M8 | 16 | 10 | 12.5 | 30.5 | 60 | 5 |
| 1220675 | 1 | 80 | M10 | 20 | 12 | 15 | 37 | 76 | 5 |
| 1220676 | 1 | 100 | M12 | 25 | 14 | 19 | 46 | 95 | 5 |
| 1220677 | 1 | 125 | M16 | 32 | 18 | 25 | 58.5 | 119 | 5 |
| 1220678 | 1 | 160 | M20 | 40 | 20 | 31 | 73 | 152 | 5 |
| 1220679 | 2 | 63 | M8 | 16 | 10 | 12.5 | 30.5 | 60 | 5 |
| 1220680 | 2 | 80 | M10 | 20 | 12 | 15 | 37 | 76 | 5 |
| 1220681 | 2 | 100 | M12 | 25 | 14 | 19 | 46 | 95 | 5 |
| 1220682 | 2 | 125 | M16 | 32 | 18 | 25 | 58.5 | 119 | 5 |
| 1220683 | 2 | 160 | M20 | 40 | 20 | 31 | 73 | 152 | 5 |

**SR 5407**

## Index Plunger - with lift ring

**Housing: Nickel Plated**
**Pin: Stainless Steel**

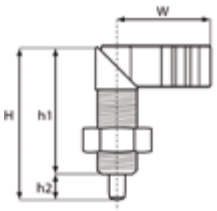



| Part Number | Thread Size | Dimensions (mm) | | | Plunger Diameter | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | $h_1$ | $h_2$ | | |
| 491262 | M6 | 14 | 12 | 4 | 4.0 | 5 |
| 491263 | M8 | 18 | 16 | 5 | 4.5 | 5 |
| 491264 | M10 | 24 | 20 | 6 | 5.5 | 5 |
| 491265 | M12 | 30 | 24 | 8 | 8.0 | 5 |

SR 5410

## Cam Plungers

**Stainless Steel or Burnished Steel**






Stainless Steel

| Part Number | Thread Size | Dimensions (mm) | | | | Plunger Diameter | Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | | H | W | $h_1$ | $h_2$ | | | |
| 491241 | M20 x 1.5 | 69 | 51 | 36 | 12 | 8 | Stainless Steel | 2 |
| 491242 | M20 x 1.5 | 69 | 51 | 36 | 12 | 10 | Stainless Steel | 2 |
| 491243 | M20 x 1.5 | 69 | 51 | 36 | 12 | 12 | Stainless Steel | 2 |
| 491240 | M20 x 1.5 | 69 | 37 | 36 | 12 | 8 | Burnished Steel | 2 |
| 491238 | M20 x 1.5 | 69 | 37 | 36 | 12 | 10 | Burnished Steel | 2 |
| 491239 | M20 x 1.5 | 69 | 37 | 36 | 12 | 12 | Burnished Steel | 2 |

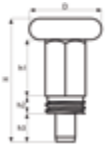
SR 5408

## Index Plunger - Metal Head

**Body: Zinc Plated or Stainless Steel**
**Head: Zinc Plated, Die-Cast Zinc**

- Matt Finish





Stainless Steel

| Part Number | Thread Size | Dimensions (mm) | | | | | Plunger Diameter | Locking Rest Position | Insert Material | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | D | H | $h_1$ | $h_2$ | $h_3$ | | | | |
| 497510 | M10 x 1.0 | 18.2 | 30.4 | 18.2 | 4.0 | 7.0 | 6.0 | No | Zinc Plated | 5 |
| 497511 | M10 x 1.0 | 18.2 | 30.4 | 18.2 | 4.0 | 7.0 | 6.0 | Yes | Zinc Plated | 5 |
| 497512 | M12 x 1.75 | 24.0 | 39.4 | 19.2 | 8.0 | 7.0 | 7.0 | No | Zinc Plated | 5 |
| 497513 | M12 x 1.75 | 24.0 | 39.4 | 19.2 | 8.0 | 7.0 | 7.0 | Yes | Zinc Plated | 5 |
| 497515 | M10 x 1.0 | 18.2 | 30.4 | 18.2 | 4.0 | 7.0 | 6.0 | No | Stainless Steel | 2 |
| 497514 | M10 x 1.0 | 18.2 | 30.4 | 18.2 | 4.0 | 7.0 | 6.0 | Yes | Stainless Steel | 2 |

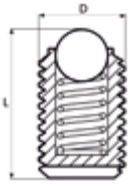
SR 5409

## Ball & Spring Index Plunger

**Stainless Steel or Burnished Steel**








Stainless Steel

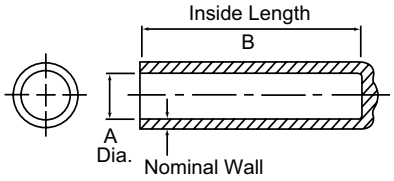
| Part Number | Dimensions (mm) | | Insert Material | Std Pack Qty |
|---|---|---|---|---|
| | D | L | | |
| 491244 | M3 | 7.0 | Burnished Steel | 20 |
| 491245 | M4 | 10.0 | Burnished Steel | 20 |
| 491246 | M5 | 13.0 | Burnished Steel | 20 |
| 491247 | M6 | 15.0 | Burnished Steel | 20 |
| 491248 | M8 | 17.5 | Burnished Steel | 20 |
| 491249 | M10 | 21.0 | Burnished Steel | 20 |
| 491250 | M12 | 24.5 | Burnished Steel | 10 |
| 491251 | M16 | 27.5 | Burnished Steel | 10 |
| 491252 | M20 | 34.0 | Burnished Steel | 10 |
| 491253 | M3 | 7.5 | Stainless Steel | 20 |
| 491254 | M4 | 10.0 | Stainless Steel | 20 |
| 491255 | M5 | 13.0 | Stainless Steel | 20 |
| 491256 | M6 | 15.0 | Stainless Steel | 20 |
| 491257 | M8 | 17.5 | Stainless Steel | 20 |
| 491258 | M10 | 21.0 | Stainless Steel | 20 |
| 491259 | M12 | 24.5 | Stainless Steel | 10 |
| 491260 | M16 | 27.5 | Stainless Steel | 10 |
| 491261 | M20 | 34.0 | Stainless Steel | 10 |

VGRD

# Round Grips

**Black or Red Vinyl PVC**

- Flexible material can stretch onto slightly larger dimensions for a snug fit without tearing, splitting or shredding
- Special order colors and materials available








| Part Number | Material & Color | A | | B | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|---|
| | | In | mm | In | mm | | |
| VGRD07504000A | Black PVC | 0.750 | 19.1 | 4.000 | 101.6 | 1 | 500 |
| VGRD07504000B | Textured Black PVC | 0.750 | 19.1 | 4.000 | 101.6 | 1 | 500 |
| VGRD07505000A | Black PVC | 0.750 | 19.1 | 5.000 | 127.0 | 1 | 250 |
| VGRD07505000B | Textured Black PVC | 0.750 | 19.1 | 5.000 | 127.0 | 1 | 250 |
| VGRD08124500A | Textured Black PVC | 0.812 | 20.6 | 4.500 | 114.3 | 1 | 400 |
| VGRD08434500B | Textured Black PVC | 0.843 | 21.4 | 4.500 | 114.3 | 1 | 400 |
| VGRD08754000B | Textured Black PVC | 0.875 | 22.2 | 4.000 | 101.6 | 1 | 400 |
| VGRD08755000A | Black PVC | 0.875 | 22.2 | 5.000 | 127.0 | 1 | 300 |
| VGRD08755000B | Textured Black PVC | 0.875 | 22.2 | 5.000 | 127.0 | 1 | 150 |
| VGRD08755000C | PVC Red | 0.875 | 22.2 | 5.000 | 127.0 | 1 | 300 |
| VGRD09374000A | Black PVC | 0.937 | 24.7 | 4.000 | 101.6 | 1 | 300 |
| VGRD09374000B | Textured Black PVC | 0.937 | 24.7 | 4.000 | 101.6 | 1 | 300 |
| VGRD10004000A | Black PVC | 1.000 | 25.4 | 4.000 | 101.6 | 1 | 400 |
| VGRD10004500A | Black PVC | 1.000 | 25.4 | 4.500 | 114.3 | 1 | 300 |
| VGRD10005000A | Black PVC | 1.000 | 25.4 | 5.000 | 127.0 | 1 | 250 |
| VGRD10005000B | Textured Black PVC | 1.000 | 25.4 | 5.000 | 127.0 | 1 | 300 |
| VGRD10005000C | PVC Red | 1.000 | 25.4 | 5.000 | 127.0 | 1 | 300 |
| VGRD10624000A | Black PVC | 1.062 | 27.0 | 4.000 | 101.6 | 1 | 300 |
| VGRD10624500B | Textured Black PVC | 1.062 | 27.0 | 4.500 | 114.3 | 1 | 300 |
| VGRD11254000B | Textured Black PVC | 1.125 | 28.6 | 4.000 | 101.6 | 1 | 250 |
| VGRD11255000A | Black PVC | 1.125 | 28.6 | 5.000 | 127.0 | 1 | 200 |
| VGRD11255000B | Textured Black PVC | 1.125 | 28.6 | 5.000 | 124.0 | 1 | 200 |
| VGRD12504500A | Black PVC | 1.250 | 31.8 | 4.500 | 114.3 | 1 | 250 |
| VGRD12504500C | PVC Red | 1.250 | 31.8 | 4.500 | 114.3 | 1 | 200 |
| VGRD12505000B | Textured Black PVC | 1.250 | 31.8 | 5.000 | 127.0 | 1 | 200 |
| VGRD15004000A | Black PVC | 1.500 | 38.1 | 4.000 | 101.6 | 1 | 200 |
| VGRD15004500B | Textured Black PVC | 1.500 | 38.1 | 4.500 | 114.3 | 1 | 200 |
| VGRD17504000A | Black PVC | 1.750 | 44.4 | 4.000 | 101.6 | 1 | 150 |

SR 1525

## Handle Grips

**Black PVC**

- Broad range
- Ideal for a variety of applications

Type 1-12

| Part Number | To Fit Tube Diameter | | Type | Length (mm) | Std Pack Qty |
|---|---|---|---|---|---|
| | (mm) | (ins) | | | |
| 10130 | 19.1 | 3/4 | 1 | 75 | 800 |
| 10131 | 22.2 | 7/8 | 1 | 75 | 400 |
| 10161 | 22.2 | 7/8 | 2 | 105 | 250 |
| 10188 | 19.1 | 3/4 | 2 | 105 | 250 |
| 10189 | 25.4 | 1 | 2 | 105 | 100 |
| 10126 | 25.4 | 1 | 3 | 110 | 250 |
| 10156 | 22.2 | 7/8 | 3 | 110 | 250 |
| 50521* | 15.9 | 5/8 | 4 | 75 | 700 |
| 50640 | 19.1 | 3/4 | 4 | 75 | 600 |
| 15358 | 13.0 | 1/2 | 5 | 108 | 600 |
| PGWA-0159-400 | 15.9 | 5/8 | 5 | 400 | 100 |
| 10186 | 19.1 | 3/4 | 6 | 110 | 400 |
| FCWA-0127-110 | 13.0 | 1/2 | 7 | 110 | 600 |
| FCWA-0159-110 | 15.9 | 5/8 | 7 | 110 | 1000 |
| FCWA-0191-110 | 19.1 | 3/4 | 7 | 110 | 800 |
| FCWA-0222-110 | 22.2 | 7/8 | 7 | 110 | 250 |
| FCWA-0254-110 | 25.4 | 1 | 7 | 110 | 250 |
| NGWA-0191-110 | 19.1 | 3/4 | 8 | 110 | 300 |
| NGWA-0222-110 | 22.2 | 7/8 | 8 | 110 | 300 |
| NGWA-0254-110 | 25.4 | 1 | 8 | 110 | 300 |
| PGWA-0191-400 | 19.1 | 3/4 | 9 | 400 | 125 |
| HGWA-0254-150 | 25.4 | 1 | 10 | 150 | 250 |
| RGWA-0127-230 | 13.0 | 1/2 | 11 | 230 | 400 |
| SGWA-0191-110 | 19.1 | 3/4 | 12 | 110 | 300 |
| SGWA-0222-110 | 22.2 | 7/8 | 12 | 110 | 300 |
| SGWA-0254-110 | 25.4 | 1 | 12 | 110 | 300 |




VGN

## Round Finger Grasp

**Black Vinyl PVC**

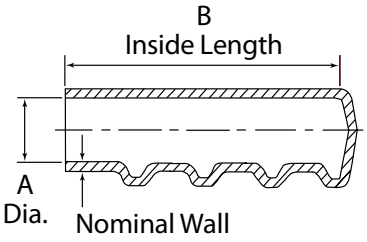
- Ideal for applications requiring a uniform finger grasp
- Flexible material can stretch onto slightly larger dimensions for a snug fit without tearing, splitting or shredding
- Special order colors and textured materials available





| Part Number | A | | B | | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|---|
| | In | mm | In | mm | | |
| VGN10004000A | 1.000 | 25.4 | 4.000 | 101.6 | 1 | 350 |
| VGN07504500A | 0.750 | 19.1 | 4.500 | 114.3 | 1 | 200 |
| VGN10004500A | 1.000 | 25.4 | 4.500 | 114.3 | 1 | 300 |
| VGN08755000A | 0.875 | 22.2 | 5.000 | 139.7 | 1 | 350 |





# Round or Rectangle Grips

**Black Vinyl**

- Grip replacements for worn grips on hand trucks, punch presses, tools and other equipment.
- Grips are molded of strong rigid black vinyl.
- They fit standard bar sizes and have a ¼" hole opposite the open end, except where noted otherwise.
- All grips for 1" bar diameter will work with ¾" I.P.S. pipe size.




| Part Number | Style | Lgth. | For Bar Dia. | Pack Qty. | Bulk Pack Qty. |
|---|---|---|---|---|---|
| GRIP1200A | A | 4 13/16 | ¾ | 1 | 100 |
| GRIP1300A | A | 4¾ | ⅞ | 1 | 100 |
| GRIP0500A | B | 3⅛ | ⅞ | 1 | 200 |
| GRIP0600A | B | 4⅝ | ⅞ | 1 | 125 |
| GRIP0300A | C | 4¼ | ⅞ | 1 | 125 |
| GRIP0400A | C | 4½ | 1 | 1 | 125 |
| GRIP0200A | D | 5 1/16 | ⅞ | 1 | 125 |
| GRIP0100A | D | 5 1/16 | 1 | 1 | 100 |
| GRIP0700A | E | 4 9/16 | ⅞ | 1 | 125 |
| GRIP0800A | E | 4 9/16 | 1 | 1 | 100 |
| GRIP1000A | F | 4 5/16 | 1 | 1 | 125 |
| GRIP0900A | F | 4 5/16 | 1¼ | 1 | 125 |

*No opposite end hole

ESSENTRA COMPONENTS



## FEET - KEEP IT LEVEL

Ideal for machinery and conveyor belts, our range of Pressed Bolt Down Feet includes an asymmetrical base shape to improve clearance when situating feet close to walls or walkways.

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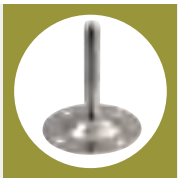
Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# FEET AND CASTOR


**Machinery Feet**

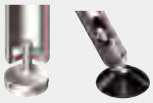
**642-645**





**Adjustable Feet**

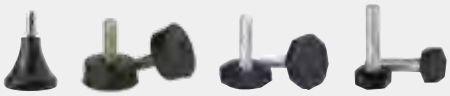
**646-650**





**Furniture Feet**

**651**





**Self-Adhesive, Screw-On Feet and Buffers**

**652-662**





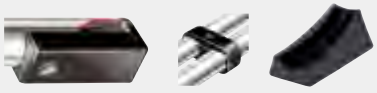
**Tiltserts, Buffers and Glides**

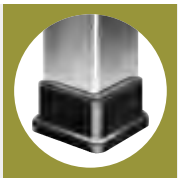
**663-664**



**Saddle and Insert Feet**

**665-666**





**Furniture Castors**

**667**





SR 1569

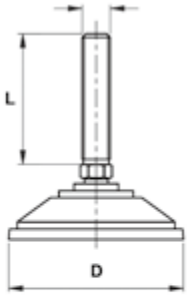
# Premium Machinery Mounting Feet

**Plain Base with Stainless Steel or ENP Mild Steel Stud**

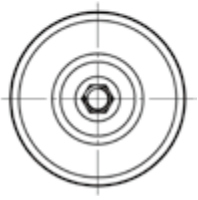
- Stud manufactured from solid hexagon bar by rolling process ensuring both accuracy and strength of thread
- Nylon base offers high-load capacity, chemical resistance and stability during temperature change
- 10mm diameter mounting hole

Stainless Steel

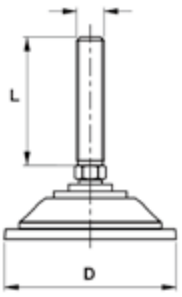




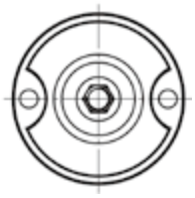

Thread Size



Plain Base




Thread Size



Bolt-Down Base

## Plain Black Nylon Base

| Part Number | | Thread Size | Dimensions (mm) | | Approximate Load Capacity (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Stainless Steel Stud | ENP Mild Steel Stud | | D | L | | |
| 462402 | - | M8 | 55 | 60 | 400 | 48 |
| 462403 | - | M10 | 55 | 75 | 500 | 48 |
| 462404 | 462415 | M12 | 55 | 75 | 600 | 24 |
| 462405 | 462416 | M12 | 55 | 125 | 600 | 24 |
| - | 462417 | M12 | 55 | 150 | 600 | 8 |
| 462406 | 462418 | M12 | 70 | 75 | 1000 | 24 |
| - | 462419 | M12 | 70 | 150 | 1000 | 8 |
| 462407 | - | M12 | 70 | 125 | 1000 | 8 |
| 462408 | 462420 | M16 | 70 | 75 | 1500 | 8 |
| 462409 | 462421 | M16 | 70 | 150 | 1500 | 4 |
| 462410 | - | M16 | 70 | 200 | 1500 | 4 |
| 462411 | 462422 | M16 | 100 | 75 | 2000 | 4 |
| - | 462423 | M16 | 100 | 100 | 2000 | 4 |
| 462412 | 462424 | M16 | 100 | 150 | 2000 | 4 |
| - | 462425 | M16 | 100 | 200 | 2000 | 4 |
| 462413 | 462426 | M20 | 100 | 150 | 2000 | 4 |
| 462414 | - | M24 | 100 | 200 | 2000 | 4 |

## Bolt-Down Black Nylon Base

| Part Number | | Thread Size | Dimensions (mm) | | Approximate Load Capacity (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Stainless Steel Stud | ENP Mild Steel Stud | | D | L | | |
| 462427 | 462433 | M12 | 100 | 75 | 1000 | 8 |
| 462428 | 462434 | M12 | 100 | 125 | 1000 | 8 |
| - | 462435 | M12 | 100 | 150 | 1000 | 8 |
| 462429 | 462436 | M16 | 100 | 75 | 2000 | 8 |
| 462430 | 462437 | M16 | 100 | 150 | 2000 | 8 |
| - | 462438 | M16 | 100 | 200 | 2000 | 8 |
| 462431 | 462439 | M20 | 100 | 150 | 2000 | 4 |
| 462432 | - | M20 | 100 | 200 | 2000 | 4 |
| - | 462440 | M24 | 100 | 150 | 2000 | 4 |

## Stainless Steel Base

| Part Number | | Thread Size | Dimensions (mm) | | Approximate Load Capacity (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|
| Stainless Steel Stud | ENP Mild Steel Stud | | D | L | | |
| 462441 | - | M8 | 38 | 60 | 450 | 24 |
| 462442 | - | M10 | 38 | 75 | 600 | 24 |
| 462443 | - | M12 | 55 | 75 | 1500 | 8 |
| 462444 | - | M12 | 55 | 125 | 1500 | 8 |
| 462445 | - | M12 | 55 | 160 | 1500 | 8 |
| 462446 | - | M16 | 70 | 75 | 2000 | 4 |
| 462447 | 462451 | M16 | 70 | 150 | 2000 | 4 |
| 462448 | - | M16 | 70 | 200 | 2000 | 4 |
| 462449 | 462453 | M20 | 100 | 150 | 3000 | 4 |

SR 1545

# Standard Machine Feet

**Nylon Base with Zinc Plated Steel Bolt**

- Ideal for mounting machinery or conveyers
- High load bearing capacity
- Maximum recomended load; 900Kg
- 20° Articualtion



**Non-Slip Feet**

- Suitable for SR 1545 feet
- Provides extra friction to prevent slippage



Non-slip Feet

| Part Number | Dimensions (mm) | Std Pack Qty |
|---|---|---|
| For Plain Base | Foot Dia | |
| 466653 | 50 | 40 |
| 466654 | 60 | 24 |
| 466655 | 80 | 20 |
| 466656 | 100 | 20 |

Bolt Down Nylon Base

| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Foot Dia | Stud Length | |
| 468600 | M8 | 60 | 80 | 40 |
| 468601 | M10 | 60 | 70 | 40 |
| 468602 | M10 | 60 | 125 | 40 |
| 468603 | M12 | 80 | 100 | 24 |
| 468604 | M12 | 80 | 150 | 24 |
| 468605 | M16 | 80 | 100 | 20 |

Plain Nylon Base

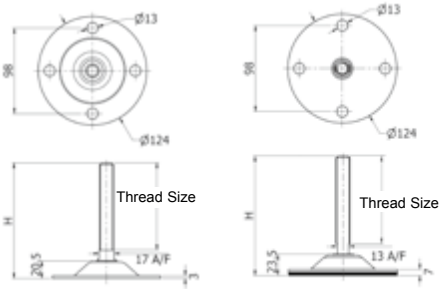
| Part Number | Thread Size | Dimensions (mm) | | Standard Pack Quantity |
|---|---|---|---|---|
| | | Foot Diameter | Stud Length | |
| 1254519 | M8 | 40 | 25 | 250 |
| 1254520 | M8 | 40 | 40 | 200 |
| 1254539 | M8 | 40 | 80 | 100 |
| 1254521 | M8 | 50 | 40 | 150 |
| 1254540 | M8 | 50 | 60 | 150 |
| 1254541 | M8 | 50 | 80 | 100 |
| 1254522 | M10 | 50 | 45 | 150 |
| 1254542 | M10 | 50 | 70 | 100 |
| 1254543 | M10 | 50 | 90 | 100 |
| 1254523 | M10 | 60 | 45 | 100 |
| 1254544 | M10 | 60 | 70 | 100 |
| 1254545 | M10 | 60 | 125 | 50 |
| 1254555 | M12 | 60 | 66 | 24 |
| 1254551 | M12 | 60 | 80 | 100 |
| 1254554 | M12 | 60 | 100 | 24 |
| 1254524 | M12 | 60 | 125 | 50 |
| 1287125 | M12 | 60 | 150 | 24 |
| 1254552 | M12 | 80 | 66 | 100 |
| 1254556 | M12 | 80 | 100 | 50 |
| 1254525 | M12 | 80 | 125 | 50 |
| 1254546 | M12 | 80 | 150 | 50 |
| 1254526 | M16 | 80 | 66 | 100 |
| 1254527 | M16 | 80 | 100 | 50 |
| 1254528 | M16 | 80 | 150 | 25 |
| 1287126 | M16 | 100 | 66 | 40 |
| 1287127 | M16 | 100 | 100 | 25 |
| 1287128 | M16 | 100 | 125 | 25 |
| 1287129 | M16 | 100 | 150 | 20 |
| 1287130 | M16 | 100 | 200 | 20 |
| 1234171 | M16 | 120 | 150 | 20 |
| 1287131 | M16 | 120 | 200 | 20 |
| 1254529 | M20 | 120 | 125 | 10 |
| 1254530 | M20 | 120 | 150 | 10 |
| 1254531 | M20 | 120 | 200 | 10 |
| 1254532 | M24 | 120 | 200 | 10 |
| 1254533 | M24 | 120 | 250 | 10 |

SR 5440

## Pressed Steel Bolt Down Feet

**Galvanised Steel, NBR 80 Rubber**

- High load capacity
- 8° articulation
- 4 x 12.5mm fixing holes
- With or without rubber pad for base
- Ideal for conveyors and machines






Standard



Rubber Pad Version

Stainless Steel

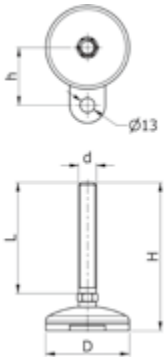
| Part Number | | Thread Size | Dimensions (mm) | Maximum Static Load N | Std Pack Qty |
|---|---|---|---|---|---|
| Standard | Rubber Pad Version | | H | | |
| 493684 | 493685 | M16 x 100 | 134 | 20000 | 2 |
| 493688 | 493689 | M20 x 100 | 134 | 20000 | 2 |

SR 5443

## Vibration Dampening Machine Feet - Bolt Down

**Base: Pressed stainless steel type 303 with inset Nitrile rubber core**
**Stud: Stainless steel type 303**

- 7° Articulation
- Bolt down
- Designed to absorb vibration
- High adhesion to floor
- Application: Machinery





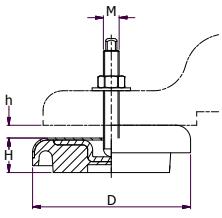

| Part Number | Dimensions (mm) | | | | | Max Loading (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | d | L | H | D | h | | |
| 493715 | M16 | 150 | 183 | 75 | 52 | 750 | 4 |
| 493716 | M20 | 150 | 183 | 75 | 52 | 750 | 4 |

SR 5711

## Anti-Vibration Machine Mounts

**Cast Iron Bearing Plate**
**Nitrile Rubber Moulding**

- The foot holds in place as the thread is tightened
- The unique design enables height adjustment whilst maintaining a totally sealed vibration absorbing base
- Single part base, cast iron bearing plate with a nitrile rubber surround
- Shore rubber hardness 80
- All bolts are fine pitch






| Part Number | Dimensions (mm) | | | | Static Load per mount (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Bolt (M) | Foot Dia (D) | Foot Height (H) | Adjust Height (h) | | |
| 550115* | M10x80 | 80 | 25 | 8 | 170 | 4 |
| 550116 | M12x100 | 120 | 32 | 12 | 1200 | 1 |
| 550117 | M16x120 | 160 | 35 | 12 | 3500 | 1 |

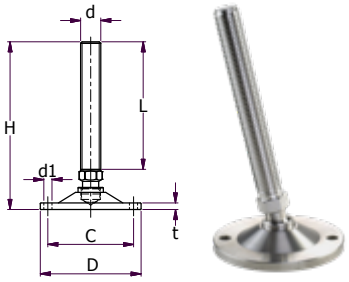
* Rubber Shore Hardness 60

SR 5700

## Low-Profile Bolt Down Levelling Feet

**Mild Steel**

- Load capacities ranging from 300kg - 3750kg
- 20° Articulation
- Stainless Steel 303 or Mild Steel
- With a Hygienic seal that provides a flexible cover over the ball and socket arrangement
- Bolt down hole for secure fixing



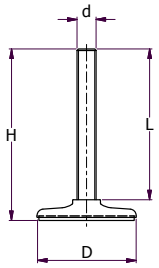

| Part Number | Dimensions (mm) | | | | | | | Max Load Capacity (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Mild Steel | Thread Size (d) | Thread Length (L) | Foot Dia (D) | Bolt Down Centre (C) | Height (H) | Flange Thickness (t) | Hole Dia (d1) | | |
| 550101 | M8 | 60 | 50 | 40 | 82 | 4 | 5.5 | 300 | 12 |
| 550102 | M10 | 75 | 50 | 40 | 97 | 4 | 5.5 | 500 | 12 |
| 550103 | M12 | 150 | 60 | 50 | 175 | 5 | 5.5 | 1250 | 8 |
| 550104 | M16 | 150 | 80 | 68 | 181 | 6 | 6.5 | 1750 | 4 |
| 550105 | M20 | 150 | 100 | 82 | 189 | 6.5 | 9 | 2500 | 4 |
| 550106 | M24 | 200 | 120 | 100 | 256 | 7.5 | 11 | 3750 | 4 |

SR 5701

## Light Duty Fixed Stud Levelling Foot

**Stainless Steel Base with Nitrile Rubber Pad**
**Stainless Steel Thread**

- Stainless Steel 303
- Fixed Foot
- Low profile





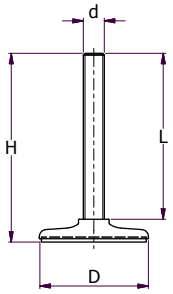

| Part Number | Dimensions (mm) | | | | Max Load Capacity (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Thread Size (d) | Foot Dia (D) | Stud Length (L) | Height (H) | | |
| 550107 | M8 | 40 | 60 | 72 | 450 | 12 |
| 550108 | M10 | 40 | 60 | 72 | 600 | 12 |
| 550109 | M10 | 50 | 80 | 94 | 600 | 12 |
| 550110 | M12 | 50 | 50 | 65 | 750 | 8 |
| 550111 | M12 | 50 | 75 | 90 | 750 | 8 |

SR 5701

## Heavy Duty Fixed Stud Levelling Foot

**Stainless Steel Base with Nitrile Rubber Pad**
**Stainless Steel Thread**

- Stainless Steel 303
- Fixed Foot
- Low profile






| Part Number | Dimensions (mm) | | | | Max Load Capacity (kg) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | Thread Size (d) | Foot Dia (D) | Stud Length (L) | Height (H) | | |
| 550112 | M12 | 60 | 125 | 140 | 1250 | 4 |
| 550113 | M16 | 80 | 150 | 171 | 2000 | 4 |
| 550114 | M20 | 120 | 200 | 224 | 3000 | 4 |

SR 1572

## Standard Non-Articulating Adjustable Feet

**Black Polypropylene**

- Outer-Hex Slotted Head for adjustment
- POZI socket in base for easy adjustment



### 25mm Diameter Foot

| Part Number | | Stud Length | Std Pack Qty | |
|---|---|---|---|---|
| M6 | M8 | | M6 | M8 |
| 466121 | - | 20 | 500 | - |
| - | 466122 | 25 | - | 500 |
| - | 466123 | 40 | - | 350 |
| - | 466124 | 55 | - | 250 |
| - | 466125 | 70 | - | 200 |
| - | 466126 | 100 | - | 150 |

### 30mm Diameter Foot

| Part Number | | Stud Length | Std Pack Qty | |
|---|---|---|---|---|
| M8 | M10 | | M8 | M10 |
| 466127 | 466132 | 25 | 400 | 300 |
| 466128 | 466133 | 40 | 300 | 200 |
| 466129 | 466134 | 55 | 200 | 100 |
| 466130 | 466135 | 70 | 150 | 100 |
| 466131 | 466136 | 100 | 100 | 50 |

### 38mm Diameter Foot

| Part Number | | | Stud Length | Std Pack Qty | | |
|---|---|---|---|---|---|---|
| M8 | M10 | M12 | | M8 | M10 | M12 |
| 466137 | 466142 | 466147 | 25 | 400 | 300 | 200 |
| 466138 | 466143 | 466148 | 40 | 300 | 200 | 150 |
| 466139 | 466144 | 466149 | 55 | 200 | 100 | 150 |
| 466140 | 466145 | 466150 | 70 | 150 | 100 | 100 |
| 466141 | 466146 | 466151 | 100 | 100 | 50 | 50 |

### 48mm Diameter Foot

| Part Number | | | Stud Length | Std Pack Qty | | |
|---|---|---|---|---|---|---|
| M8 | M10 | M12 | | M8 | M10 | M12 |
| 466152 | 466157 | 466162 | 25 | 300 | 200 | 150 |
| 466153 | 466158 | 466163 | 40 | 200 | 150 | 100 |
| 466154 | 466159 | 466164 | 55 | 150 | 100 | 100 |
| 466155 | 466160 | 466165 | 70 | 150 | 100 | 200 |
| 466156 | 466161 | 466166 | 100 | 100 | 50 | 50 |

SR 1572

## Standard Articulating Adjustable Feet

**Black Polypropylene**

- Allow adjustment under load with base remaining stationary
- Outer-Hex Slotted Head for adjustment
- POZI socket in base for rapid assembly



### 25mm Diameter Foot

| Part Number | | Stud Length | Std Pack Qty | |
|---|---|---|---|---|
| M6 | M8 | | M6 | M8 |
| 466212 | - | 20 | 500 | - |
| - | 466167 | 25 | - | 500 |
| - | 466168 | 40 | - | 350 |
| - | 466169 | 55 | - | 250 |
| - | 466170 | 70 | - | 200 |
| - | 466171 | 100 | - | 150 |

### 30mm Diameter Foot

| Part Number | | Stud Length | Std Pack Qty | |
|---|---|---|---|---|
| M8 | M10 | | M6 | M8 |
| 466172 | 466177 | 25 | 400 | 300 |
| 466173 | 466178 | 40 | 300 | 200 |
| 466174 | 466179 | 55 | 200 | 100 |
| 466175 | 466180 | 70 | 150 | 100 |
| 466176 | 466181 | 100 | 100 | 50 |

### 38mm Diameter Foot

| Part Number | | | Stud Length | Std Pack Qty | | |
|---|---|---|---|---|---|---|
| M8 | M10 | M12 | | M8 | M10 | M12 |
| 466182 | 466187 | 466192 | 25 | 400 | 300 | 200 |
| 466183 | 466188 | 466193 | 40 | 300 | 200 | 150 |
| 466184 | 466189 | 466194 | 55 | 200 | 100 | 150 |
| 466185 | 466190 | 466195 | 70 | 150 | 100 | 100 |
| 466186 | 466191 | 466196 | 100 | 100 | 50 | 50 |

### 48mm Diameter Foot

| Part Number | | | Stud Length | Std Pack Qty | | |
|---|---|---|---|---|---|---|
| M8 | M10 | M12 | | M8 | M10 | M12 |
| 466197 | 466202 | 466207 | 25 | 300 | 200 | 150 |
| 466198 | 466203 | 466208 | 40 | 200 | 150 | 100 |
| 466199 | 466204 | 466209 | 55 | 150 | 100 | 100 |
| 466200 | 466205 | 466210 | 70 | 150 | 100 | 50 |
| 466201 | 466206 | 466211 | 100 | 100 | 50 | 50 |

SR 1572

## Non-Articulating Adjustable Feet

**Black Polypropylene**

- Use alone or with threaded inserts



| Part Number | | | Dimensions (mm) | | Std Pack Qty | | |
|---|---|---|---|---|---|---|---|
| M8 | M10 | M12 | Foot Dia | Stud Length | M8 | M10 | M12 |
| 497505 | - | - | 25 | 15 | 750 | - | - |
| 497509 | - | - | 25 | 25 | 500 | - | - |
| 465523 | - | - | 30 | 50 | 400 | - | - |
| 497506 | - | - | 34 | 38 | 500 | - | - |
| 497507 | - | - | 38 | 25 | 500 | - | - |
| 497508 | - | - | 38 | 38 | 500 | - | - |
| - | 466586 | - | 38 | 40 | | 250 | - |
| 465528 | | - | 38 | 50 | 250 | 225 | - |
| 462315 | 465524 | - | 38 | 60 | 250 | 200 | - |
| - | 465525 | - | 38 | 70 | - | 175 | - |
| - | 465530 | - | 38 | 100 | 150 | 125 | - |
| - | 466588 | - | 48 | 30 | - | 200 | - |
| 460810 | 466591 | - | 48 | 40 | 400 | 350 | - |
| - | 466592 | - | 48 | 50 | - | 150 | - |
| - | 465531 | - | 48 | 60 | 350 | 150 | - |
| - | 465532 | - | 48 | 70 | - | 125 | - |
| - | 465533 | - | 48 | 100 | - | 100 | - |
| - | 465534 | - | 48 | 120 | - | 150 | - |
| - | 465520 | - | 58 | 50 | - | 125 | 100 |

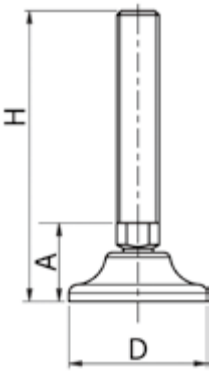
SR 5439

## Industrial Articulated Stainless Steel Feet

Stainless Steel

**Black Nylon Base, 304 Stainless Steel Thread**

- 30° articulation
- Ideal for catering and food machinery





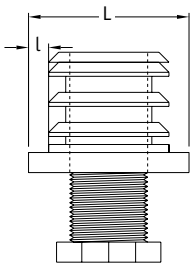

| Part Number | Thread Size | Dimensions (mm) | | | Maximum Static Load N | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | A | H | | |
| 493670 | M8x50 | 40 | 27 | 77 | 10000 | 24 |
| 493671 | M8x75 | 40 | 27 | 102 | 10000 | 24 |
| 493672 | M10x75 | 40 | 27 | 102 | 10000 | 24 |
| 493673 | M12x75 | 40 | 27 | 102 | 10000 | 24 |
| 493674 | M10x100 | 40 | 27 | 127 | 10000 | 24 |
| 493675 | M12x100 | 40 | 27 | 127 | 10000 | 24 |
| 493676 | M10x75 | 65 | 33 | 108 | 11000 | 8 |
| 493677 | M12x75 | 65 | 33 | 108 | 11000 | 8 |
| 493678 | M10x100 | 65 | 33 | 133 | 11000 | 8 |
| 493679 | M12x100 | 65 | 33 | 133 | 11000 | 8 |
| 493680 | M16x100 | 65 | 37 | 137 | 15000 | 8 |
| 493681 | M20x100 | 65 | 37 | 137 | 15000 | 8 |
| 493682 | M16x150 | 65 | 37 | 187 | 15000 | 8 |
| 493683 | M20x150 | 65 | 37 | 187 | 15000 | 8 |

SR 1573

## One-Piece Adjustable Feet

**Black Nylon**

- Rugged, durable and heavy duty
- Resist lateral stress
- One-piece threaded insert and height adjuster






Square

| Part Number | Dimensions (mm) | | | Axial load kg approx. | Std Pack Qty |
|---|---|---|---|---|---|
| | L | l (gauge) | Thread | | |
| 060202069901 | 20 x 20 | 1.5-2.0 | M10 x 25 | 100 | 100 |
| 465495 | 25 x 25 | 1.5-2.0 | M16 x 25 | 150 | 100 |
| 060303069901 | 30 x 30 | 1.5-2.0 | M22 x 25 | 300 | 100 |
| 060353069901 | 35 x 35 | 1.5-2.0 | M22 x 25 | 300 | 100 |
| 060404069901 | 40 x 40 | 1.5-2.0 | M22 x 25 | 300 | 100 |
| 060454569901 | 45 x 45 | 1.5-2.0 | M30 x 30 | 300 | 100 |
| 060505069901 | 50 x 50 | 1.5-2.0 | M30 x 30 | 300 | 100 |

Round

| Part Number | Dimensions (mm) | | | Axial load kg approx. | Std Pack Qty |
|---|---|---|---|---|---|
| | L | l (gauge) | Thread | | |
| 060002069901 | 32 | 1.5-2.0 | M22 x 25 | 300 | 100 |
| 060003069901 | 35 | 1.5-2.0 | M22 x 25 | 300 | 100 |
| 060006069901 | 45 | 1.5-2.0 | M30 x 30 | 300 | 100 |

SR 1575

## Adjustable Tilt Glides

**Black Polypropylene**

- Bright zinc-plated steel tilt ball and stud
- Ideal for angled applications
- Can be adjusted for use on uneven floor surfaces
- Ideal for use with SR1570 & SR1571 threaded inserts



| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Foot Dia | Stud Length | |
| 462183 | M6 | 25.0 | 25.0 | 750 |
| 462184 | M6 | 32.5 | 25.0 | 500 |
| 110728 | M8 | 25.0 | 12.0 | 100 |
| 110732 | M8 | 25.0 | 25.0 | 100 |
| 110729 | M8 | 32.0 | 12.0 | 100 |
| 110733 | M8 | 32.0 | 25.0 | 100 |
| 110730 | M8 | 38.0 | 12.0 | 100 |
| 110734 | M8 | 38.0 | 25.0 | 100 |
| 110731 | M8 | 47.5 | 12.0 | 100 |
| 110735 | M8 | 47.5 | 25.0 | 100 |
| 110736 | M10 | 25.0 | 15.0 | 100 |
| 110740 | M10 | 25.0 | 38.0 | 100 |
| 110744 | M10 | 25.0 | 50.0 | 100 |
| 110737 | M10 | 32.0 | 15.0 | 100 |
| 110741 | M10 | 32.0 | 38.0 | 100 |
| 110745 | M10 | 32.0 | 50.0 | 100 |
| 110738 | M10 | 38.0 | 15.0 | 100 |
| 110742 | M10 | 38.0 | 38.0 | 100 |
| 110746 | M10 | 38.0 | 50.0 | 100 |
| 110739 | M10 | 47.5 | 15.0 | 100 |
| 110743 | M10 | 47.5 | 38.0 | 100 |
| 110747 | M10 | 47.5 | 50.0 | 100 |

SR 1572

## Low-Profile Adjustable Feet

**Black Nylon or Polyethylene**

- Robust, sturdy and durable
- Zinc-plated steel stud
- Ideal for uneven surfaces



| Part Number | Dimensions (mm) | | Thread Size | Std Pack Qty |
|---|---|---|---|---|
| | Foot Dia | Stud Length | | |
| 498651* | 20 | 20 | M6 | 2000 |
| 498653* | 20 | 50 | M6 | 1000 |
| 498655* | 25 | 25 | M6 | 1000 |
| 498654* | 20 | 16 | M8 | 1000 |
| 20424862 † | 25 | 25 | M8 | 1000 |
| 498656* | 25 | 37 | M8 | 500 |
| 498657* | 32 | 20 | M8 | 600 |
| 20424879† | 35 | 25 | M8 | 500 |
| 20424886† | 25 | 35 | M10 | 500 |
| 498658* | 32 | 25 | M10 | 500 |
| 20424855† | 35 | 35 | M10 | 500 |
| 499810* | 44 | 20 | M10 | 250 |

* Polyethylene
† Nylon

SR 1564

## All-metal Height Adjusters

**BZP Steel**

- Articulating stud



| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Foot Dia | Stud Length | |
| 20547585 | M10 | 46 | 40 | 200 |
| 20547592 | M10 | 46 | 60 | 175 |

SR 1578

## Smooth-Based Adjustable Glides

**Black Polyethylene**

- Smooth chrome-coloured steel base offers excellent sliding movement
- Zinc-plated steel stud
- Ideal for use on carpeted floors



| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Foot Dia | Stud Length | |
| 465353 | M8 | 30 | 25 | 500 |
| 465349 | M10 | 30 | 25 | 500 |

SR 1574

## Chrome-Capped Adjustable Feet

**Black Polyethylene**



- Attractive chrome metal covershell
- Non-tilt design provides extra stability
- Ideal for uneven surfaces
- Protect floor surface from abrasion

| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Foot Dia | Stud Length | |
| 025301069903 | M6 | 20 | 10 | 1000 |
| 025302069903 | M8 | 25 | 20 | 500 |
| 025303069903 | M8 | 30 | 20 | 250 |
| 025304069903 | M8 | 35 | 20 | 250 |
| 025305069903 | M8 | 40 | 25 | 250 |
| 025307069903 | M10 | 30 | 20 | 250 |
| 025309069903* | M10 | 40 | 40 | 250 |
| 025308069903** | M10 | 40 | 25 | 250 |

* Small degree of tilt - loose swivelling adjustable nut (17mm a/f).
** Fixed hexagonal adjustable nut (10mm a/f).

SR 1574

## Chrome-Capped Low Profile Adjustable Feet

**Natural Nylon**



- Attractive chrome metal covershell
- Bright zinc-plated steel stud
- Ideal for uneven surfaces

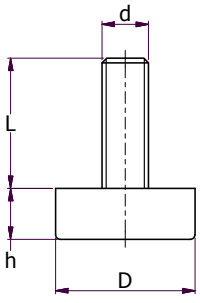
| Part Number | Thread Size | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | Foot Dia | Stud Length | |
| RWA25M0820 | M8 | 25 | 20 | 500 |
| RWA35M0820 | M8 | 35 | 20 | 250 |
| RWB50M0820* | M8 | 50 | 20 | 250 |
| RWA45M1045 | M10 | 45 | 45 | 250 |

* Style variation, cap covers entire base.

SR 5726

## Rubber Fixed Foot

- Steel Thread
- Fixed Screw
- Rubber foot absorbs vibrations
- Anti-slip





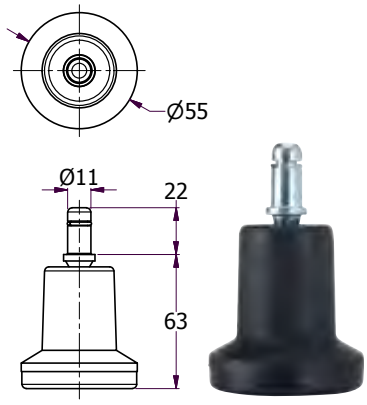

| Part Number | Dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | Base Diameter D | Base Height h | Thread Size | Stud Length (mm) | Std Pack Qty |
| 499421 | 30 | 11 | M6 | 18 | 50 |
| 499424 | 30 | 11 | M8 | 38 | 50 |
| 499430 | 35 | 12 | M6 | 18 | 50 |
| 499431 | 35 | 12 | M6 | 38 | 50 |
| 499432 | 35 | 12 | M8 | 18 | 50 |
| 499433 | 35 | 12 | M8 | 38 | 50 |
| 499434 | 35 | 12 | M10 | 18 | 50 |
| 499435 | 35 | 12 | M10 | 38 | 50 |
| 499436 | 35 | 12 | M12 | 18 | 50 |
| 499437 | 35 | 12 | M12 | 38 | 50 |

SR 6440

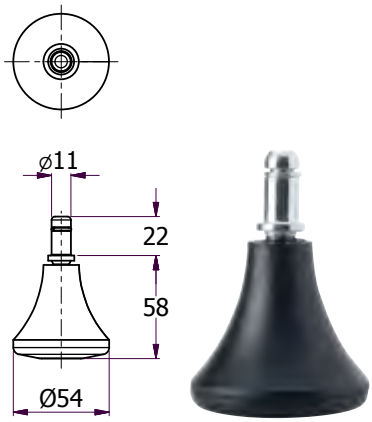
# Gripneck Feet

**Nylon Base, Galvanised Steel Stem**

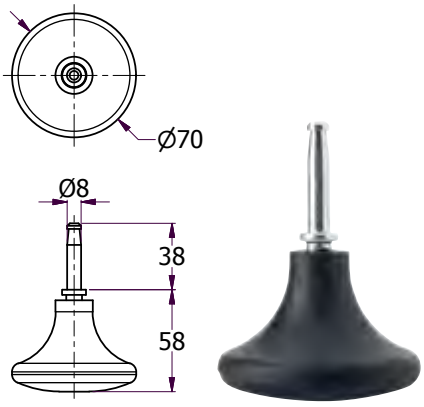
- Gripneck Stem for quick fitting
- Smooth base for easy movement
- Type 4 has a hollow base



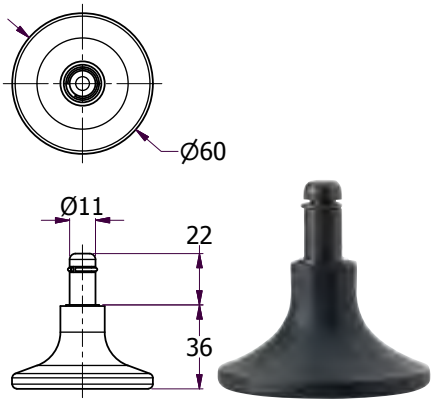

Type 1



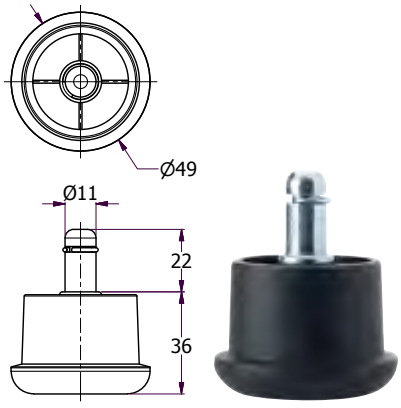

Type 2



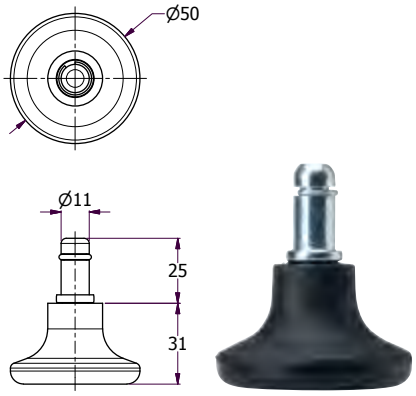

Type 3




Type 4




Type 5




Type 6

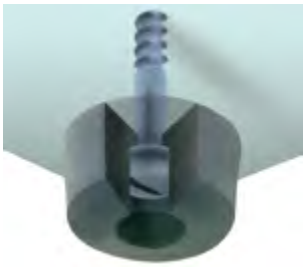
| Part Number | Type | Load Bearing (kg) | Std Pack Qty |
|---|---|---|---|
| 551066 | 1 | 55 | 200 |
| 551062 | 2 | 50 | 200 |
| 551063 | 3 | 50 | 200 |
| 551064 | 4 | 50 | 200 |
| 551065 | 5 | 55 | 200 |
| 551061 | 6 | 50 | 200 |

SR 1590

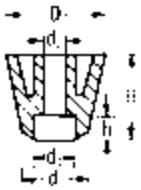
## Screw-On Feet

**Black LDPE, TPR or Natural Rubber**

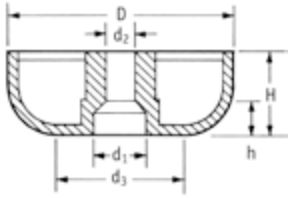
- Ideal for wooden cabinets, equipment enclosures, free-standing electrical/electronic equipment etc
- Fit with screws (not supplied)
- TPR is recommended for excellent slip resistance



Type 1




Type 2




| Part Number | | | Type | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| LDPE | TPR | Neoprene | | H | D | d3 | d1 | d2 | h | |
| 60470 | 15129 | | 1 | 7.1 | 15.9 | 13.5 | 7.9 | 3.2 | 4.0 | 10000 |
| 12477 | 15130 | | 1 | 9.5 | 16.4 | 16.4 | 6.4 | 4.0 | 5.6 | 10000 |
| | | SOF-15140 | 1 | 9.5 | 17.5 | - | 8.0 | 4.0 | 5.2 | 100 |
| 60785 | 15124 | | 1 | 11.3 | 19.3 | 18.0 | 7.5 | 3.2 | 7.9 | 5000 |
| 51607 | 15125 | | 1 | 11.9 | 19.8 | 18.2 | 9.5 | 4.7 | 6.3 | 5000 |
| | | SOF-15111 | 1 | 15.5 | 19.0 | 12.7 | 8.0 | 4.0 | 4.8 | 100 |
| 50842 | 15111 | | 1 | 15.9 | 19.0 | 12.7 | 7.9 | 4.0 | 4.8 | 5000 |
| 50954 | 15127 | | 1 | 18.2 | 18.5 | 17.5 | 8.5 | 4.8 | 7.9 | 2000 |
| | | SOF-15126 | 1 | 25.0 | 22.5 | 12.7 | 8.7 | 4.0 | 14.5 | 100 |
| 50769 | 15126 | | 1 | 25.4 | 22.2 | 12.7 | 8.7 | 4.0 | 14.3 | 3000 |
| 50701 | 15140 | | 2 | 9.5 | 17.5 | 17.5 | 7.9 | 4.0 | 5.2 | 3500 |
| 49098 | - | | 2 | 16.0 | 45.0 | 30.0 | 10.5 | 5.0 | 10.0 | 3000 |
| 49099 | - | | 2 | 19.0 | 55.0 | 40.0 | 10.5 | 5.0 | 12.0 | 750 |

| Part Number | Type | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Natural Rubber | | H | D | $d_3$ | $d_1$ | $d_2$ | h | |
| 10646953 | 2 | 9.0 | 16.0 | 13.0 | 7.0 | 3.0 | 4.0 | 425 |
| 10592038 | 2 | 8.0 | 19.0 | 16.0 | 7.0 | 3.0 | 6.0 | 425 |
| 20014933 | 2 | 8.0 | 22.0 | 19.0 | 10.0 | 3.0 | 6.0 | 300 |
| 10592045 | 2 | 9.0 | 25.0 | 20.0 | 13.5 | 5.0 | 6.0 | 250 |
| 10626689 | 2 | 15.0 | 27.0 | 20.0 | 10.0 | 6.0 | 10.0 | 250 |
| 20014940 | 2 | 23.0 | 35.0 | 30.0 | 9.0 | 6.0 | 5.0 | 450 |

Contact of Natural Rubber

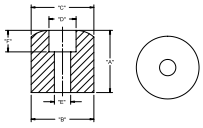
SOF

## Screw on Feet

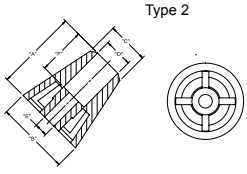
**Black , Neoprene Rubber, RMS-190**



Type 1



Type 2



| Part Number | Dimensions (mm) | | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" | Ø "B" | Ø "C" REF. | Ø "D" | Ø "E" | "F" | | |
| 1339688 | 7.1 | 15.9 | 13.8 | 8 | 3.2 | 4 | 1 | 100 |
| 1339686 | 11.5 | 19.1 | 18 | 10.2 | 5 | 6.35 | 1 | 100 |
| SOF-15127 | 18.35 | 18.5 | - | 8 | 4.8 | 6.35 | 1 | 100 |

Contact of Natural Rubber

P0007

## Screw Mounting Feet

**Black PVC**





| Part Number | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| 048150011407 | 3.2 | 6 | 15 | 7.5 | 4 | 100 |
| 048200011407 | 4.3 | 8 | 20 | 10 | 5 | 100 |
| 048250011407 | 4.3 | 10 | 25 | 12.5 | 6.5 | 100 |
| 048300011407 | 5.3 | 12 | 30 | 15 | 7.5 | 50 |
| 066020011407 | 4.2 | 9 | 19.5 | 23 | 7.5 | 100 |
| 066025011407 | 5.2 | 11 | 24.5 | 25 | 7.5 | 100 |

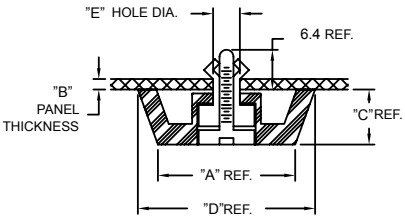
FF

# Fast Foot

**TPV / POM / NYLON**

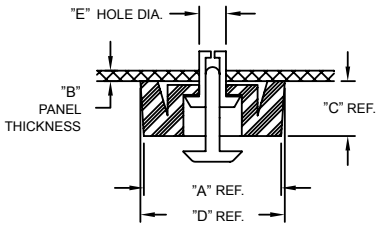


Type 1




WITH DRIVE SCREW

Type 2




WITH PUSH RIVET

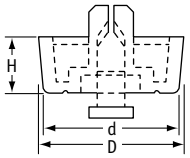
| Part Number | Foot Material | Rivet/Screw Material | Grommet Material | Dimensions (mm) | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | UL94 HB | UL94 HB | UL94 V-2 | "A" REF. | "B" Thicknesss Range | "C" REF. | "D" REF. | "E" Hole Ø | | |
| FF-001B | TPE, RMS-76 | POM, RMS-39 | Nylon 6, RMS-52 | 20 | 1 - 2.3 | 14 | 24 | 5 - 5.1 | 1 | 100 |
| FF-004B | TPE, RMS-76 | POM, RMS-39 | Nylon 6, RMS-52 | 18 | 1 - 2.3 | 10 | 20 | 5 - 5.1 | 1 | 100 |
| FF-003-P3X5.5B | TPE, RMS-42 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 13.5 | 0.8 - 1.8 | 5.5 | 14.2 | 3.1 - 3.2 | 2 | 100 |
| FF-005-P4X5B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 0.8 - 1.8 | 4.2 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-005-P4X6B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 1.8 - 2.8 | 4.2 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-005-P4X7B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 2.9 - 3.7 | 4.2 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-005-P4X8B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 3.8 - 4.8 | 4.2 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-006-P4X6B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 14 | 0.6 - 1 | 6 | 15 | 4.1 - 4.2 | 2 | 100 |
| FF-006-P4X7B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 14 | 1 - 2 | 6 | 15 | 4.1 - 4.2 | 2 | 100 |
| FF-006-P4X8B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 14 | 2 - 3.1 | 6 | 15 | 4.1 - 4.2 | 2 | 100 |
| FF-006-P5X6.5B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 14 | 0.8 - 1.2 | 6 | 15 | 5.1 - 5.2 | 2 | 100 |
| FF-006-P5X7.5B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 14 | 1.3 - 2.3 | 6 | 15 | 5.1 - 5.2 | 2 | 100 |
| FF-008-P4X6B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 0.8 - 1.8 | 6 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-008-P4X7B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 1.9 - 2.8 | 6 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-008-P4X8B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 2.9 - 4 | 6 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-009-P4X6B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 0 - 0.8 | 8 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-009-P4X7B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 0.8 - 2 | 8 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-009-P4X8B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 20 | 2.1 - 3 | 8 | 21 | 4.1 - 4.2 | 2 | 100 |
| FF-010-P4X7B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 14 | 1 - 2 | 9 | 15 | 4.1 - 4.2 | 2 | 100 |
| FF-010-P4X8B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 14 | 2 - 3.1 | 9 | 15 | 4.1 - 4.2 | 2 | 100 |
| FF-13-P3.5X4.5B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 10 | 0.5 - 1.2 | 4 | 10.8 | 3.6 - 3.7 | 2 | 100 |
| FF-13-P3.5X5.5B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 10 | 1.2 - 2 | 4 | 10.8 | 3.6 - 3.7 | 2 | 100 |
| FF-13-P3.5X6.0B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 10 | 1.5 - 2.2 | 4 | 10.8 | 3.6 - 3.7 | 2 | 100 |
| FF-13-P3.5X7.0B | TPE, RMS-76 | Nylon 6, RMS-52 | Nylon 6, RMS-52 | 10 | 2.5 - 3.2 | 4 | 10.8 | 3.6 - 3.7 | 2 | 100 |

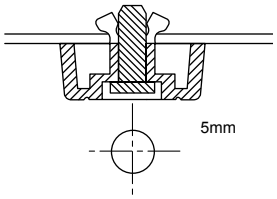
SR 1592

## Rivet Feet

**Black Polypropylene/Elastomer**

- Two-piece construction comes pre-assembled
- Insert pin to fix the foot into the panel





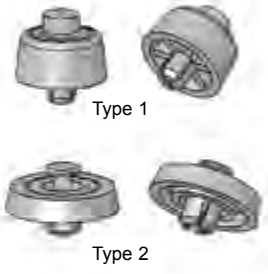

| Part Number | Dimensions (mm) | | | Hole Diameter (mm) | Panel Thickness (mm) | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| Hard | d | D | H | | | | |
| SFF-125-A4 | 18 | 20.0 | 15 | 7.9-8.0 | 0.8-1.8 | 1 | 200 |
| SFF-124-A4 | 18 | 20.0 | 12 | 8.0-8.1 | 0.5-1.2 | 2 | 200 |
| FF-026-M40 | 18 | 20.0 | 18 | 8.0-8.1 | 0.5-1.2 | 2 | 200 |

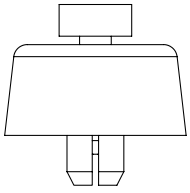
SFF

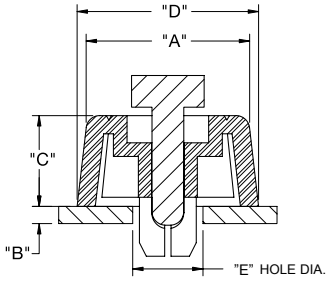
## Soft Fast Foot

**Black, Foot: TPE, 86 Shore A, RMS-42;**
**Pin: Polypropylene, RMS-126**







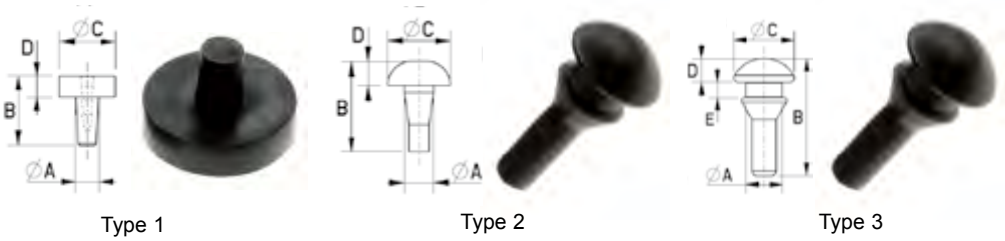

| Part Number | Recommended Mounting Hole | Recommended Panel Thickness | Dimensions (mm) | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | | "A" Ø | "C" Ø | "D" Ø | | |
| SFF-018 | 7.75 | 0.8 - 1.5 | 18 | 10 | 20 | 1 | 100 |
| SFF-021 | 7.75 | 5 - 8 | 20 | 6 | 21 | 1 | 100 |
| SFF-023 | 7.75 | 0.8 - 1.5 | 23 | 5 | 25 | 2 | 100 |
| SFF-028 | 7.75 | 0.8 - 1.5 | 18 | 15 | 20 | 1 | 100 |

SR 6449

## Insert Foot

**PVC**

- Black or Natural
- Prevents sliding and reduces vibration
- Easy mounting through simple design

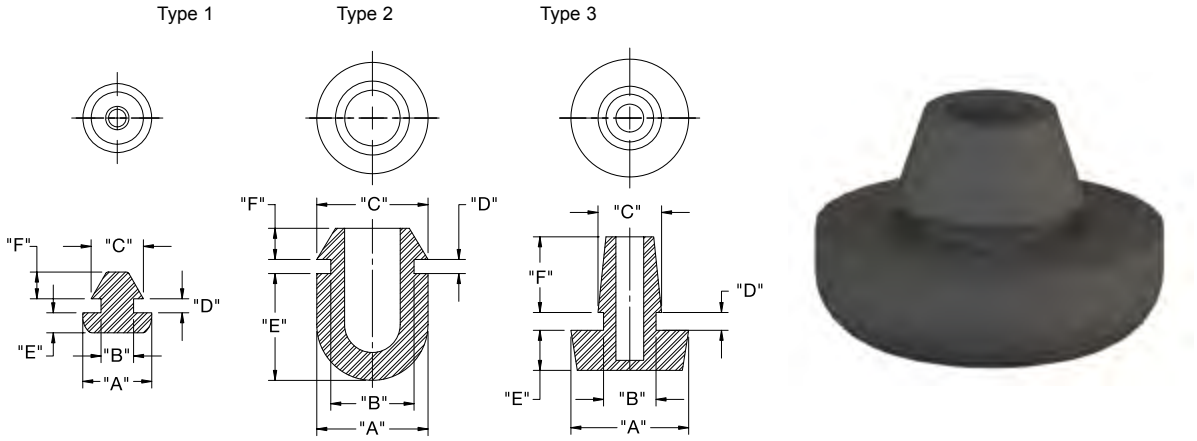



| Part Number | Colour | Recommended Panel Thickness | Dimensions (mm) | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | | |
| 049080011407 | Black | - | 3 | 10 | 8 | 3 | - | 1 | 100 |
| 049120011407 | Black | - | 4 | 10 | 12 | 3 | - | 1 | 100 |
| 049130011407 | Black | - | 5 | 13 | 13 | 3 | - | 1 | 100 |
| 049160011407 | Black | - | 5 | 10 | 16 | 4 | - | 1 | 100 |
| 049100000007 | Natural | - | 4.2 | 13 | 9 | 3.5 | - | 2 | 100 |
| 047060011407 | Black | 1.2 | 6 | 19.5 | 10 | 2.5 | 4 | 3 | 100 |

POF

## Push on Feet

**Black , UL94 HB TPE, RMS-262**

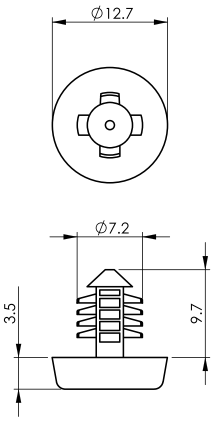



| Part Number | Recommended Mounting Hole | Recommended Panel Thickness | Dimensions (mm) | | | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | "A" Ø | "B" Ø | "C" Ø | "D" | "E" | "F" REF. | | |
| POF-40022 | 3.7 - 3.8 | 3.2 | 7.9 | 3.2 | 4.4 | 3.3 | 1.5 | 4.1 | 1 | 100 |
| POF-40048 | 4.5 - 4.6 | 1.5 | 7.9 | 3.7 | 6.1 | 1.6 | 2.3 | 3 | 1 | 100 |
| POF-40059 | 9.5 - 9.6 | 1.5 | 12.7 | 9.5 | 12.7 | 1.6 | 12.2 | 3.6 | 2 | 100 |
| POF-50185 | 6 - 6.1 | 1.9 | 13.4 | 6 | 7.3 | 2 | 4.6 | 8.6 | 3 | 100 |
| POF-12664 | 7 - 7.1 | 1.2 | 15.7 | 7 | 8.6 | 1.3 | 5.1 | 4.1 | 3 | 100 |

FBR

## Foot, Barbed Mount

**Rivet: UL94 V2 Nylon 6/6, RMS-01**
**Foot: Black TPE, RMS-351**






| Part Number | Hole Ø ± 0.08 | Min. Panel Thickness | Std Pack Qty |
|---|---|---|---|
| FBR-1 | 6.8 | 10 | 1000 |

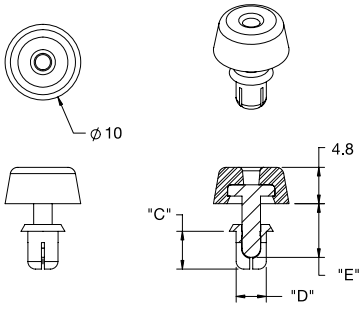
FSR

## Foot, Snap Rivet Mount

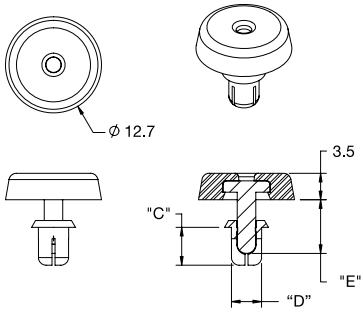
**Rivet: UL94 V2 Nylon 6, RMS-52**
**Foot: Black TPE, RMS-351**

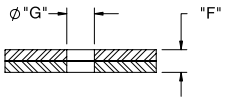


Type 1




Type 2



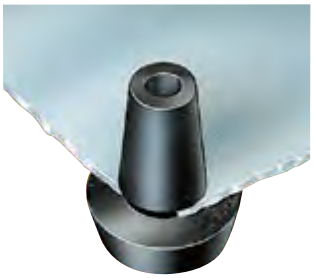

| Part Number | Hole Ø "G" | Dimensions (mm) | | | | Type | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | Panel Thickness "F" | "C" | "D" | "E" | | |
| FSR-1 | 3.6 - 3.7 | 1.2 - 2.1 | 3.5 | 3.5 | 5.1 | 1 | 1000 |
| FSR-2 | 3.6 - 3.7 | 2.1 - 3 | 4.5 | 3.5 | 6.1 | 1 | 1000 |
| FSR-3 | 4.1 - 4.2 | 2.5 - 3.5 | 5 | 4 | 7.1 | 1 | 1000 |
| FSR-4 | 3.6 - 3.7 | 1.2 - 2.1 | 3.5 | 3.5 | 5.1 | 2 | 1000 |
| FSR-5 | 3.6 - 3.7 | 2.1 - 3 | 4.5 | 3.5 | 6.1 | 2 | 1000 |
| FSR-6 | 4.1 - 4.2 | 2.5 - 3.5 | 5 | 4 | 7.1 | 2 | 1000 |

SR 1591

## Grommet Feet

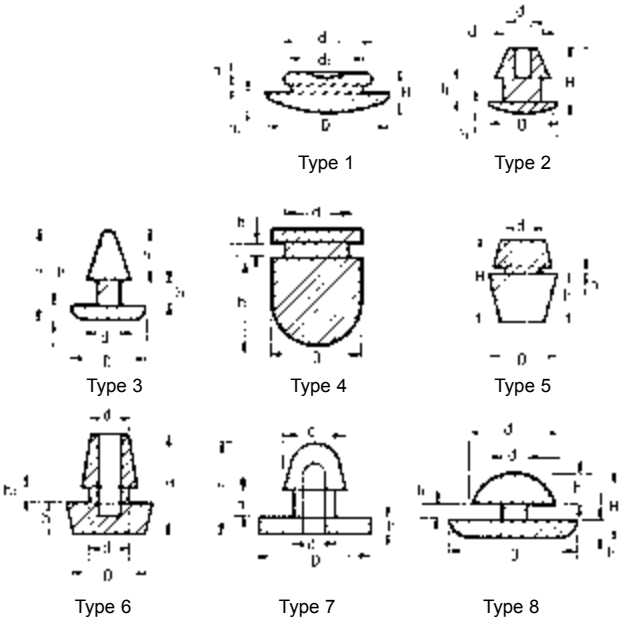
**Black PVC**

- Ideal for housings and cases
- Easy to fit; simply push into punched or drilled holes



| Part Number | Type | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | D | $d_1$ | $d_2$ | H | $h_1$ | $h_2$ | $h_3$ | |
| 50680 | 1 | 19.0 | 13.1 | 12.0 | 6.5 | 0.8 | 3.2 | - | 10000 |
| 12493 | 1 | 15.4 | 9.8 | 12.7 | 7.0 | 1.6 | 2.7 | - | 10000 |
| 12494 | 1 | 19.0 | 12.8 | 15.9 | 7.5 | 1.6 | 3.2 | - | 3500 |
| 50493 | 2 | 10.3 | 4.5 | 2.2 | 7.6 | 1.6 | 2.0 | - | 5000 |
| 12664 | 2 | 15.8 | 6.8 | 4.0 | 9.7 | 1.5 | 5.0 | - | 10000 |
| 1347532 | 3 | 7.9 | 3.2 | - | 8.3 | 3.2 | 1.6 | 3.5 | 10000 |
| 1347527 | 3 | 7.9 | 3.7 | - | 7.0 | 1.6 | 2.4 | 3.0 | 10000 |
| 1347534* | 4 | 12.5 | 9.5 | - | 17.0 | 1.6 | 12.0 | 3.5 | 5000 |
| 12495 | 5 | 10.9 | 6.9 | - | 12.8 | 0.7 | 8.1 | - | 10000 |
| 50185 | 6 | 12.0 | 6.0 | 5.8 | 15.2 | 2.1 | 4.6 | - | 10000 |
| 1347530 | 7 | 25.3 | 12.5 | 15.3 | 20.0 | 5.0 | 4.0 | - | 2000 |
| 15509 | 8 | 17.5 | 11.1 | 13.3 | 10.0 | 2.6 | 4.0 | 4.0 | 10000 |

* Style variation on flanged section.

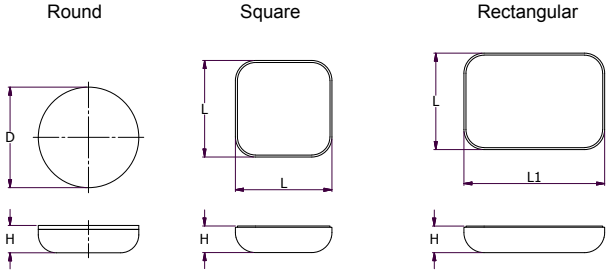



SR 1461

## PTFE Glider Adhesive Fixing

- PTFE Base with adhesive backing
- Available in round, square and rectangular






Round

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Diameter | Height | |
| 499475 | 19 | 4.3 | 200 |
| 499477 | 25 | 6.7 | 200 |
| 499478 | 30 | 6.5 | 200 |
| 499479 | 40 | 6.3 | 200 |
| 499480 | 50 | 6.4 | 200 |

Square & Rectangular

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L | L1 | Height | |
| 499490 | 30 | 30 | 6.5 | 200 |
| 499494 | 40 | 40 | 7.0 | 200 |
| 499498 | 25 | 25 | 5.0 | 200 |
| 499496 | 50 | 50 | 6.5 | 200 |
| 499497 | 19 | 70 | 6.3 | 200 |
| 499492 | 24 | 100 | 6.3 | 200 |

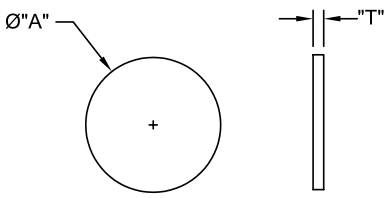
ASPR/ASPS

## Anti Slip Pads

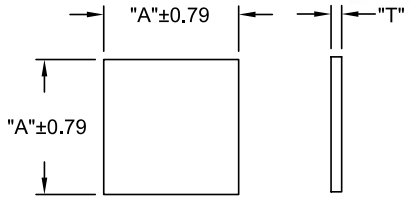
**Black , polyethylene foam, closed cells,**
**with rubber based pressure sensitive adhesive**



ASPR




ASPS




| Part Number | Dimensions (mm) | | Material | Std Pack Qty |
|---|---|---|---|---|
| | "A" | "T" | | |
| ASPR-8-062 | 12.7 | 1.6 | RMS-128 | 1000 |
| ASPR-12-062 | 19.1 | 1.6 | RMS-128 | 1000 |
| ASPR-16-062 | 25.4 | 1.6 | RMS-128 | 1000 |
| ASPR-8-125 | 12.7 | 3.2 | RMS-129 | 1000 |
| ASPR-12-125 | 19.1 | 3.2 | RMS-129 | 1000 |
| ASPR-16-125 | 25.4 | 3.2 | RMS-129 | 1000 |
| ASPS-8-062 | 12.7 | 1.6 | RMS-128 | 40/pad |
| ASPS-12-062 | 19.1 | 1.6 | RMS-128 | 20/pad |
| ASPS-16-062 | 25.4 | 1.6 | RMS-128 | 8/pad |
| ASPS-8-125 | 12.7 | 3.2 | RMS-129 | 40/pad |
| ASPS-12-125 | 19.1 | 3.2 | RMS-129 | 20/pad |
| ASPS-16-125 | 25.4 | 3.2 | RMS-129 | 8/pad |

SR 1577

## Stick-On Discs

**Black Rubber**

- Self-adhesive
- Suitable for smooth and dry surfaces
- Does not leave scuff marks when removed
- Slip-resistant



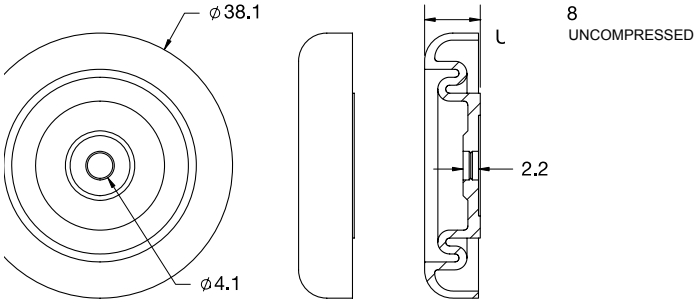
| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Height | Diameter | |
| 49093 | 1.5 | 10 | 1000 |
| 49094 | 1.5 | 20 | 1000 |
| 49095 | 1.5 | 30 | 1000 |
| 49096 | 1.5 | 40 | 500 |
| 49097 | 1.5 | 45 | 500 |

SVF

## Shock & Vibration Dampening Foot

**SVF-1: TPE, 75 Shore A, RMS-158**
**SVF-2: : TPE, 64 Shore A, RMS-384**





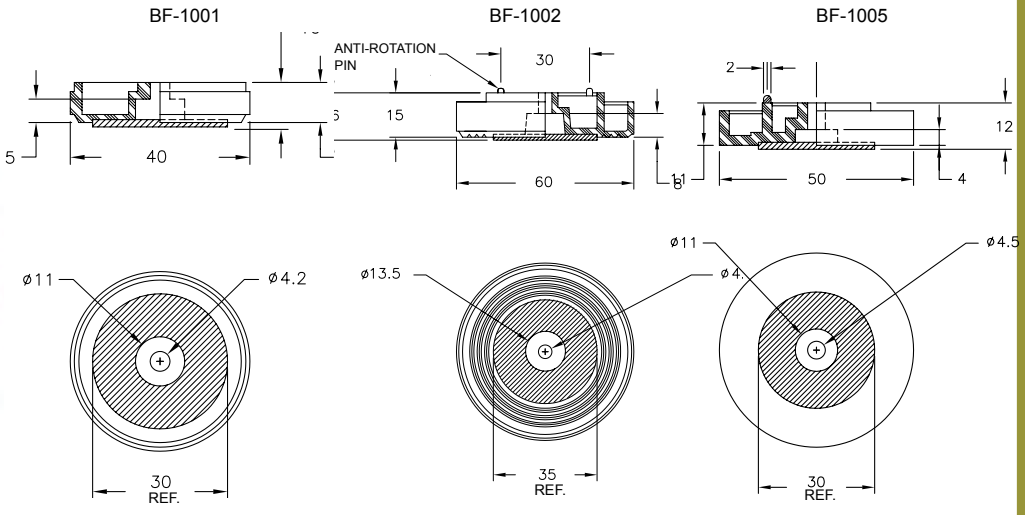

| Part Number | Panel Thickness Range | Richco Snap Rivet Sold Seperately Use With | Std Pack Qty |
|---|---|---|---|
| SVF-1 | 0.3 - 1.3 | SR-4050 | 400 |
| SVF-1 | 1.3 - 2.3 | SR-4060 | 400 |
| SVF-1 | 2.3 - 3.3 | SR-4070 | 400 |
| SVF-1 | 3.3 - 4.3 | SR-4080 | 400 |
| SVF-2 | 0.3 - 1.3 | SR-4050 | 400 |
| SVF-2 | 1.3 - 2.3 | SR-4060 | 400 |
| SVF-2 | 2.3 - 3.3 | SR-4070 | 400 |
| SVF-2 | 3.3 - 4.3 | SR-4080 | 400 |

BF

## Big Foot

**Black, Foot material; UL94 HB ABS, RMS-114**
**Cushion material; Nylon Fiber, RMS-240**





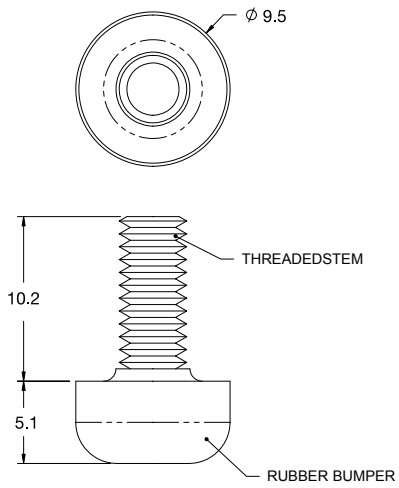

| Part Number | Recommended Mounting Screw | Load Capacity |
|---|---|---|
| BF-1001 | #8 or M4 Pan Head | 10 kg |
| BF-1002 | #8 or M4 Pan Head | 10 kg |
| BF-1005 | #8 or M4 Pan Head | 10 kg |

TB

## Threaded Insert Bumper

**Black, Rubber Bumper: IIR, Shore 40-50A Durometer,**
**RMS-348 Threaded Stem: Brass, RMS-349C**

• Typical Compression for 5 kg Maximum Load = 0.8



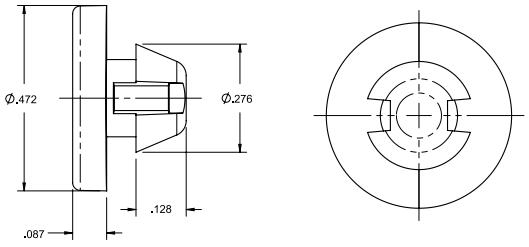



| Part Number | Thread Type | Std Pack Qty |
|---|---|---|
| TB-1 | #6-32 | 100 |
| TB-2 | #8-32 | 100 |
| 1342660 | M3 | 100 |
| 1342662 | M4 | 100 |
| TB-5 | M5 | 100 |

RFSI

## Rubber Foot Snap In

**Black TPV, RMS-262**





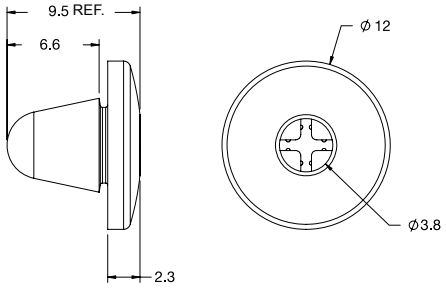

| Part Number | Accepts Panel Hole(mm) | Accept Panel Thickness(mm) | Std Pack Qty |
|---|---|---|---|
| RFSI-1 | 5.6 | 1.6~1.7 | 1000 |

**BIB**

## Blind Install Bumper

**Black Silicone Rubber,45 Shore A, RMS-364**





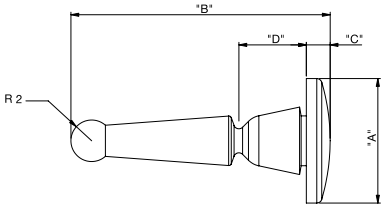

| Part Number | Mounting Hole | Panel Thickness | Std Pack Qty |
|---|---|---|---|
| BIB-1 | 5 - 5.4 | 0.8~1.6 | 1000 |

**BAB**

## Break-Away Bumper

- Mounting tab designed to break-away after assembly to save space





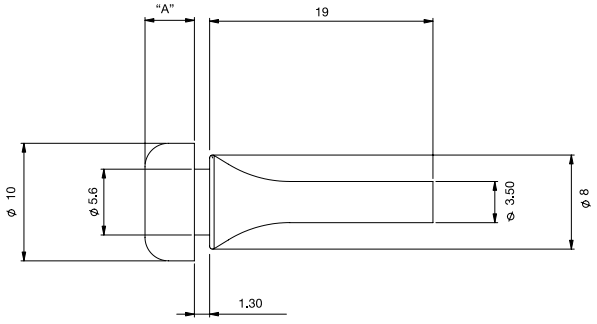

| Part Number | Dimensions (mm) | | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| | "A" | "B" | "C" | "D" | Panel Thickness | Hole Ø | Material | |
| BAB-1 | 12 | 25 | 2.3 | 6.5 | 0.6 - 0.8 | 5 - 5.4 | Black Silicone Rubber, 40 Shore A, RMS-316 | 1000 |
| BAB-2 | 12 | 25 | 2.3 | 6.5 | 0.6 - 0.8 | 5 - 5.4 | Black Silicone Rubber, 40 Shore A, RMS-316 | 1000 |
| BAB-3 | 10 | 20 | 2 | 4.3 | 0.5 | 4.7 - 5 | Black Silicone Rubber, 50 Shore A, RMS-364 | 1000 |

**BPM**

## Pull Mount Bumper

**Silicone Rubber, 65 Shore A, RMS-321**





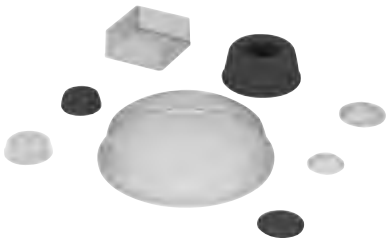

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | "A" | Hole Ø | Panel Thickness | Color | |
| BPM-1-60 | 3 | 6 - 6.35 | 1.5 | Grey | 1000 |
| BPM-2 | 4.2 | 6 - 6.35 | 1.5 | Black | 1000 |
| BPM-3-60 | 5 | 6 - 6.35 | 1.5 | Black | 1000 |

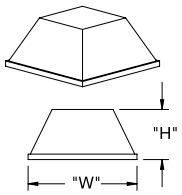
SR 1593

## Stick-On Feet/Buffers

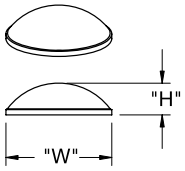
**Polyurethane (PU)**

- Ideal as feet or as furniture door buffers
- Easy to apply
- Self-adhesive backing
- Suitable for most smooth and dry surfaces

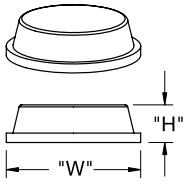




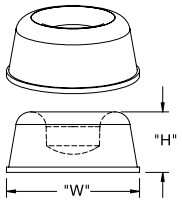

Type 1



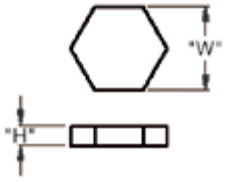

Type 2



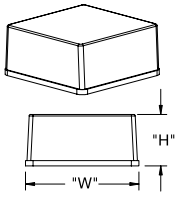

Type 3



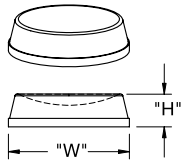

Type 4



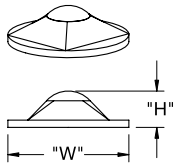

Type 5



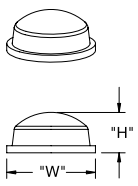

Type 6



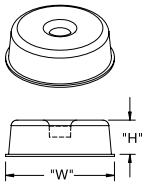

Type 7




Type 8




Type 9




Type 10

**Black & Clear**

| Type | Part Number | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | Black | Clear | Height (H) | Base Diameter (W) | |
| 1 | 32426 | - | 3.1 | 12.7 | 3000 |
| 1 | 32427 | 462164 | 5.7 | 12.7 | 3000 |
| 1 | RBS-3RBK | RBS-3R | 5.8 | 12.7 | 5000 |
| 1 | RBS-32RBK | RBS-32R | 3.1 | 12.7 | 5000 |
| 1 | RBS-29BK | RBS-29 | 6.4 | 19.8 | 2940 |
| 1 | 462171 | 462172 | 7.5 | 20.5 | 1000 |
| 1 | RBS-19BK | RBS-19 | 7.6 | 20.5 | 2646 |
| 2 | - | 462155 | 1.9 | 6.4 | 10000 |
| 2 | - | 462156 | 2.2 | 8.0 | 10000 |
| 2 | RBS-7BK | RBS-7 | 2.2 | 8.6 | 5400 |
| 2 | 461230 | 461232 | 3.1 | 10.0 | 3000 |
| 2 | RBS-44BK | RBS-44 | 4.1 | 19.1 | 2450 |
| 2 | 32430 | 32429 | 5.0 | 11.1 | 3000 |
| 2 | 32432 | 461234 | 9.5 | 19.0 | 1000 |
| 3 | 461236 | 461238 | 1.8 | 10.0 | 3000 |
| 3 | 461241 | 462169 | 1.9 | 19.0 | 3000 |
| 3 | RBS-72BK | RBS-72 | 2.5 | 31.5 | 2400 |
| 3 | RBS-34BK | RBS-34 | 3.1 | 9.5 | 6000 |
| 3 | RBS-24BK | RBS-24 | 3.1 | 20.5 | 4000 |
| 3 | 32433 | 461235 | 3.5 | 7.5 | 3000 |
| 3 | 32435 | 32434 | 3.5 | 12.7 | 3000 |
| 3 | 462159 | 462160 | 4.0 | 10.0 | 10000 |
| 3 | 39864 | - | 4.0 | 19.0 | 2600 |
| 3 | - | 462165 | 4.5 | 14.0 | 5000 |
| 3 | RBS-35BK | RBS-35 | 4.8 | 9.5 | 5000 |
| 3 | 462168 | - | 6.0 | 18.0 | 2000 |
| 3 | 43045 | - | 6.2 | 20.0 | 2000 |
| 3 | RBS-6BK | RBS-6 | 6.3 | 12.7 | 5000 |
| 3 | RBS-11BK | RBS-11 | 10.1 | 15.9 | 2560 |
| 4 | 462176 | - | 10.1 | 22.3 | 1000 |
| 5 | RBS-17BK | RBS-17 | 10.1 | 22.3 | 1440 |
| 6 | RBS-36BK | RBS-36 | 4.7 | 25.4 | 2310 |
| 6 | RBS-4BK | RBS-4 | 9.7 | 19.8 | 5600 |
| 7 | RBS-18BK | RBS-18 | 3.5 | 12.7 | 5000 |
| 8 | - | RBS-33-SD | 3.8 | 12.7 | 5000 |
| 9 | RBS-40BK | RBS-40 | 1.6 | 6.4 | 15028 |
| 9 | RBS-27BK | RBS-27 | 2.2 | 7.9 | 5400 |
| 9 | - | RBS-10 | 3 | 10 | 7200 |
| 9 | RBS-12BK | RBS-12 | 3.8 | 9.6 | 7200 |
| 9 | RBS-22BK | RBS-22 | 5.4 | 9.6 | 6000 |
| 9 | RBS-2BK | RBS-2 | 5.1 | 11.1 | 5082 |
| 9 | RBS-15BK | RBS-15 | 7.9 | 16.0 | 3200 |
| 9 | RBS-8BK | RBS-8 | 9.6 | 17.6 | 2254 |
| 9 | RBS-37BK | RBS-37 | 14.2 | 18.3 | 1500 |
| 9 | RBS-39BK | RBS-39 | 1.9 | 19.1 | 5040 |
| 10 | RBS-30BK | RBS-30 | 15.8 | 45.7 | 500 |

Grey & White

| Type | Part Number | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | Grey | White | Height (H) | Base Diameter (W) | |
| 1 | 461229 | - | 2.5 | 10.0 | 3000 |
| 1 | 462170 | 32428 | 7.5 | 20.5 | 1000 |
| 2 | 461231 | - | 3.1 | 10.0 | 3000 |
| 2 | - | 32431 | 8.0 | 16.0 | 1000 |
| 2 | 461233 | - | 9.5 | 19.0 | 1000 |
| 3 | 461237 | - | 1.8 | 10.0 | 3000 |
| 3 | 462173 | - | 3.0 | 19.7 | 4000 |
| 3 | 461240 | 461239 | 3.5 | 12.7 | 3000 |
| 4 | 32436 | - | 10.1 | 22.3 | 1000 |

SR 1503

# Stacking Buffers

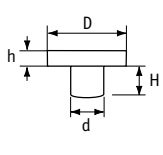
**Transparent PVC**

- Suitable for glass shelf and table-top supports
- Concave head provides a light suction effect

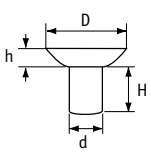
**Black PVC**

- Push-fit range ideal for stacking chairs

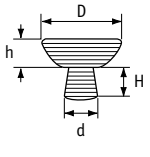




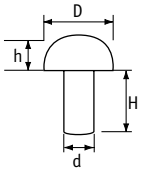

Type 1



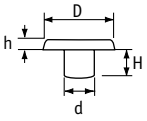

Type 2



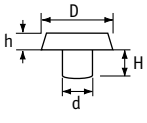

Type 3



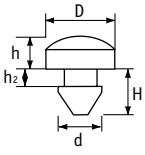

Type 1



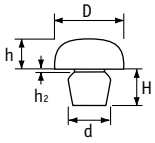

Type 2



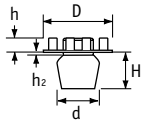

Type 3




Type 4




Type 5




Type 6

Transparent PVC

| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | d | h | H | |
| 1251324 | 2 | 15 | 6 | 4.0 | 10.0 | 5000 |
| 1251326 | 3 | 20 | 6 | 10.0 | 4.0 | 5000 |
| 1251340 | 3 | 25 | 7 | 12.0 | 5.0 | 5000 |

Black PVC

| Part Number | Type | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|
| | | D | d | h | $h_2$ | H | |
| 1251328 | 1 | 9.0 | 5 | 3.0 | - | 6.0 | 5000 |
| 1251325 | 1 | 14.0 | 6 | 6.5 | - | 15.0 | 5000 |
| 1251338 | 1 | 20.0 | 10 | 8.0 | - | 10.0 | 2500 |
| 1251335 | 2 | 9.5 | 5 | 3.0 | - | 6.0 | 5000 |
| 1251334 | 2 | 12.0 | 6 | 3.0 | - | 7.5 | 5000 |
| 1251337 | 2 | 14.0 | 6 | 4.0 | - | 15.0 | 5000 |
| 1251336 | 2 | 18.0 | 8 | 5.0 | - | 15.0 | 5000 |
| 1251330 | 2 | 20.0 | 8 | 5.0 | - | 15.0 | 2500 |
| 1251327 | 2 | 24.0 | 11 | 5.0 | - | 13.0 | 2500 |
| 1251333 | 3 | 12.0 | 6 | 2.5 | - | 9.0 | 5000 |
| 1287140 | 4 | 12.0 | 5 | 4.0 | 4.5 | 8.0 | 5000 |
| 1251339 | 5 | 12.0 | 6 | 2.0 | 1.0 | - | 5000 |
| 1251329 | 5 | 12.0 | 6 | 4.5 | 1.0 | - | 5000 |

SR 1503

## Double Saddle Feet

**Black Nylon**

• Used to connect adjacent tubes

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Fits Tube Dia | Distance Between Tube Centres | |
| 466731 | 22 | 42 | 100 |
| 466732 | 25 | 42 | 100 |



SR 1503

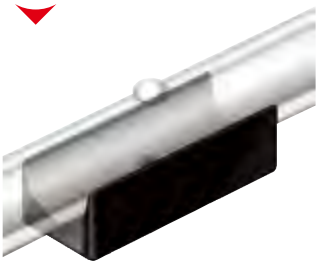
## Saddle Bases

**Black LDPE**

• Act as feet when fitted to bottom of tubes

Extended Range

| Part Number | Type | Dimensions (mm) | | | Hole or Peg Dia (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | Fits Tube Dia | Length | Width | | |
| SBFA2225-B | 1 | 22-25 | 50 | 22 | 5.0 | 1000 |
| SBFA25-45B | 1 | 25 | 45 | 25 | 5.7 | 1000 |
| SBFA2830-B | 1 | 28-30 | 45 | 25 | 5.0 | 1000 |
| 466733 | 2 | 16-19 | 33 | 22 | 5.0 | 500 |
| 466734 | 2 | 22-25 | 35 | 25 | 5.0 | 500 |
| 466735 | 2 | 28-32 | 40 | 31 | 5.0 | 250 |



Type 1



Type 2

SR 1503

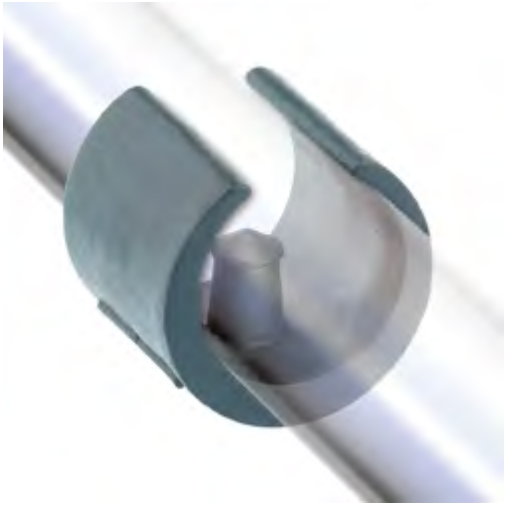
## Metric Saddle Feet

**Black LDPE**

• Fit around metal tubes to act as a foot

• Ideal for protecting floor surfaces

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | Fits Tube Dia | Peg Dia | |
| 461151 | 14-16 | 5.5 | 4000 |
| 461152 | 16-18 | 5.5 | 4000 |
| 461153 | 18-20 | 5.5 | 4000 |
| 465457 | 20-22 | 5.5 | 3000 |
| 465456 | 24-26 | 7.5 | 1500 |
| 465452 | 28-30 | 7.5 | 1500 |



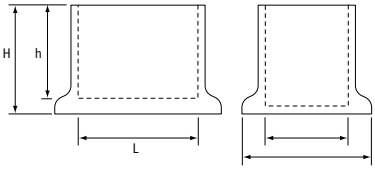
SR 1526

## Angled & Flat Bar Feet

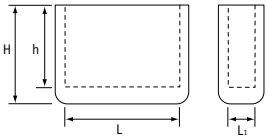
**Black PE or PVC**

- Ferrules to suit right-angled and flat bars
- Can be used as feet
- Ridge on edge of angled base provides extra stability
- Protect floor surfaces








Angle Bases - Black PE

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L | H | h | |
| 465363 | 25 x 25 | 24 | 19 | 1000 |
| HA300B | 30 x 30 | 24 | 19 | 1000 |

Bar Bases - Black PVC

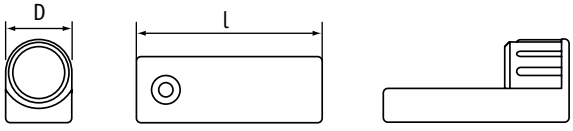
| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L x $L_1$ | H | h | |
| 465361 | 25 x 5 | 19 | 15 | 2500 |
| 465364 | 25 x 6 | 19 | 15 | 1250 |
| 465362 | 30 x 6 | 19 | 15 | 2500 |

SR 1559

## Stand-Off Round Feet

**Black LDPE**





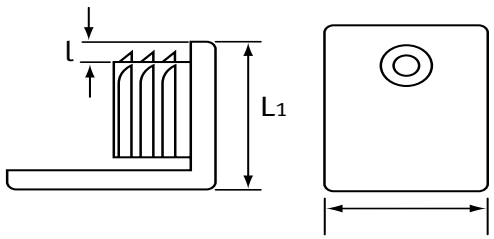

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | D | l | |
| HIR200-20B | 20 | 46.2 | 500 |
| HIR320-15B * | 30 | 51.5 | 500 |
| HIR380-20B * | 38 | 51.7 | 500 |

* Plain shank

SR 1559

## Stand-Off Square Feet

**Black LDPE**



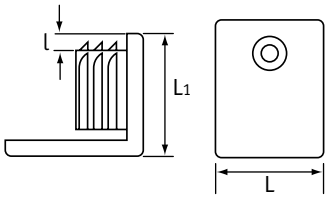



| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | L | l | |
| HIS200-RB | 20 | 1.2 | 1000 |
| HIS300-RBKNP | 30 | 1.2 | 1000 |

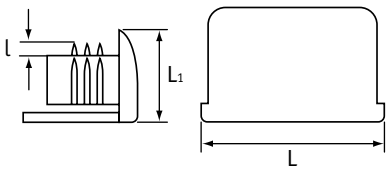
SR 1559

## Stand-Off Rectangular Feet

**Black LDPE**




Type 1




Type 2



| Part Number | Type | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| | | L x L1 | l | |
| HIT400200-RB | 1 | 40 x 20 | 1.2 | 1000 |
| HIT500250-RB | 1 | 50 x 25 | 1.2 | 500 |
| HIT500300-RB | 1 | 50 x 30 | 1.0-1.2 | 500 |
| HITF400200-RB | 2 | 40 x 20 | 1.2 | 500 |

SR 1547

# Twin Wheel Castor

**Black Nylon**

- Spark eroded finish
- Easy glide action
- Choice of mounting stems
- A choice of fittings below



Hooded



50mm - hooded Braked

## 30mm Hooded Twin Wheel Castors

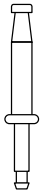
| Part Number | Wheel Dia. (mm) | Hooded | Braked | Max Static Load Bearing (kg) | Std Pack Qty |
|---|---|---|---|---|---|
| 601448 | 30 | Yes | No | 30 | 100 |
| 601449 | 30 | Yes | Yes | 30 | 100 |

## 40mm Hooded Twin Wheel Castors

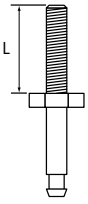
| Part Number | Wheel Dia. (mm) | Hooded | Braked | Max Static Load Bearing (kg) | Std Pack Qty |
|---|---|---|---|---|---|
| 601450 | 40 | Yes | No | 40 | 400 |
| 601451 | 40 | Yes | Yes | 40 | 400 |

## 30mm/40mm Hooded Twin Wheel Castors Fittings

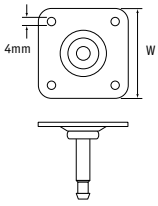
| Part Number | Type | Dimensions(mm) | Std Pack Qty |
|---|---|---|---|
| 601452 | 2 | M6*15 (L) | 100 |
| 601453 | 2 | M8*15 (L) | 100 |
| 601456 | 3 | 30*30 (W) *1.5d=4 | 100 |
| 601457 | 3 | 38*38 (W) *1.5d=8 | 100 |
| 601454 | 1 | 8*18 (L) | 100 |
| 601468 | 4 | | 100 |
| 601469 | 4 | | 100 |



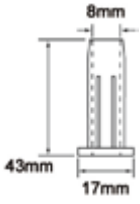
Type 1
Gripneck Stem




Type 2
Threaded Stem




Type 3
Plate Fixing




Type 4
Plastic Socket for Gripneck Stem

## 50mm Hooded Twin Wheel Castors

| Part Number | Wheel Dia. (mm) | Hooded | Braked | Max Static Load Bearing (kg) | Std Pack Qty |
|---|---|---|---|---|---|
| 601458 | 50 | Yes | No | 50 | 300 |
| 601459 | 50 | Yes | Yes | 50 | 300 |

## 60mm Hooded Twin Wheel Castors

| Part Number | Wheel Dia. (mm) | Hooded | Braked | Max Static Load Bearing (kg) | Std Pack Qty |
|---|---|---|---|---|---|
| 601460 | 60 | Yes | No | 60 | 200 |
| 601461 | 60 | Yes | Yes | 60 | 200 |

## 50mm/60mm Hooded Twin Wheel Castors Fittings

| Part Number | Type | Dimensions(mm) | Std Pack Qty |
|---|---|---|---|
| 601462 | 2 | M8*15 (L) | 100 |
| 601463 | 2 | M10*15 (L) | 100 |
| 601465 | 3 | 35*35 (W) *1.5d=4 | 100 |
| 601466 | 3 | 38*38 (W) *2.0d=5 | 100 |
| 601467 | 3 | 42*42 (W) *2.0d=5 | 100 |
| 601464 | 1 | 8*38 (L) | 100 |
| 601468 | 4 | | 100 |
| 601469 | 4 | | 100 |

The weight loadings quoted in this catalogue are for guide purposes only and assume that castors are used in a normal operating environment with floors in a smooth and reasonable condition.
Uneven or irregular floors will cause increased shock loadings. Castors of higher load-bearing capacity must be specified in these situations.
Castor loading capacity can be seriously impaired if castors are misused or poorly maintained, e.g. if used outside normal operating temperatures and/or if used in caustic environments.

ESSENTRA COMPONENTS

# MORE **CHOICES** THAN EVER

We've got tube inserts in all shapes: square, rectangular, oval and round. Threaded, ribbed and notched, they're easy to fit and available in various materials, colours and finishes.



Tube Connectors are an integral part of any tubular build. Using our NEW expanding connectors means that you can be sure your tubes fit together securely, without showing the connection.





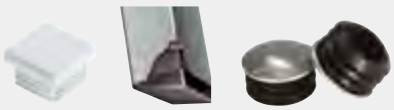
FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# TUBE INSERTS, CONNECTORS AND FERRULES


**Tube Inserts**

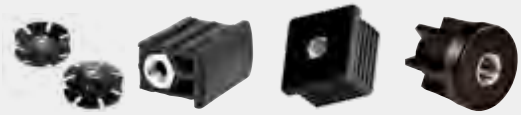
**670-679**





**Threaded Inserts**

**680-683**





**Tube Connectors**

**684-685**





**Ferrules**

**686-687**





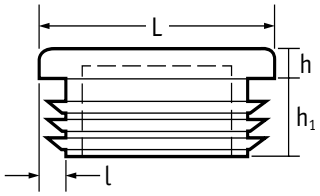
SR 1540

# Ribbed Square Inserts

**Black and White LDPE**

- Ribbed for easy assembly and secure fitting
- Cover sharp tube edges

Extended Range






| Part Number | | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| Black | | White | L (mm) | L (ins) | h (mm) | h1 (mm) | l (mm) | l (gauge) | |
| Polished | Eroded | Eroded | | | | | | | |
| - | 20594275 | - | 10 | - | 4 | 12 | 0.8-2.5 | - | 17500 |
| - | 20594282 | - | 12 | - | 4 | 12 | 1.0-2.0 | - | 12500 |
| - | 111211 | - | 12.7 | 1/2 | 4 | 11.5 | 0.8 - 2.0 | 14-20 | 2500 |
| - | 20594299 | - | 13 | | 4 | 12 | 0.5-2.0 | - | 10000 |
| - | 111539 | 111615 | 15 | - | 4 | 11.5 | 0.8 - 2.0 | - | 2000 |
| - | 111213 | - | 16 | 5/8 | 5 | 11.5 | 0.8 - 2.5 | 12-20 | 2500 |
| - | 20594312 | - | 18 | | 5 | 11.5 | 1.5 - 3.0 | - | 5000 |
| 111196 | 111214 | - | 19 | 3/4 | 5 | 11.5 | 0.8 - 2.5 | 10-12 | 2500 |
| 111197 | 111215 | - | 20 | - | 5 | 11.5 | 0.8 - 2.5 | - | 2500 |
| - | 111216 | - | 22 | 7/8 | 5 | 11.5 | 0.8 - 2.5 | 10-12 | 2500 |
| 111199 | 111217 | - | 25 | - | 5 | 14.5 | 1.0 - 3.0 | - | 2500 |
| - | 111218 | - | 25.4 | 1 | 5 | 11.5 | 1.0 - 2.5 | 12-20 | 2500 |
| 111200 | - | - | 25.4 | 1 | 5 | 11.5 | 1.0 - 2.5 | 12-20 | 2500 |
| 111201 | 111219 | - | 30 | - | 5 | 11.5 | 1.0 - 3.0 | - | 2000 |
| 111203 | - | - | 40 | - | 5 | 11.5 | 0.8 - 2.5 | - | 500 |
| 111205 | - | - | 50 | - | 5 | 14.5 | 1.0 - 3.0 | - | 500 |
| - | 111540 | 111616 | 32 | 1 1/4 | 5 | 11.5 | 1.0 - 3.0 | 10-18 | 1500 |
| - | 111220 | - | 35 | 1 3/8 | 5 | 11.5 | 1.0 - 3.0 | 10-18 | 1500 |
| 111503 | 111541 | 111617 | 38 | 1 1/2 | 5 | 14.5 | 1.0 - 3.0 | 10-18 | 1000 |
| 111203 | 111221 | - | 40 | - | 5 | 14.5 | 1.0 - 3.0 | - | 500 |
| - | 111222 | - | 45 | - | 5 | 14.5 | 1.0 - 3.0 | - | 500 |
| 111205 | 111223 | - | 50 | - | 5 | 14.5 | 1.0 - 3.0 | - | 500 |
| - | 199274 | - | 50 | - | 6.6 | 18 | 3.0 - 5.0 | - | 500 |
| - | 111224 | - | 50.8 | 2 | 5 | 14.5 | 1.0 - 3.0 | 10-18 | 500 |
| - | 466560 | - | 55 | - | 5 | 14.5 | 2.0 - 4.0 | - | 400 |
| - | 111225 | - | 60 | - | 5 | 14.5 | 1.0 - 3.0 | - | 250 |
| - | 111542 | - | 63.5 | 2 1/2 | 6 | 14.5 | 1.0 - 3.0 | 11-20 | 250 |
| - | 111543 | 111619 | 65 | - | 6 | 14.5 | 1.0 - 3.0 | - | 250 |
| - | 111226 | - | 70 | - | 6 | 22 | 2.0 - 4.0 | - | 150 |
| - | 111544 | 111620 | 75 | - | 6 | 22 | 2.0 - 4.0 | - | 200 |
| - | 111545 | - | 76.2 | 3 | 6 | 22 | 2.0 - 4.0 | 8-14 | 200 |
| - | 111227 | 111263 | 80 | - | 6 | 22 | 2.0 - 4.0 | - | 150 |
| - | 20594541 | - | 90 | - | 6 | 25 | 3.0 - 5.0 | - | 100 |
| - | 20594558 | - | 95 | - | 6 | 21.5 | 3.5 - 5.5 | - | 200 |
| - | 111228 | - | 100 | - | 7 | 22 | 2.0 - 4.0 | - | 100 |
| - | 20594589 | - | 110 | - | 6 | 24 | 3.0 - 5.0 | - | 60 |
| - | 466558 | - | 120 | - | 5 | 25 | 2.5 - 5.0 | - | 100 |
| - | 20594619 | - | 140 | - | 3 | 34 | 4.0 - 7.0 | - | 40 |
| - | 466559 | - | 150 | - | 7 | 27 | 5.0 - 8.0 | - | 75 |
| 199188 | - | - | 44.4 | - | 4.7 | 15.7 | 1.0 - 2.0 | 14-18 | 500 |

FP

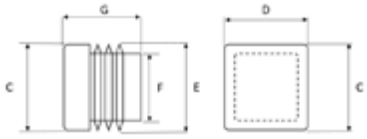
## Square Insert

**LLDPE**

- Easy assembly
- Provide protection from sharp tube ends



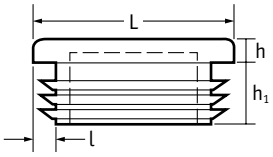
| Part Number | C | D | E | F | G |
|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm |
| FP030 | 29.8 | 29.9 | 27.3 | 21.5 | 17.4 |
| FP040 | 39.5 | 39.5 | 40.1 | 28.8 | 19.4 |
| FP050 | 50.0 | 50.0 | 48.4 | 40.0 | 19.4 |
| FP100 | 100.3 | 100.2 | 96.8 | 83.2 | 32.5 |




SR 1540

## Ribbed Square Inserts

**Mid Grey LDPE**





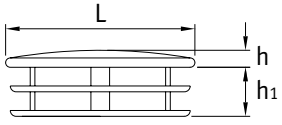

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Mid-grey | | | | | | | | |
| Polished | Eroded | L (mm) | L (ins) | h (mm) | $h_1$ (mm) | l (mm) | l (gauge) | |
| 111265 | - | 12.7 | ½ | 4.0 | 11.5 | 0.8 - 2.0 | 14-20 | 2500 |
| - | 111691 | 15.0 | - | 4.0 | 11.5 | 0.8 - 2.0 | - | 2000 |
| 111267 | - | 16.0 | ⅝ | 5.0 | 11.5 | 0.8 - 2.5 | 12-20 | 2500 |
| 111268 | 111286 | 19.0 | ¾ | 5.0 | 11.5 | 0.8 - 2.5 | 12-20 | 2500 |
| - | 111287 | 20.0 | - | 5.0 | 11.5 | 0.8 - 2.5 | - | 2500 |
| - | 111288 | 22.0 | ⅞ | 5.0 | 11.5 | 0.8 - 2.5 | 12-20 | 2500 |
| - | 111289 | 25.0 | - | 5.0 | 11.5 | 1.0 - 2.5 | - | 2500 |
| 111272 | 111290 | 25.4 | 1 | 5.0 | 11.5 | 1.0 - 2.5 | 12-20 | 2500 |
| - | 111291 | 30.0 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 2500 |
| - | 111692 | 32.0 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 1500 |
| 111655 | 111693 | 38.0 | - | 5.0 | 14.5 | 1.0 - 3.0 | - | 1000 |
| - | 111293 | 40.0 | - | 5.0 | 14.5 | 1.0 - 3.0 | - | 500 |
| 111276 | - | 45.0 | - | 5.0 | 14.5 | 1.0 - 3.0 | - | 2000 |
| 111277 | 111295 | 50.0 | - | 5.0 | 14.5 | 1.0 - 3.0 | - | 2000 |
| - | 111296 | 50.8 | 2 | 5.0 | 14.5 | 1.0 - 3.0 | 10-18 | 2000 |
| 111814 | - | 60.0 | - | 5.0 | 24.3 | 3.0 - 4.0 | - | 250 |
| - | 111697 | 76.2 | 3 | 6.0 | 22.0 | 2.0 - 4.0 | 8-14 | 200 |

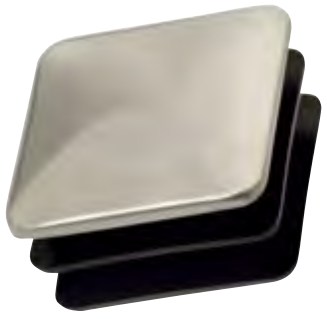
SR 1543

## Chrome-Plated Square Inserts

**Black Polyethylene**

- Give neat, polished finish
- Ribbed for ease of fitting and positive fit
- For wall thicknesses of 1.0 - 2.0mm



| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L | $h_1$ | h | |
| 465341 | 16 | 9 | 2 | 1000 |
| 465340 | 20 | 10 | 2 | 1000 |
| 465343 | 25 | 10 | 2 | 1000 |
| 465342 | 30 | 10 | 3 | 1000 |
| 465344 | 40 | 12 | 3 | 1000 |

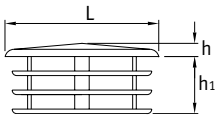
SR 1542

## Lightweight Square Inserts

**Black Polyethylene**

- Provide neat, finished appearance
- For wall thicknesses of 1.0 - 2.0mm






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L | $h_1$ | h | |
| 465482 | 12 | 9 | 3 | 5000 |
| 465479 | 15 | 11 | 3 | 5000 |
| 465477 | 20 | 11 | 4 | 3000 |
| 465476 | 25 | 15 | 5 | 2500 |
| 465481 | 30 | 15 | 5 | 2000 |
| 465480 | 40 | 16 | 4 | 750 |

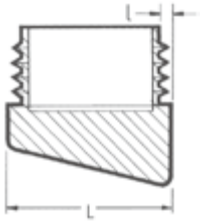
SR 1555

## Angled Square Inserts

**Black Polyethylene**

- Easy assembly
- Durable and long lasting
- Perfect for tube ends or uneven surfaces and for tubes which meet surfaces at an angle






Angled Square Inserts (Imperial)

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L | I | Angle | |
| 466557 | 20 | 1.0-2.0 | 10° | 500 |
| 199118* | 20 | 1.2 | 5° | 2500 |
| 199134* | 20 | 1.2 | 25° | 2500 |
| 199132 | 25 | 1.0-1.5 | 15° | 2500 |

* With stacking buffers

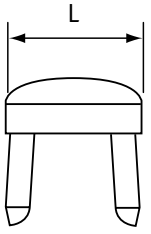
SR 1554

## Metal-Pronged Square Inserts

**Steel**

- Useful for fitting into tubular frames before finishing






| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | L (mm) | L (ins) | I (gauge) | I (mm) | |
| PFGS222-16 | 22.2 | 7/8 | 16 | 1.6 | 625 |
| PFGS254-16 | 25.4 | 1 | 16 | 1.6 | 500 |

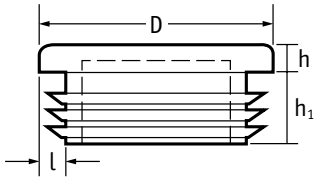
SR 1530

# Standard Round Ribbed Inserts

**Black and White LDPE**

- Ribbed for easy assembly and secure fitting
- Provide protection from sharp tube edges

Extended Range







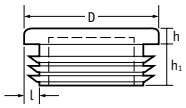

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black Eroded | White Eroded | L (mm) | L (ins) | h (mm) | h1 (mm) | l (mm) | l (gauge) | |
| 111527 | 111603 | 10 | - | 3.5 | 11.5 | 0.8-2.0 | - | 2500 |
| 111528 | 111604 | 12 | - | 3.5 | 11.5 | 0.8-2.0 | - | 2500 |
| 111053 | - | 12.7 | 1/2 | 4 | 11.5 | 0.8-2.0 | 12-20 | 2500 |
| 111054 | - | 13 | - | 4 | 11.5 | 0.8-2.0 | - | 2500 |
| 465609 | - | 14 | - | 5 | 11.5 | 1.5-2.0 | - | 2500 |
| 465610 | - | 15 | - | 5 | 11.5 | 0.8-2.0 | - | 2500 |
| 111055 | - | 16 | 5/8 | 5 | 11.5 | 0.8-2.0 | 12-20 | 5000 |
| 111529 | 111605 | 18 | - | 5 | 11.5 | 0.8-2.0 | - | 1500 |
| 111056 | - | 19 | 3/4 | 5 | 11.5 | 0.8-2.0 | 12-20 | 1500 |
| 111057 | - | 20 | - | 5 | 11.5 | 0.8-2.0 | - | 1500 |
| 465608 | - | 21 | - | 5 | 11.5 | 0.8-2.0 | - | 1500 |
| 111058 | - | 22 | 7/8 | 5 | 11.5 | 0.8-2.0 | 12-20 | 1500 |
| 465598 | - | 23 | - | 5 | 11.5 | 0.8-2.5 | - | 1000 |
| 465599 | - | 24 | - | 5 | 11.5 | 1.0-2.5 | - | 1000 |
| 111059 | - | 25 | - | 5 | 11.5 | 1.0-3.0 | - | 1000 |
| 111060 | - | 25.4 | 1 | 5 | 11.5 | 1.0-3.0 | 10-18 | 1000 |
| 460665 | - | 26 | - | 5 | 11.5 | 1.0-3.0 | - | 3000 |
| 20573997 | | 27 | | 5 | 11.5 | 1.0-3.0 | | 2750 |
| 111061 | - | 28 | - | 5 | 12.4 | 1.0-3.0 | - | 1000 |
| 111062 | - | 28.6 | 1 1/8 | 5 | 11.5 | 1.0-3.0 | 10-18 | 1000 |
| 111063 | - | 30 | - | 5 | 12.4 | 1.0-3.0 | - | 1000 |
| 111064 | - | 32 | 1 1/4 | 5 | 11.5 | 1.0-3.0 | 10-18 | 1000 |
| 111065 | - | 34 | - | 5 | 11.5 | 1.0-3.0 | - | 1000 |
| 111530 | 111606 | 35 | - | 5 | 11.5 | 1.0-3.0 | - | 1500 |
| 111531 | 111607 | 37 | - | 5 | 11.5 | 1.0-3.0 | - | 1500 |
| 111066 | - | 38 | 1 1/2 | 5 | 11.5 | 1.0-3.0 | 10-18 | 1000 |
| 111067 | 111107 | 40 | - | 5 | 11.5 | 1.0-3.0 | - | 1000 |
| 111533 | - | 41.3 | 1 5/8 | 5 | 11.5 | 1.0-3.0 | 11-20 | 1000 |
| 111532 | 111608 | 42 | - | 5 | 11.5 | 1.0-3.0 | - | 1000 |
| 20574116 | | 43 | | 5 | 11.5 | 2.0 - 2.5 | | 1000 |
| 111535 | 111611 | 44.4 | 1 3/4 | 5 | 11.5 | 1.0-3.0 | 11-20 | 1000 |
| 111534 | 111610 | 45 | - | 5 | 11.5 | 1.0-3.0 | - | 1000 |
| 111536 | 111612 | 47.6 | 1 7/8 | 5 | 11.5 | 1.0-3.0 | 11-20 | 800 |
| 111068 | 111108 | 50 | - | 5 | 14.5 | 1.0-3.0 | - | 500 |
| 111069 | - | 50.8 | 2 | 5 | 14.5 | 1.0-3.0 | 10-18 | 500 |

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black Eroded | White Eroded | L (mm) | L (ins) | h (mm) | h1 (mm) | l (mm) | l (gauge) | |
| 20574208 | | 52 | | 5 | 14.5 | 1.5 - 3.5 | | 650 |
| 465600 | - | 55 | - | 5 | 11.5 | 1.0-3.0 | - | 600 |
| 20594619 | | 140 | | 3 | 34 | 4.0 - 7.0 | | 40 |
| 466559 | - | 150 | - | 7 | 27 | 5.0 - 8.0 | - | 75 |
| - | - | 44.4 | - | 4.7 | 15.7 | 1.0 - 2.0 | 14-18 | 500 |
| 20574222 | | 57.2 | | 5 | 14.5 | 1.2 - 2.7 | | 500 |
| 111070 | - | 60 | - | 5 | 14.5 | 1.0-3.0 | - | 400 |
| 199268 | - | 63.5 | 2 1/2 | 6 | 20 | 2.0-4.0 | 8-12 | 400 |
| 111538 | - | 63.5 | 2 1/2 | 5 | 14.5 | 1.0-3.0 | 11-20 | 250 |
| 111537 | 111613 | 65 | - | 5 | 14.5 | 1.0-3.0 | - | 250 |
| 465601 | - | 70 | - | 5 | 21 | 2.0-4.5 | - | 300 |
| 111071 | - | 75 | - | 6 | 22 | 2.0-4.0 | - | 250 |
| 111072 | - | 76.2 | 3 | 6 | 22 | 2.0-4.0 | 8-14 | 250 |
| 465602 | - | 80 | - | 4 | 21 | 1.5-3.0 | - | 360 |
| 465603 | - | 85 | - | 6 | 21 | 1.5-4.0 | - | 150 |
| 20574345 | | 88.9 | | 6 | 21.5 | 1.5 - 4.0 | | 150 |
| 20574369 | | 90 | | 6 | 20 | 1.5 - 5.0 | | 150 |
| 465605 | - | 95 | - | 6 | 21 | 1.5-4.0 | - | 125 |
| 465606 | 460687 | 100 | - | 6 | 28 | 2.0-4.5 | - | 80 |
| 20574390 | | 101.6 | | 6 | 28 | 3.6 - 6.0 | | 80 |
| 20574406 | | 102 | | 5 | 20 | 2.0 - 4.0 | | 100 |
| 465596 | - | 105 | - | 6 | 28 | 2.0-4.5 | - | 75 |
| 20574420 | | 108 | | 6 | 28 | 3.0 - 5.0 | | 75 |
| 465597 | - | 110 | - | 6 | 28 | 2.0-4.5 | - | 100 |
| 465607 | - | 120 | - | 6 | 28 | 2.0-4.0 | - | 60 |
| 20574451 | - | 127 | - | 6 | 33 | 3.2 - 7.0 | - | 45 |
| 20574468 | - | 130 | - | 6 | 33 | 2.0 - 6.0 | - | 40 |
| 20574475 | - | 133 | - | 6 | 33 | 2.0 - 6.0 | - | 40 |
| 20574482 | - | 140 | - | 6 | 34 | 2.0 - 6.5 | - | 40 |
| 20574499 | - | 150 | - | 6 | 34 | 2.0 - 7.0 | - | 30 |
| 20574505 | - | 160 | - | 6 | 34 | 2.5 - 7.0 | - | 30 |
| 20574512 | - | 168.3 | - | 6 | 34 | 2.0 - 6.5 | - | 25 |
| 20574529 | - | 177.8 | - | 6 | 34 | 3.2 - 8.0 | - | 20 |
| 20574536 | - | 193.7 | - | 6 | 34 | 2.9 - 8.0 | - | 20 |

SR 1530

## Standard Round Ribbed Inserts

**Mid Grey LDPE**






| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Polished | Eroded | D (mm) | D (ins) | h | $h_1$ | l (mm) | l (gauge) | |
| - | 111679 | 10.0 | - | 3.5 | 11.5 | 0.8-2.0 | - | 2500 |
| - | 111680 | 12.0 | - | 3.5 | 11.5 | 0.8-2.0 | - | 2500 |
| 111113 | - | 12.7 | 1/2 | 4.0 | 11.5 | 0.8-2.0 | 12-20 | 2500 |
| 111115 | - | 16.0 | 5/8 | 5.0 | 11.5 | 0.8-2.0 | 12-20 | 2500 |
| - | 111681 | 18.0 | - | 5.0 | 11.5 | 0.8-2.0 | - | 1500 |
| 111116 | - | 19.0 | 3/4 | 5.0 | 11.5 | 0.8-2.0 | 12-20 | 1500 |
| - | 111137 | 20.0 | - | 5.0 | 11.5 | 0.8-2.0 | - | 1500 |
| 111118 | 111138 | 22.0 | 7/8 | 5.0 | 11.5 | 0.8-2.0 | 12-20 | 1500 |
| 111119 | - | 25.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1500 |
| 111120 | - | 25.4 | 1 | 5.0 | 11.5 | 1.0-3.0 | 10-18 | 1500 |
| - | 111141 | 28.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1500 |
| 111122 | - | 28.6 | 1 1/8 | 5.0 | 11.5 | 1.0-3.0 | 10-18 | 1000 |
| 111123 | - | 30.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1000 |
| - | 111144 | 32.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1000 |
| - | 111682 | 35.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1500 |
| - | 111683 | 37.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 2000 |
| 110662 | - | 38.1 | 1 1/2 | 5.0 | 14.5 | 2.0-4.0 | 8-12 | 1000 |
| 111126 | - | 38.0 | 1 1/2 | 5.0 | 11.5 | 1.0-3.0 | 10-18 | 1000 |
| - | 111147 | 40.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1000 |
| - | 111685 | 41.3 | 1 5/8 | 5.0 | 11.5 | 1.0-3.0 | 11-20 | 1000 |
| - | 111684 | 42.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1000 |
| - | 111687 | 44.4 | 1 3/4 | 5.0 | 11.5 | 1.0-3.0 | 11-20 | 1000 |
| - | 111686 | 45.0 | - | 5.0 | 11.5 | 1.0-3.0 | - | 1000 |
| - | 111688 | 47.6 | 1 7/8 | 5.0 | 11.5 | 1.0-3.0 | 11-20 | 800 |
| 111128 | - | 50.0 | - | 5.0 | 14.5 | 1.0-3.0 | - | 500 |
| 111130 | - | 60.0 | - | 5.0 | 14.5 | 1.0-3.0 | - | 400 |
| - | 111690 | 63.5 | 2 1/2 | 5.0 | 14.5 | 1.0-3.0 | 11-20 | 250 |

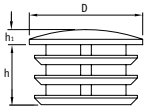
SR 1562

## Chrome-Plated Round Inserts

**Black Polyethylene**



- Attractive chrome-plated finish provides enhanced aesthetic appearance
- Ribbed for ease of insertion and positive fit




| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | Wall Thickness | D | h | $h_1$ | |
| 465335 | 1.5 | 13.0 | 8.0 | 2.0 | 4000 |
| 463586 | 1.5 | 16.0 | 10.0 | 2.0 | 2000 |
| 465333 | 1.5 | 18.0 | 10.0 | 2.0 | 2000 |
| 465336 | 1.5 | 19.0 | 10.0 | 2.0 | 3000 |
| 465338 | 1.5 | 20.0 | 10.0 | 3.0 | 2000 |
| 465334 | 1.5 | 22.0 | 11.0 | 3.0 | 3000 |
| 462994 | 1.5 | 25.0 | 15.0 | 3.0 | 2000 |
| 463587 | 1.5 | 28.0 | 15.0 | 3.0 | 2000 |
| 463020 | 1.5 | 30.0 | 16.0 | 3.0 | 2000 |
| 463588 | 1.5 | 32.0 | 16.0 | 3.0 | 2000 |
| 463021 | 1.5 | 35.0 | 16.0 | 3.0 | 2000 |
| 465337 | 1.5 | 38.0 | 16.0 | 3.0 | 1000 |
| 463022 | 1.5 | 40.0 | 16.0 | 3.0 | 250 |
| 465339 | 1.5 | 45.0 | 16.0 | 3.0 | 750 |
| 463023 | 1.5 | 50.0 | 12.0 | 3.0 | 200 |
| 465332 | 1.5 | 60.0 | 12.0 | 3.0 | 200 |

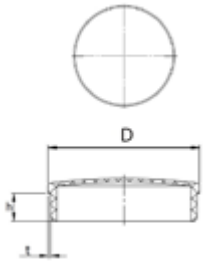
SR 5723

## Round Tube Insert

**ABS**

NEW

- Ribbed shank to aid insertion and retention.






| Part Number | D | L | Tube Thickness |
|---|---|---|---|
| 499089 | 8 | 5 | 1 |
| 499090 | 10 | 5 | 1 |
| 499091 | 12 | 5 | 1 |
| 499092 | 13 | 6 | 1 |
| 499093 | 14 | 8 | 1 |
| 20604318 | 16 | 8 | 1 |
| 20604325 | 16 | 8 | 1.5 |
| 499095 | 18 | 8 | 1.2 |
| 499096 | 18 | 8 | 1.5 |
| 499098 | 20 | 4.5 | 1.2 |
| 499099 | 20 | 4.5 | 1.5 |
| 499101 | 22 | 8 | 1.2 |
| 499102 | 22 | 8 | 1.5 |
| 499103 | 22 | 8 | 2 |
| 499104 | 25 | 11 | 1 |
| 499105 | 25 | 11 | 1.2 |
| 499106 | 25 | 11 | 1.5 |
| 499107 | 25 | 11 | 2 |
| 20604332 | 28 | 10 | 1 |
| 20604349 | 28 | 10 | 1.2 |
| 20604356 | 28 | 10 | 1.5 |
| 20604363 | 28 | 10 | 2 |
| 499110 | 30 | 10 | 1.2 |
| 499111 | 30 | 10 | 1.5 |
| 499112 | 30 | 10 | 2 |
| 499113 | 32 | 10 | 1.2 |
| 499114 | 32 | 10 | 1.5 |
| 499115 | 32 | 10 | 2 |
| 499116 | 32 | 10 | 3 |
| 499117 | 35 | 10 | 1 |
| 499118 | 35 | 10 | 1.2 |
| 499119 | 35 | 10 | 1.5 |
| 499120 | 35 | 10 | 2 |
| 20604370 | 38 | 10 | 1.5 |
| 20604387 | 38 | 10 | 2 |
| 499121 | 40 | 10 | 1 |
| 499122 | 40 | 10 | 1.5 |
| 499123 | 40 | 10 | 2 |
| 20604394 | 45 | 11 | 2 |
| 499124 | 60 | 11 | 1 |
| 499125 | 60 | 11 | 1.2 |
| 499126 | 60 | 11 | 1.5 |

SR 1560

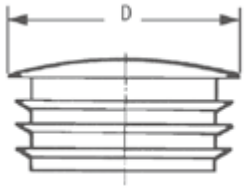
## Lightweight Round Inserts

**Black Polyethylene**

- Easy assembly
- Offer a high-quality finish to a variety of tubular products
- Metric range with ribbed shank

Ribbed (Metric)

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | Wall Thickness | Shank Height | Head Size | |
| 466562 | 10 | 0.8-1.5 | 11.5 | 2 | 5000 |
| 466563 | 12 | 1.5-2.0 | 11.5 | 2 | 5000 |
| 466564 | 14 | 1.5-2.0 | 11.5 | 3 | 2500 |
| 466565 | 15 | 0.8-2.0 | 11.5 | 3 | 2500 |
| 466566 | 16 | 0.8-2.0 | 11.5 | 3 | 2500 |
| 466567 | 18 | 0.8-2.0 | 11.5 | 3 | 2000 |
| 466568 | 19 | 0.8-2.0 | 11.5 | 3 | 2000 |
| 466569 | 20 | 0.8-2.5 | 11.5 | 3 | 2000 |
| 466570 | 22 | 1.0-2.5 | 11.5 | 3 | 2000 |
| 466571 | 24 | 1.0-2.5 | 11.5 | 3 | 2000 |
| 466572 | 25 | 1.0-2.5 | 11.5 | 3 | 3500 |
| 466573 | 28 | 0.8-2.5 | 11.5 | 3 | 3000 |
| 466574 | 30 | 0.8-2.5 | 11.5 | 3 | 2500 |
| 466575 | 32 | 0.8-2.5 | 11.5 | 3 | 2250 |
| 466576 | 35 | 1.0-3.0 | 11.5 | 3 | 1750 |
| 466577 | 38 | 1.0-3.0 | 11.5 | 3 | 1500 |
| 466578 | 40 | 1.0-3.0 | 11.5 | 3 | 1500 |
| 460789 | 42 | 0.8-2.5 | 11.5 | 3 | 1250 |
| 466579 | 45 | 1.0-3.0 | 11.5 | 3 | 1000 |
| 466580 | 50 | 1.0-2.5 | 11.5 | 3 | 800 |
| 466581 | 55 | 1.0-3.0 | 14.5 | 3 | 700 |
| 466582 | 60 | 1.5-3.0 | 18.0 | 3 | 500 |






SR 1555

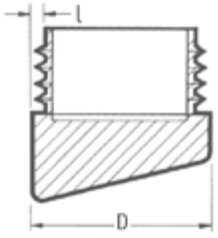
## Angled Round Inserts

**Black Polyethylene**

- Easy assembly
- Durable and long lasting
- Perfect for tube ends or uneven surfaces and for tubes which meet surfaces at an angle

Metric

| Part Number | Dimensions (mm) | | Angle | Std Pack Qty |
|---|---|---|---|---|
| | D | l | | |
| 497419 | 20 | 1.5-2.0 | 15° | 1000 |
| 497420 | 22 | 1.5-2.0 | 15° | 1000 |
| 497421 | 25 | 1.5-2.0 | 15° | 1000 |






SR 1555

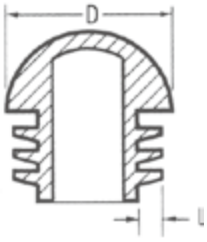
## Domed Round Inserts

**Black Polyethylene**

- Add attractive finish to high-quality tubular products

Metric (Textured Finish)

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | D | l | |
| 465325 | 16 | 1.5-2.0 | 4000 |
| 465324 | 18 | 1.5-2.0 | 4000 |
| 111559 | 20 | 0.8-2.0 | 4000 |
| 111560 | 22 | 0.8-2.0 | 2000 |
| 111561 | 25 | 0.8-2.0 | 2000 |
| 465321 | 28 | 1.5-2.0 | 1500 |
| 465323 | 30 | 1.5-2.0 | 1000 |
| 465322 | 32 | 1.5-2.0 | 1500 |
| 111562 | 35 | 0.8-2.0 | 1500 |
| 465318 | 40 | 1.5-2.0 | 500 |





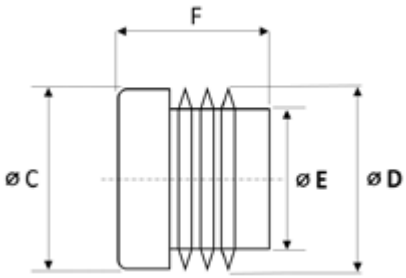

FCR

## Round Insert

**LLDPE**

NEW

- Easy assembly
- Provide protection from sharp tube ends






| Part Number | C mm | D mm | E mm | F mm |
|---|---|---|---|---|
| FCR019 | 19.0 | 17.8 | 12.0 | 19.0 |
| FCR019WH | 19.0 | 17.8 | 12.0 | 19.0 |
| FCR100 | 25.0 | 23.8 | 15.0 | 22.0 |
| FCR114 | 31.2 | 29.8 | 21.5 | 16.5 |
| FCR114GRUV | 31.2 | 29.8 | 21.5 | 16.5 |
| FCR134 | 43.7 | 40.4 | 33.0 | 19.5 |

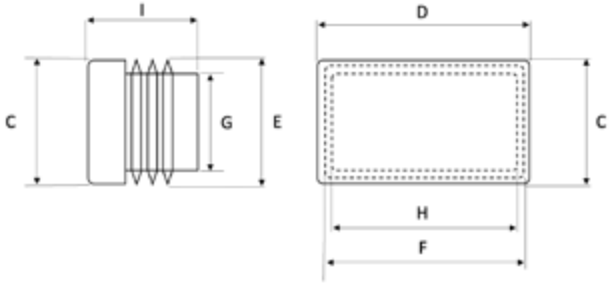
FPR

## Rectangle Insert

**LLDPE**

NEW

- Easy assembly






| Part Number | C mm | D mm | E mm | F mm | G mm | H mm | I mm |
|---|---|---|---|---|---|---|---|
| FPR04020 | 19.9 | 40.0 | 17.8 | 38.2 | 11.5 | 32.0 | 20.0 |
| FPR05025 | 24.5 | 49.6 | 21.0 | 47.5 | 17.0 | 44.2 | 20.0 |
| FPR07550 | 50.2 | 75.7 | 47.5 | 71.8 | 38.0 | 62.2 | 24.8 |
| FPR08040 | 39.6 | 79.4 | 35.9 | 76.8 | 26.0 | 67.0 | 19.4 |
| FPR10050 | 49.2 | 99.0 | 44.9 | 97.8 | 36.2 | 81.8 | 26.5 |
| FPR150100 | 99.6 | 149.3 | 95.5 | 145.8 | 78.0 | 128.0 | 35.0 |
| FPR06020R | 20.0 | 60.2 | 18.5 | 58.0 | 14.0 | 54.5 | 16.3 |

# Key Solutions for Data Centres

## IT CABINET HARDWARE

### CABINET LOCKING SOLUTIONS

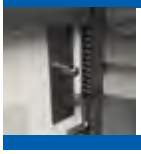

ROTARY LATCH SYSTEM FOR MULTIPLE LOCKING POINTS


SWING HANDLE LOCKS


FLUSH COMPRESSION LEVER LATCHES


ELECTRONIC LOCKING SYSTEMS

### HINGES FOR DOORS & PANELS




CONCEALED AND CORNER HINGES


SPRING LOADED REMOVABLE CONCEALED HINGES

### SEALING GASKETS & EDGE PROTECTION


SEALING GASKETS


EMI GASKETS



### HANDLES


RECESSED HANDLES


PULL HANDLES

### FEET & CASTORS


CABINET LEVELLING FEET


SWIVEL CASTORS



## CABLE MANAGEMENT

### PROTECT CABLES FROM DAMAGE




CABLE DUCTS


CABLE CONDUIT


SLIT HARNESS WRAP

### ORGANISE & ROUTE CABLES


HEAT STABILISED CABLE TIES


HOOK & LOOP CABLE TIES


CABLE STRAPS


MARKER CABLE TIES


CABLE TIE MOUNTS


CABLE CLAMPS

### CABLE ENTRY


BRUSH STRIPS


CABLE GLANDS



### EMI SUPPRESSION


SOLID FERRITE CORES


SPLIT FERRITE CORES



## ELECTRONIC HARDWARE

### PCB MOUNTING, FIBRE MANAGEMENT, LED COMPONENTS, CABLE TERMINALS, INSULATORS AND PROTECTIVE COVERS


CARD GUIDES & PULLERS


SUPPORTS


INSULATION STANDOFFS


SPACERS


FAN HARDWARE


FIBRE SPLICE PROTECTORS


FIBRE SPLICE TRAYS & CLIPS


LED MOUNTING HARDWARE


LED LIGHT PIPES


TERMINAL INSULATORS


DUST CAPS & COVERS

## COMMON CHALLENGES WE CAN MAKE EASIER FOR YOU:

- Handling of IT cabinets and access panels
- Access control and security
- Reducing Electromagnetic interference (EMI)
- Routing, organising and protecting cables
- Network hardware and power distribution unit (PDU) monitoring
- Keeping equipment cool
- Splicing fibre cables
- Mounting and managing PCBs

**65+** YEARS EXPERIENCE

GLOBAL MANUFACTURER

FREE CADs

FREE SAMPLES

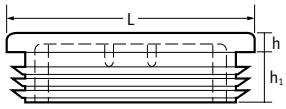
SR 1550

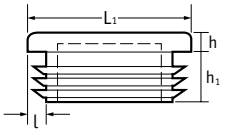
# Ribbed Rectangular Inserts

**Black, Grey and White LDPE**

- Ideal for most popular sizes and gauges of rectangular tubes

Extended Range








| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black Eroded | White Eroded | L x L1 (mm) | L (ins) | h (mm) | h1 (mm) | l (mm) | l (gauge) | |
| 111548 | 111624 | 38.1 x 25.4 | 1½ x 1 | 5 | 11.5 | 1.0 - 3.0 | – | 2000 |
| 498704 | – | 40 x 15 | – | 5 | 11.57 | 1.5 - 2.0 | – | 1000 |
| 460749 | 057913060303 | 150 x 50 | – | 6 | 28 | 2.0 - 4.0 | – | 200 |
| 498690 | 057914060303 | 150 x 100 | – | 7 | 27.5 | 3.0 - 8.0 | – | 100 |
| 498706 | – | 50 x 40 | – | 5 | 12 | 1.5 - 2.0 | – | 500 |
| 111354 | – | 20 x 10 | – | 3 | 11.5 | 0.8 - 2.0 | – | 2000 |
| 20590710 | – | 20 x 15 | – | 5 | 11.5 | 1.0 - 2.0 | – | 5000 |
| 111355 | – | 25 x 10 | – | 3 | 11.5 | 0.8 - 2.0 | – | 2000 |
| 498699 | – | 25 x 15 | – | 5 | 11.5 | 0.8 - 2.5 | – | 1000 |
| 498700 | – | 25 x 20 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1000 |
| 111356 | – | 25.4 x 12.7 | 1 x ½ | 3 | 11.5 | 0.8 - 2.0 | 14 - 20 | 1000 |
| 498701 | – | 30 x 10 | – | 3 | 11.5 | 0.75 - 2.0 | – | 1000 |
| 111357 | – | 30 x 15 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1000 |
| 111358 | – | 30 x 20 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1000 |
| 498702 | – | 30 x 25 | – | 5 | 13.5 | 1.5 - 2.0 | – | 1000 |
| 111546 | – | 34.9 x 15.9 | 1⅜ x ⅝ | 4 | 11.5 | 1.0 - 3.0 | 11-20 | 2500 |
| 460715 | – | 35 x 10 | – | 3.5 | 11.5 | 0.75 - 2.0 | – | 5500 |
| 111547 | 111623 | 35 x 20 | – | 5 | 11.5 | 1.0 - 3.0 | – | 2000 |
| 20590796 | – | 35 x 25 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1750 |
| 111360 | – | 38.1 x 19.1 | 1½ x ¾ | 5 | 11.5 | 1.0 - 3.0 | 10-18 | 2000 |
| 20590802 | – | 40 x 10 | – | 5 | 10.5 | 1.5 - 2.0 | – | 3000 |
| 20590819 | – | 40 x 15 | – | 5 | 12 | 1.0 - 2.0 | – | 2500 |
| 111361 | – | 40 x 20 | – | 5 | 11.5 | 1.0 - 3.0 | – | 2000 |
| 111549 | 111625 | 40 x 25 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1500 |
| 111362 | – | 40 x 30 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1000 |
| 20590857 | – | 45 x 20 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1750 |
| 20590871 | – | 45 x 30 | – | 5 | 12 | 1.0 - 2.5 | – | 1250 |
| 20590888 | – | 50 x 10 | – | 3.5 | 12 | 1.0 - 2.0 | – | 3500 |
| 111363 | – | 50 x 20 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1000 |
| 111364 | – | 50 x 25 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1000 |
| 111366 | – | 50 x 30 | – | 5 | 11.5 | 1.0 - 3.0 | – | 1000 |
| 20590925 | – | 50 x 40 | – | 5 | 12.5 | 1.5 - 3.0 | – | 600 |
| 111550 | – | 50.8 x 31.8 | – | 5 | 11.5 | 1.0 - 3.0 | 11-20 | 1000 |
| 111365 | – | 50.8 x 25.4 | 2 x 1 | 5 | 11.5 | 1.0 - 3.0 | 10-18 | 1000 |
| 20590932 | – | 60 x 15 | – | 5 | 14.5 | 1.0 - 2.0 | – | 1500 |
| 111551 | 111627 | 60 x 20 | – | 5 | 14.5 | 1.0 - 3.0 | – | 1000 |
| 18422 | – | 60 x 25 | – | 5 | 11.5 | 3.0 - 4.5 | – | 1000 |
| 111367 | 111401 | 60 x 30 | – | 5 | 14.5 | 2.0 - 4.0 | – | 500 |
| 20590987 | – | 60 x 33 | – | 5 | 14.5 | 1.5 - 3.5 | – | 700 |
| 20590994 | – | 60 x 35 | – | 5 | 15 | 1.5 - 3.5 | – | 500 |
| 111368 | – | 60 x 40 | – | 5 | 14.5 | 2.0 - 4.0 | – | 500 |
| 20591014 | – | 70 x 20 | – | 5 | 19 | 1.0 - 3.5 | – | 500 |
| 498707 | – | 70 x 25 | – | 5 | 17 | 1.0 - 2.0 | – | 500 |
| 498708 | – | 75 x 25 | – | 5 | 13 | 1.5 - 2.0 | – | 500 |

Continued on Next Page

SR 1550

## Ribbed Rectangular Inserts *CONTINUED*

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | White | L x L1 (mm) | L (ins) | h (mm) | h1 (mm) | l (mm) | l (gauge) | |
| Eroded | Eroded | | | | | | | |
| 111552 | - | 76.2 x 38.1 | 3 x 1½ | 6 | 14.5 | 2.0 - 4.0 | 8-14 | 250 |
| 111553 | 111629 | 75 x 50 | – | 6 | 22 | 2.0 - 4.0 | – | 250 |
| 498708 | - | 70 x 30 | – | 5.7 | 17.7 | 1.0 - 2.0 | – | 500 |
| 20591045 | - | 70 x 40 | | 5 | 18 | 1.5 - 3.0 | | 400 |
| 498710 | - | 70 x 50 | – | 5 | 14.5 | 2.0 - 5.0 | – | 350 |
| 498711 | - | 80 x 20 | – | 6 | 17.6 | 1.0 - 2.0 | – | 600 |
| 498712 | - | 80 x 25 | – | 5 | 14.5 | 1.0 - 2.0 | – | 550 |
| 498713 | - | 80 x 30 | – | 5 | 14.5 | 1.0 - 2.5 | – | 500 |
| 111369 | 111403 | 80 x 40 | – | 5 | 14.5 | 2.0 - 4.0 | – | 250 |
| 111370 | - | 80 x 50 | – | 5 | 22 | 2.0 - 4.0 | – | 250 |
| 20591113 | - | 80 x 60 | – | 5 | 24.5 | 1.5 - 3.5 | – | 150 |
| 20591137 | - | 85 x 25 | – | 5 | 18 | 3.5 - 5.5 | – | 500 |
| 20591144 | - | 90 x 20 | – | 5 | 14.5 | 1.0 - 2.5 | – | 600 |
| 20591151 | - | 90 x 40 | – | 5 | 15 | 2.0 - 4.0 | – | 300 |
| 20591168 | - | 90 x 45 | – | 5 | 15 | 2.0 - 4.0 | – | 250 |
| 20591175 | - | 90 x 50 | – | 6 | 22 | 2.0 - 4.5 | – | 200 |
| 20591182 | - | 90 x 70 | – | 6 | 22 | 3.0 - 5.5 | – | 125 |
| 20591199 | - | 100 x 20 | – | 5 | 15 | 1.5 - 3.0 | – | 500 |
| 20591205 | - | 100 x 25 | – | 5 | 15 | 1.5 - 3.0 | – | 450 |
| 20591212 | - | 100 x 30 | – | 5 | 15 | 1.5 - 3.5 | – | 350 |
| 20591236 | - | 100 x 50 | – | 6 | 24 | 1.5 - 4.5 | – | 150 |
| 20591243 | - | 100 x 60 | – | 6 | 24 | 1.5 - 4.5 | – | 125 |
| 20591250 | - | 100 x 80 | – | 6.5 | 19 | 3.0 - 5.5 | – | 100 |
| 20591267 | - | 120 x 20 | – | 3 | 21.5 | 1.0 - 3.0 | – | 450 |
| 20591274 | - | 120 x 30 | – | 5 | 14.5 | 1.5 - 2.0 | – | 300 |
| 20591281 | - | 120 x 40 | – | 6 | 21.5 | 3.0 - 5.0 | – | 200 |
| 20591298 | - | 120 x 50 | – | 6 | 21.5 | 3.0 - 5.5 | – | 150 |
| 20591304 | - | 120 x 60 | – | 5 | 24.5 | 1.5 - 5.0 | – | 100 |
| 20591311 | - | 120 x 80 | – | 5 | 24 | 2.0 - 5.5 | – | 90 |
| 20591335 | - | 120 x 100 | – | 6 | 24 | 3.5 - 6.0 | – | 60 |
| 20591342 | - | 140 x 80 | – | 5 | 24.5 | 2.0 - 4.5 | – | 70 |
| 20591359 | - | 150 x 30 | – | 6 | 21.5 | 1.5 - 3.0 | – | 175 |
| 20591366 | - | 150 x 40 | – | 6 | 21.5 | 2.0 - 4.5 | – | 100 |
| 20591403 | - | 160 x 80 | – | 6 | 24.5 | 3.0 - 5.5 | – | 50 |

Mid Grey

| Part Number | | Dimensions (mm) | | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Polished | Eroded | L x $L_1$ (mm) | L x $L_1$ (ins) | h (mm) | $h_1$ (mm) | l (mm) | l (gauge) | |
| 111406 | - | 25 x 10 | - | 3.0 | 11.5 | 0.8 - 2.0 | - | 2000 |
| 111408 | - | 30 x 15 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 1000 |
| - | - | 30 x 20 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 1000 |
| - | 111698 | 34.9 x 15.9 | 1⅜ x ⅝ | 4.0 | 11.5 | 1.0 - 3.0 | 11-20 | 2500 |
| - | 111699 | 35 x 20 | - | 5.0 | | 1.0 - 3.0 | - | 2000 |
| - | 111428 | 38.1 x 19.1 | 1½ x ¾ | 5.0 | 11.5 | 1.0 - 3.0 | 10-18 | 1000 |
| - | 111700 | 38.1 x 25.4 | 1½ x 1 | 5.0 | 11.5 | 1.0 - 3.0 | 11-20 | 2000 |
| - | 111429 | 40 x 20 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 1000 |
| - | 111701 | 40 x 25 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 1500 |
| 111415 | 111432 | 50 x 25 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 1000 |
| - | 111434 | 50 x 30 | - | 5.0 | 11.5 | 1.0 - 3.0 | - | 1000 |
| 111416 | 111433 | 50.8 x 25.4 | 2 x 1 | 5.0 | 11.5 | 1.0 - 3.0 | 10-18 | 1000 |
| - | 111702 | 50.8 x 31.8 | 2 x 1¼ | 5.0 | 11.5 | 1.0 - 3.0 | 11-20 | 1000 |
| - | 111703 | 60 x 20 | - | 5.0 | 14.5 | 1.0 - 3.0 | - | 1000 |
| 111418 | - | 60 x 30 | - | 5.0 | 14.5 | 2.0 - 4.0 | - | 500 |
| 111806 | - | 60 x 40 | - | 5.0 | 14.5 | 1.0 - 3.0 | - | 500 |
| 111419 | - | 60 x 40 | - | 5.0 | 14.5 | 2.0 - 4.0 | - | 500 |
| - | 111705 | 75 x 50 | - | 6.0 | 22.0 | 2.0 - 4.0 | - | 250 |
| - | 111707 | 120 x 60 | - | 6.0 | 22.0 | 2.0 - 4.0 | - | 100 |

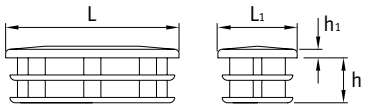
SR 1553

## Chrome-Plated Cap Rectangular Inserts

**Black Polyethylene**

- Ribbed for ease of insertion and positive fit
- Chrome-plated cap provides enhanced aesthetic appearance
- To suit wall section 1.0-2.0mm





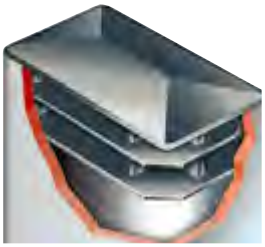

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L x L1 | h | h1 | |
| 460966 | 10 x 20 | 10 | 1.5 | 1000 |
| 460967 | 15 x 20 | 10 | 2.0 | 1000 |
| 460968 | 15 x 30 | 10 | 2.0 | 1000 |
| 460969 | 20 x 40 | 11 | 2.0 | 1000 |

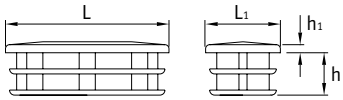
SR 1552

## Lightweight Rectangular Inserts

**Black Polyethylene**

- Ribbed for ease of insertion and positive fit
- Provide neat and attractive finish
- Gauge = 1.0-2.0mm






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L x L1 (mm) | h (mm) | h1 (mm) | |
| 465474 | 10 x 40 | 10 | 3.0 | 2500 |
| 465473 | 20 x 40 | 11 | 4.0 | 2000 |
| 465475 | 25 x 50 | 12 | 4.0 | 1500 |
| 465472 | 30 x 50 | 13 | 5.0 | 1000 |

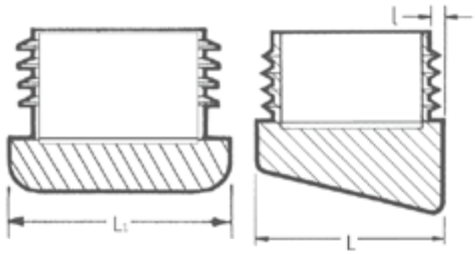
SR 1555

## Angled Rectangular Inserts

**Black Polyethylene**

- Easy assembly
- Durable and long lasting
- Perfect for tube ends or uneven surfaces and for tubes which meet surfaces at an angle






Metric

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L x L1 (mm) | l (mm) | Angle | |
| 460769 | 20 x 15 | 1.0-2.0 | 10° | 1000 |
| 460770 | 25 x 15 | 1.0-2.0 | 10° | 750 |
| 460771 | 30 x 15 | 1.0-2.0 | 10° | 500 |
| 10450 | 30 x 20 | 1.0-1.5 | 15° | 2500 |
| 10451 | 40 x 20 | 1.0-1.5 | 20° | 1250 |

SR 1557

## Ribbed Oval Inserts

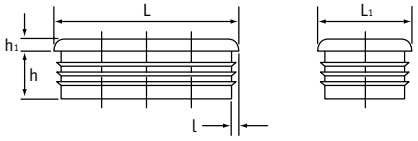
**Black Polyethylene**

- Easy assembly
- Spark-eroded surface unless otherwise stated
- Secure fixing
- Straight sides



Flat Oval (Metric)

| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | To Fit Tube Size | Gauge | |
| 111556 | 30 x 15 | 0.8 - 2.0 | 4000 |
| 465578 | 38 x 20 | 1.0-3.0 | 2500 |
| 111558 | 40 x 20 | 1.0-3.0 | 2250 |
| 465579 | 50 x 25 | 1.0-2.5 | 1250 |
| 465580 | 50 x 30 | 1.0-2.5 | 1000 |
| 465581 | 60 x 20 | 1.0-2.0 | 1000 |
| 465582 | 60 x 30 | 1.0-2.0 | 750 |

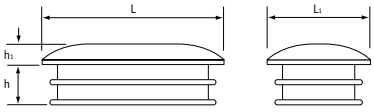



SR 1558

## Chrome Oval Inserts

**Black Polyethylene**

- Add attractive finish to high-quality tubular products
- Chrome-plated cap provides enhanced appearance
- Ribbed for ease of entry and positive fit
- Fit gauge 1.0-1.5mm





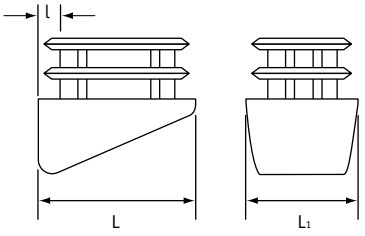

| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | L x L1 (mm) | h (mm) | h1 (mm) | |
| 1348190 | 20 x 10 | 10 | 2.0 | 3000 |
| 463024 | 30 x 15 | 10 | 2.5 | 3000 |
| 465360 | 40 x 20 | 10 | 3.0 | 500 |

SR 1555

## Angled Oval Inserts

**Black Polyethylene**

- Durable and long lasting
- Perfect for tube ends which meet surfaces at an angle



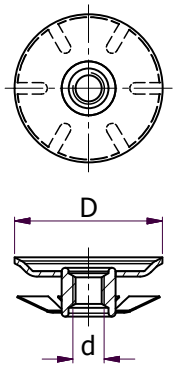



| Part Number | Dimensions (mm) | | Angle | Std Pack Qty |
|---|---|---|---|---|
| | L x L1 (mm) | l (mm) | | |
| 465327 | 30 x 15 | 1.2-1.5 | 12.5° | 1000 |
| 465326 | 30 x 15 | 1.2-1.5 | 30.0° | 2000 |

SR 1430

## Spring Threaded Insert

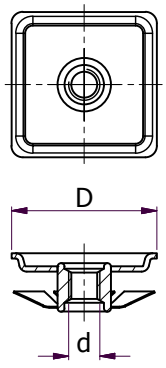
- Spring loaded insert for Round and Square tubes
- Quick fit application






Round

| Part Number | D (mm) | Thread Size | Gauge (mm) | Std Pack Qty |
|---|---|---|---|---|
| 499455 | 19.0 | M6 | 1.0 | 200 |
| 499456 | 22.0 | M6 | 1.0 | 200 |
| 499457 | 25.0 | M6 | 1.0 | 200 |
| 499458 | 25.0 | M8 | 1.2 | 200 |
| 499460 | 32.0 | M8 | 1.2 | 200 |
| 499461 | 38.0 | M8 | 1.2 | 200 |
| 499463 | 32.0 | M10 | 1.5 | 200 |
| 499464 | 38.0 | M10 | 1.5 | 200 |





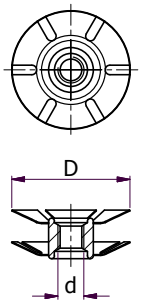

Square

| Part Number | D (mm) | Thread Size | Gauge (mm) | Std Pack Qty |
|---|---|---|---|---|
| 499465 | 19x19 | M6 | 1.0 | 200 |
| 499466 | 22x22 | M6 | 1.0 | 200 |
| 499467 | 25x25 | M6 | 1.0 | 200 |
| 499470 | 32x32 | M8 | 1.2 | 200 |
| 499471 | 38x38 | M8 | 1.2 | 200 |
| 499473 | 32x32 | M10 | 1.5 | 200 |
| 499474 | 38x38 | M10 | 1.5 | 200 |

SR 1430

## Spring Threaded Tube Connectors

- Knock-in Insert for connecting tubes
- Threaded for secure screw fixing








| Part Number | D (mm) | Thread Size | Gauge (mm) | Std Pack Qty |
|---|---|---|---|---|
| 499444 | 19 | M6 | 1.0 | 200 |
| 499445 | 22 | M6 | 1.0 | 200 |
| 499446 | 25 | M6 | 1.0 | 200 |
| 499447 | 25 | M8 | 1.2 | 200 |
| 499449 | 32 | M8 | 1.2 | 200 |
| 499450 | 38 | M8 | 1.2 | 200 |
| 499451 | 25 | M10 | 1.5 | 200 |
| 499453 | 32 | M10 | 1.5 | 200 |
| 499454 | 38 | M10 | 1.5 | 200 |

SR 1567

## All-Metal Threaded Inserts

**Cast Aluminium Alloy**

- For heavy-duty applications



Round

| Part Number | Tube Size (mm) | Gauge (mm) | Thread Size Std | Std Pack Qty |
|---|---|---|---|---|
| PZAR320-15M10 | 32 | 1.5 | M10 | 200 |
| PZAR320-2M10 | 32 | 2.0 | M10 | 250 |

Square

| Part Number | Tube Size (mm) | Gauge (mm) | Thread Size Std | Std Pack Qty |
|---|---|---|---|---|
| PZAS250-15M10 | 25 x 25 | 1.5 | M10 | 200 |
| PZAS250-2M10 | 25 x 25 | 2.0 | M10 | 200 |
| PZAS300-15M10 | 30 x 30 | 1.5 | M10 | 200 |
| PZAS300-2M10 | 30 x 30 | 2.0 | M10 | 200 |
| PZAS400-15M10 | 40 x 40 | 1.5 | M10 | 100 |
| 466585 | 40 x 40 | 2.0 | M10 | 100 |
| 466584 | 40 x 40 | 2.5 | M10 | 100 |

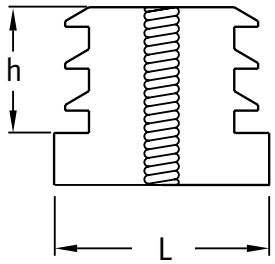
Rectangular

| Part Number | Tube Size (mm) | Gauge (mm) | Thread Size Std | Std Pack Qty |
|---|---|---|---|---|
| PZAT500250-2M10 | 50 x 25 | 2.0 | M10 | 135 |
| PZAT500300-2M10 | 50 x 30 | 2.0 | M10 | 125 |
| PZAT600300-2M10 | 60 x 30 | 2.0 | M10 | 100 |
| PZAT600300-25M1 | 60 x 30 | 2.5 | M10 | 150 |

SR 1570

# Threaded Inserts

- Can be used with either adjustable feet (SR 1572) or adjustable tilt glides (SR 1575)
- M8 and M10 thread sizes available for Type 2
- Suitable for wall thickness of 1.0 - 2.0mm






## Round - Metric

| Part Number | Dimensions (mm) | | Thread Size | Material | Std Pack Qty |
|---|---|---|---|---|---|
| | L | h | | | |
| 462371 | 16 | 34 | M6 | Nylon | 3500 |
| 462372 | 16 | 34 | M8 | Nylon | 3500 |
| 498619 | 18 | 18 | M8 | HDPE | 1000 |
| 498620 | 20 | 18 | M8 | HDPE | 1000 |
| 499809 | 20 | 19 | M10 | PP | 2000 |
| 498621 | 22 | 19 | M8 | HDPE | 1000 |
| 498622 | 22 | 19 | M10 | HDPE | 1000 |
| 462375 | 25 | 33 | M6 | Nylon | 750 |
| 498623 | 25 | 19 | M8 | HDPE | 1000 |
| 498624 | 25 | 19 | M10 | HDPE | 1000 |
| 498626 | 28 | 19 | M8 | HDPE | 1000 |
| 498625 | 28 | 19 | M10 | HDPE | 1000 |
| 498628 | 30 | 19 | M8 | HDPE | 1000 |
| 498627 | 30 | 19 | M10 | HDPE | 1000 |
| 498630 | 32 | 18 | M8 | HDPE | 1000 |
| 498629 | 32 | 19 | M10 | HDPE | 1000 |
| 462377 | 38 | 25 | M10 | Nylon | 650 |
| 498633 | 40 | 19 | M10 | PP | 500 |
| 498632 | 40 | 20 | M10 | HDPE | 1000 |
| 498634 | 45 | 21 | M10 | HDPE | 500 |
| 498635 | 50 | 20 | M8 | HDPE | 250 |
| 498636 | 50 | 21 | M10 | HDPE | 500 |

## Rectangular -Metric

| Part Number | Dimensions (mm) | | Thread Size | Material | Std Pack Qty |
|---|---|---|---|---|---|
| | L | h | | | |
| 498611 | 20 x 30 | 19 | M8 | HDPE | 1000 |
| 498610 | 20 x 30 | 19 | M10 | HDPE | 1000 |
| 498613 | 20 x 35 | 19 | M8 | HDPE | 1000 |
| 498612 | 20 x 35 | 19 | M10 | HDPE | 1000 |
| 499807 | 20 x 40 | 19 | M8 | HDPE | 1000 |
| 499806 | 20 x 40 | 19 | M10 | HDPE | 1000 |
| 498615 | 20 x 50 | 19 | M8 | HDPE | 500 |
| 498614 | 20 x 50 | 19 | M10 | HDPE | 500 |
| 498618 | 20 x 60 | 19 | M8 | HDPE | 500 |
| 498617 | 25 x 50 | 22 | M8 | HDPE | 500 |
| 498616 | 25 x 50 | 22 | M10 | HDPE | 500 |

## Square - Metric

| Part Number | Dimensions (mm) | | Thread Size | Material | Std Pack Qty |
|---|---|---|---|---|---|
| | L | h | | | |
| 498637 | 15 | 18 | M8 | HDPE | 1000 |
| 498638 | 16 | 18 | M8 | HDPE | 1000 |
| 498640 | 20 | 18 | M8 | HDPE | 1000 |
| 498641 | 22 | 18 | M8 | HDPE | 1000 |
| 498642 | 25 | 19 | M8 | HDPE | 1000 |
| 498643 | 25 | 19 | M10 | HDPE | 1000 |
| 498644 | 30 | 20 | M8 | HDPE | 1000 |
| 498645 | 30 | 20 | M10 | HDPE | 1000 |
| 498646 | 35 | 21 | M10 | HDPE | 500 |
| 498647 | 40 | 22 | M10 | HDPE | 500 |
| 498649 | 50 | 30 | M8 | HDPE | 250 |
| 498648 | 50 | 30 | M10 | HDPE | 250 |

SR 1571

# Metal-Threaded Inserts - Standard

**HDPE with Steel Nut**

- Standard-Duty insert
- Ideal for use with adjustable feet, tilt glides and castors
- Metal thread allows smooth repeatable adjustment



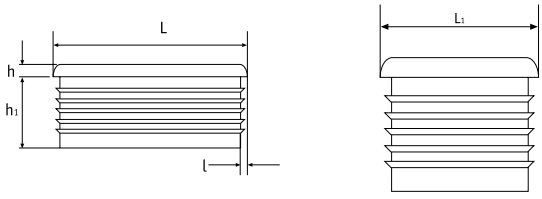
Round



Square



Rectangular




## Round

| Part Number | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| | L | h | $h_1$ | l (gauge) | | |
| 498560 | 19 | 5 | 20 | 1.0 - 1.5 | M6 | 1000 |
| 498561 | 20 | 5 | 20 | 1.0 - 1.5 | M6 | 1000 |
| 498562 | 20 | 5 | 20 | 1.0 - 1.5 | M8 | 1000 |
| 498563 | 25 | 5 | 20 | 1.0 - 1.5 | M6 | 500 |
| 498564 | 25 | 5 | 20 | 1.0 - 1.5 | M8 | 1000 |
| 498565 | 30 | 5 | 20 | 1.0 - 1.5 | M8 | 500 |
| 498566 | 30 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498567 | 32 | 5 | 20 | 1.0 - 1.5 | M8 | 500 |
| 498568 | 32 | 5 | 20 | 1.0 - 1.5 | M10 | 1000 |
| 498569 | 35 | 5 | 20 | 1.0 - 1.5 | M8 | 500 |
| 498570 | 35 | 5 | 20 | 1.0 - 1.5 | M10 | 250 |
| 498571 | 38 | 5 | 20 | 1.0 - 1.5 | M8 | 250 |
| 498572 | 38 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498573 | 38 | 5 | 20 | 1.0 - 1.5 | M12 | 500 |
| 498574 | 40 | 5 | 20 | 1.0 - 1.5 | M8 | 250 |
| 498575 | 40 | 5 | 20 | 1.0 - 1.5 | M10 | 250 |
| 498576 | 40 | 5 | 20 | 1.0 - 1.5 | M12 | 500 |
| 498577 | 50 | 5 | 20 | 1.0 - 1.5 | M8 | 100 |
| 498578 | 50 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498579 | 50 | 5 | 20 | 1.0 - 1.5 | M12 | 100 |
| 498580 | 60 | 5 | 20 | 1.0 - 1.5 | M8 | 250 |
| 498581 | 60 | 5 | 20 | 1.0 - 1.5 | M10 | 100 |
| 498582 | 60 | 5 | 20 | 1.0 - 1.5 | M12 | 100 |

## Square

| Part Number | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| | L | h | $h_1$ | l (gauge) | | |
| 498583 | 19 | 5 | 20 | 1.0 - 1.5 | M6 | 1000 |
| 498584 | 20 | 5 | 20 | 1.0 - 1.5 | M6 | 1000 |
| 498585 | 20 | 5 | 20 | 1.0 - 1.5 | M8 | 1000 |
| 498586 | 25 | 5 | 20 | 1.0 - 1.5 | M6 | 500 |
| 498587 | 25 | 5 | 20 | 1.0 - 1.2 | M8 | 500 |
| 498588 | 30 | 5 | 20 | 1.0 - 1.5 | M8 | 1000 |
| 498589 | 30 | 5 | 20 | 1.0 - 1.5 | M10 | 250 |
| 498590 | 35 | 5 | 20 | 1.0 - 1.5 | M8 | 500 |
| 498591 | 35 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498592 | 40 | 5 | 20 | 1.0 - 1.5 | M8 | 200 |
| 498593 | 40 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498594 | 40 | 5 | 20 | 1.0 - 1.5 | M12 | 500 |
| 498595 | 50 | 5 | 20 | 1.0 - 1.5 | M8 | 100 |
| 498596 | 50 | 5 | 20 | 1.0 - 1.5 | M10 | 250 |
| 498597 | 50 | 5 | 20 | 1.0 - 1.5 | M12 | 250 |

## Rectangular

| Part Number | Dimensions (mm) | | | | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| | L x $L_1$ (mm) | h | $h_1$ | l (gauge) | | |
| 498598 | 30 x 20 | 5 | 20 | 1.0 - 1.5 | M8 | 500 |
| 498599 | 30 x 20 | 5 | 20 | 1.0 - 1.5 | M10 | 1000 |
| 498600 | 40 x 20 | 5 | 20 | 1.0 - 1.5 | M8 | 250 |
| 498601 | 40 x 20 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498602 | 40 x 30 | 5 | 20 | 1.0 - 1.5 | M8 | 500 |
| 498603 | 40 x 30 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498604 | 50 x 25 | 5 | 20 | 1.0 - 1.5 | M8 | 250 |
| 498605 | 50 x 25 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498606 | 50 x 30 | 5 | 20 | 1.0 - 1.5 | M8 | 200 |
| 498607 | 50 x 30 | 5 | 20 | 1.0 - 1.5 | M10 | 500 |
| 498608 | 60 x 30 | 5 | 20 | 1.0 - 1.5 | M8 | 250 |
| 498609 | 60 x 30 | 5 | 20 | 1.0 - 1.5 | M10 | 250 |

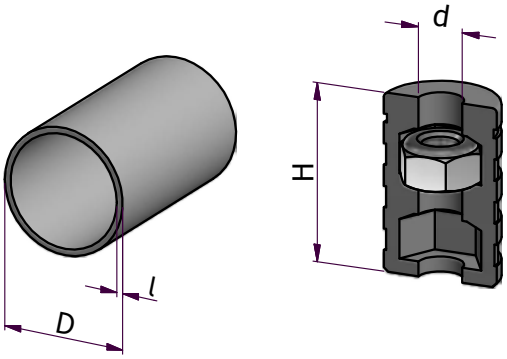
SR 6428

# Round Expanding Tube Connectors

**Nylon**

- Male and Female parts sold seperately
- Both male and female parts screw together, the screw and nut tighten to hold in place
- Male Connectors have a Stainless Steel Bolt
- Female connectors have a Stainless Steel Nut






**Female part (with nut)**

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | D | l (Gauge) | H | d | |
| 551759 | 16 | 1.0 | 42 | M6 | 800 |
| 550307 | 19 | 1.5 | 39 | M6 | 800 |
| 550314 | 20 | 1.0 | 42 | M8 | 400 |
| 551766* | 20 | 2.0 | 42 | M8 | 400 |
| 551761 | 22 | 1.5 | 42 | M6 | 600 |
| 550318 | 22 | 1.0 | 42 | M8 | 400 |
| 550321 | 22 | 1.2 | 42 | M8 | 400 |
| 550309 | 25 | 1.5 | 42 | M6 | 600 |
| 550325 | 25 | 1.5 | 42 | M8 | 350 |
| 550308 | 28 | 1.5 | 41 | M6 | 300 |
| 550329 | 28 | 2.0 | 42 | M8 | 300 |
| 551763 | 30 | 2.0 | 35 | M6 | 300 |
| 550333 | 30 | 1.5 | 42 | M8 | 300 |
| 550337 | 30 | 2.0 | 42 | M8 | 300 |
| 550341 | 30 | 1.5 | 42 | M10 | 200 |
| 551770 | 32 | 1.5 | 42 | M10 | 200 |
| 550345 | 35 | 1.5 | 42 | M10 | 200 |
| 551772 | 35 | 2.0 | 43 | M10 | 200 |
| 550349 | 38 | 1.2 | 42 | M10 | 150 |

* Parts do not fit the saddle connectors

**Male part (with bolt)**

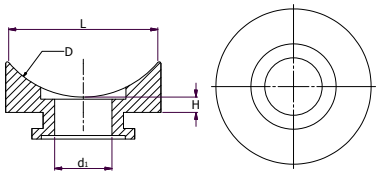
| Part Number | Dimensions (mm) | | | Thread Length | Thread Size | Std Pack Qty |
|---|---|---|---|---|---|---|
| | D | l (Gauge) | H | | | |
| 551758 | 16 | 1.0 | 42 | 30 | M6 | 800 |
| 550304 | 19 | 1.5 | 39 | 30 | M6 | 800 |
| 551764 | 20 | 1.0 | 42 | 30 | M8 | 400 |
| 551765* | 20 | 2.0 | 42 | 30 | M8 | 400 |
| 551760 | 22 | 1.5 | 42 | 30 | M6 | 600 |
| 550317 | 22 | 1.0 | 42 | 30 | M8 | 400 |
| 550320 | 22 | 1.2 | 42 | 30 | M8 | 400 |
| 550306 | 25 | 1.5 | 42 | 30 | M6 | 600 |
| 550324 | 25 | 1.5 | 42 | 30 | M8 | 350 |
| 550305 | 28 | 1.5 | 41 | 30 | M6 | 300 |
| 550328 | 28 | 2.0 | 42 | 30 | M8 | 300 |
| 551762 | 30 | 2.0 | 35 | 30 | M6 | 300 |
| 550332 | 30 | 1.5 | 42 | 30 | M8 | 300 |
| 550336 | 30 | 2.0 | 42 | 30 | M8 | 300 |
| 550340 | 30 | 1.5 | 42 | 30 | M10 | 200 |
| 551769 | 32 | 1.5 | 42 | 30 | M10 | 200 |
| 550344 | 35 | 1.5 | 42 | 30 | M10 | 200 |
| 551771 | 35 | 2.0 | 43 | 30 | M10 | 200 |
| 550348 | 38 | 1.2 | 42 | 30 | M10 | 150 |

* Parts do not fit the saddle connectors

## Saddle Connectors

- Suitable for the M8 range of expander connectors (SR6428)
- Fits to the top of the connector to attach a horizontal tube





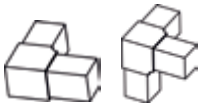

| Part Number | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|
| | L | d1 | H | D | |
| 550437 | 22 | M8 | 2 | 13.5 | 500 |
| 550438 | 28 | M8 | 2 | 13.5 | 500 |

SR 1509

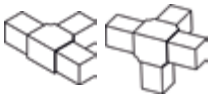
## Multi-Way Tube Connectors for Square Tubes

**Black Nylon with or without Steel Core**





Type 1 Type 2



Type 3 Type 4



Type 5 Type 6 Type 7

| Part Number | Dimensions (mm) | | Type | Std Pack Qty |
|---|---|---|---|---|
| | Tube Size (mm) | Gauge (mm) | | |
| 463708 | 20 | 1.5 | 1 | 100 |
| 463709 | 20 | 1.5 | 2 | 50 |
| 490986 | 20 | 1.5 | 3 | 200 |
| 463710 | 20 | 1.5 | 4 | 50 |
| 490987 | 20 | 1.5 | 5 | 150 |
| 463711 | 20 | 1.5 | 6 | 50 |
| 490992 | 20 | 1.5 | 7 | 50 |
| CIT-250-15-2W | 25 | 1.5 | 1 | 100 |
| CIT-250-15-3WC | 25 | 1.5 | 2 | 50 |
| CIT-250-15-3WF | 25 | 1.5 | 3 | 50 |
| CIT-250-15-4W | 25 | 1.5 | 4 | 50 |
| CIT-250-15-4WF | 25 | 1.5 | 5 | 50 |
| CIT-250-15-5W | 25 | 1.5 | 6 | 50 |
| 462364 | 25 | 1.5 | 7 | 100 |

NB: Connectors are supplied in two parts, held together when fitted.

SR 1503

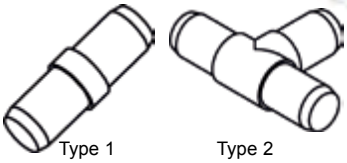
## Multi-Way Tube Connectors for Round Tubes

**Black Nylon**

• Ideal for popular sizes of round tubing

Metric with Metal Core





Type 1 Type 2

| Part Number | Dimensions (mm) | | Type | Std Pack Qty |
|---|---|---|---|---|
| | Tube Size (mm) | Gauge (mm) | | |
| 463696 | 20 | 1.5 | 1 | 325 |
| 463698 | 25 | 1.5 | 1 | 250 |
| 463700 | 30 | 1.5 | 1 | 125 |
| 463694 | 32 | 1.0 | 2 | 50 |
| 463702 | 32 | 1.5 | 1 | 125 |

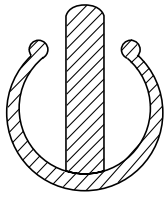
SR 1508

## Tube Locks

**Dark Grey Polypropylene**

• Secure two telescopic tubes in place
• Metal pin provides additional strength
• Reusable
• Easy to install by drilling 1/4







| Part Number | To Fit Tube Size | To Fit Tube Size (mm) | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|---|
| | | | Pin Diameter | Pin Length | |
| 497452 | 3/4" - 7/8" | 19.1 - 22.2 | 6 | 25 | 1000 |
| 497453 | 7/8" - 1" | 22.2 - 25.4 | 6 | 28 | 1000 |

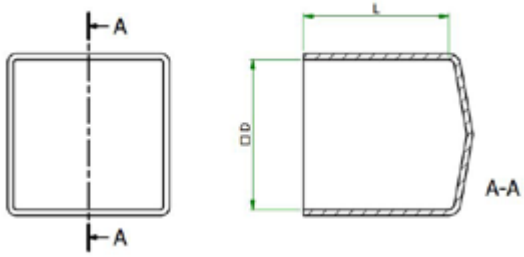
SR 1523

## Square Gloss Caps

**Black Flexible PVC**

- Ideal for finishing tubular products
- Flexible and easy to fit
- Give attractive gloss finish






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | D | D (ins) | l (mm) | |
| SQWA-0159-015 | 16.0 | 5/8 | 15.0 | 2500 |
| SQWA-0200-015 | 20.0 | - | 15.0 | 5000 |
| SQWA-0250-015 | 25.0 | 1 | 15.0 | 1250 |
| SQWA-0159-025 | 16.0 | 5/8 | 25.0 | 2500 |
| SQWA-0200-025 | 20.0 | - | 25.0 | 1250 |
| SQWA-0250-025 | 25.0 | 1 | 25.0 | 1000 |
| SQWA-0300-025 | 30.0 | - | 25.0 | 1000 |
| SQWA-0400-025 | 40.0 | - | 25.0 | 500 |
| SQWA-0500-025 | 50.0 | - | 25.0 | 400 |
| SQWA-0300-040 | 30.0 | - | 40.0 | 500 |
| SQWA-0400-040 | 40.0 | - | 40.0 | 400 |
| SQWA-0500-040 | 50.0 | 2 | 50.0 | 200 |

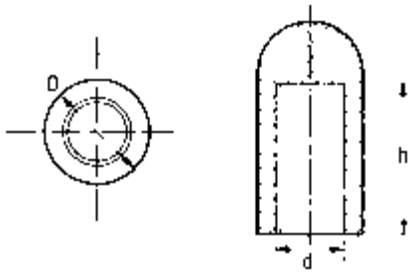
SR 1500

## End Tips

**PVC**

- Choice of black or white
- Add protection or a neat finish to a wide range of applications






| Part Number | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Black | White | d | h | D | |
| 10461 | 50987 | 2.4 | 6.6 | 5.6 | 20000 |
| 11343 | 10395 | 2.7 | 12.2 | 6.3 | 20000 |
| 110476 | 110477 | 3.0 | 9.7 | 5.5 | 20000 |
| 12351 | - | 3.2 | 5.1 | 5.5 | 20000 |
| 11227 | 10393 | 3.2 | 14.2 | 7.0 | 20000 |
| 11794 | 61797 | 3.2 | 9.7 | 5.5 | 20000 |
| 12352 | 50256 | 4.0 | 13.3 | 6.2 | 20000 |
| 110593 | 110596 | 4.0 | 9.2 | 5.5 | 20000 |
| 10565 | 50288 | 4.8 | 14.2 | 7.0 | 20000 |
| 10870 | 12889 | 5.0 | 20.3 | 7.9 | 10000 |
| 199462 | - | 6.0 | 11.0 | 8.5 | 20000 |
| 10427 | 51237 | 6.3 | 15.5 | 8.7 | 10000 |
| 51033* | - | 6.4 | 10.4 | 7.9 | 20000 |
| 12635* | - | 6.4 | 13.2 | 9.5 | 10000 |
| 12888 | 10855 | 7.0 | 18.0 | 9.8 | 10000 |
| 10283 | 51378 | 7.6 | 17.0 | 11.0 | 10000 |
| 51320* | - | 7.9 | 13.2 | 9.5 | 20000 |
| 12355 | 10384 | 8.0 | 24.2 | 10.5 | 10000 |
| 51114* | 51297 | 9.5 | 13.3 | 11.1 | 15000 |

* Flat head

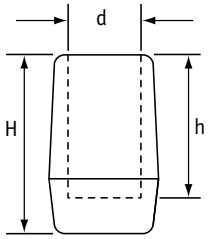
SR 1516

## Heavy-Duty Round Ferrules

**Black PVC**

- Heavy-duty ferrule with flat thick base
- Ideal for protecting tubular products
- Thick base gives extra protection from rough edges






| Part Number | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|
| | d | H | h | |
| 465365 | 10.0 | 28.0 | 22.0 | 2000 |
| 465367 | 12.0 | 31.0 | 24.0 | 2000 |
| 465366 | 16.0 | 36.0 | 29.0 | 1000 |
| 465369 | 18.0 | 38.0 | 31.0 | 1000 |
| 465368 | 20.0 | 40.0 | 33.0 | 750 |

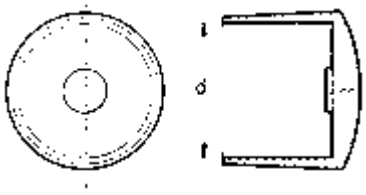
SR 1510

## Round Ferrules

**LDPE**

- Choice of black or white
- Gives neat finish to tubular products
- Gloss finish as standard






Metric

| Part Number | | d (mm) | Std Pack Qty |
|---|---|---|---|
| Black | White | | |
| 465377 | 465374 | 18.0 | 2500 |
| 465373 | 600252 | 20.0 | 2000 |
| 465372 | 465483 | 25.0 | 2000 |
| 465376 | 600253 | 28.0 | 2000 |
| 465375 | 465371 | 30.0 | 1500 |

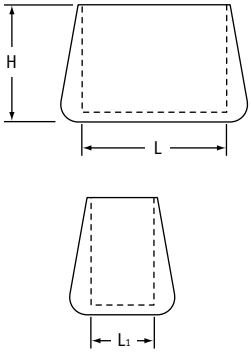
SR 1522

## Oval Ferrule

**Black PVC**

- Provide neat finish to oval-shaped tubes
- Cover sharp tube edges
- Flexible and easy to fit






| Part Number | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|
| | L x $L_1$ | H | |
| 465370 | 30 x 15 | 24.0 | 1500 |

SR 1520

## Conical Ferrule

**PVC**

NEW



| Part Number | | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| Black | White | d | H | h | |
| 1251366 | – | 4.0 | 11.0 | 9.0 | 5000 |
| 1251379 | – | 5.0 | 13.0 | 10.0 | 5000 |
| 1251354 | – | 6.0 | 14.0 | 11.0 | 5000 |
| 1251362 | 1251363 | 8.0 | 16.0 | 13.0 | 5000 |
| 1251356 | - | 10.0 | 18.0 | 14.0 | 5000 |
| 1251364 | 1251365 | 12.0 | 21.0 | 17.0 | 3000 |
| 1251360 | 1251361 | 14.0 | 23.0 | 18.0 | 2000 |
| 1284230 | 1284231 | 16.0 | 25.0 | 20.0 | 2500 |
| 1251370 | 1251371 | 18.0 | 27.0 | 22.0 | 2000 |
| 1251352 | – | 20.0 | 30.0 | 24.0 | 1000 |
| 1251350 | – | 22.0 | 32.0 | 26.0 | 1000 |
| 1251358 | 1251359 | 25.0 | 36.0 | 30.0 | 750 |
| 1251376 | 1251378 | 28.0 | 38.0 | 32.0 | 500 |
| 1251374 | – | 30.0 | 41.0 | 34.0 | 500 |
| 1251368 | 1251369 | 32.0 | 43.0 | 39.0 | 400 |
| 1251372 | – | 35.0 | 47.0 | 40.0 | 250 |

ESSENTRA COMPONENTS



# FURNITURE FITTINGS

A range of furniture accessories for the construction, protection, and aesthetic enhancement of furniture. Our wide range of screw and nut cover caps conceal and protect various types of screws and bolts.

Our desktop cable cover helps you keep your cables tidy. We provide a range of colours and types for you to choose from.





FREE Samples

Please refer to the back cover of this catalogue for contact details of Essentra Components Asia Pacific offices.

# FURNITURE FITTINGS

## Screw and Nut Cover Caps

**692-697**



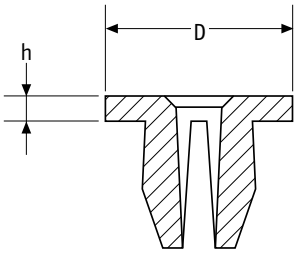
SR 1959

## Grommet Nuts

**Natural Nylon 6.6**

• For a secure threaded connection between two panels





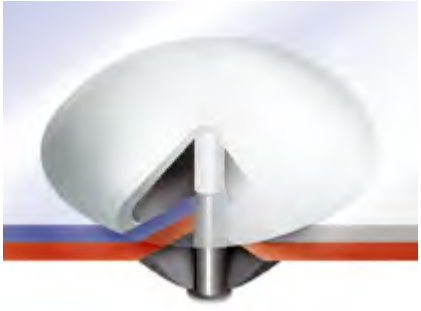

| Part Number | Self-Tapping Screw Size | Dimensions (mm) | | Panel Hole Size (mm) | Panel Hole Thickness (mm) | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | D | h | | | |
| 162501300002 | 2.9 | 8.0 | 1.3 | 5.0 x 5.0 | 0.8 - 2.5 | 250 |
| 162601400002 | 3.5 | 10.0 | 1.4 | 6.0 x 6.0 | 0.8 - 3.0 | 250 |
| 162701500002 | 4.2 | 12.0 | 1.5 | 7.0 x 7.0 | 0.8 - 4.0 | 250 |
| 162801600002 | 4.8 | 14.0 | 1.6 | 8.0 x 8.0 | 0.8 - 5.0 | 250 |

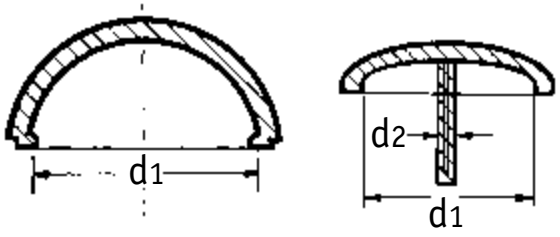
SR 1804

## Blind Rivet Caps

**HDPE**

• Remains flexible and is resistant to changing weather conditions






| Part Number | | Dimensions (mm) | | Std Pack Qty |
|---|---|---|---|---|
| Black | White | $d_1$ | $d_2$ | |
| 065180711404 | 065180715404 | 6.8 | 1.8 | 500 |
| 065230811404 | 065230815404 | 8.4 | 2.3 | 500 |
| 065321311404 | 065321315404 | 12.7 | 2.3 | 500 |
| 065271511404 | 065271515404 | 14.6 | 2.7 | 500 |

**SR 1801**

## Unicaps

**PP**

- Cap and washer conceals and protects exposed screws or bolts
- All washers available in white
- To specify colour required, add the two-digit colour code to the part number





36403



36400



35799

### Low-Profile Caps

| Part Number | Type | Colour Code | Dimensions (mm) | | To Fit Screw Gauge | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | | Cap Height | Outside Diameter | | |
| 130-- | 61Cap | 00/80/82 | 4.2 | 10.0 | M3 | 2500 |
| 13099 | 61Washer | White | 4.2 | - | M3 | 2500 |
| 132-- | 63Cap | 00/80/82 | 4.5 | 13.2 | M4 | 2500 |
| 13299 | 83Washer | White | 4.5 | - | M4 | 2500 |
| 134-- | 64Cap | 00/80/82 | 4.8 | 16.2 | M5 | 2500 |
| 13499 | 84Washer | White | 4.8 | - | M5 | 2500 |

* 00 White 80 Black 82 Silver

### Other Unicap Components

| Part Number | Item | O.D. of Washer (mm) | I.D. of Hole (mm) | Color | To Fit Screw Gauge |
|---|---|---|---|---|---|
| 35799 | Large hole washer for 64 cap | 14.7 | 6.5 | White | M6 |
| 36403* | Mirror plug | 16.0 | 4.0 | Natural | M4 |
| 36400* | Washer plug for 63 cap | 11.2 | 4.0 | Natural | M4 |

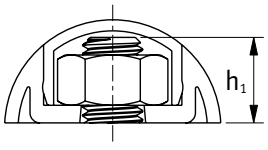
* LDPE

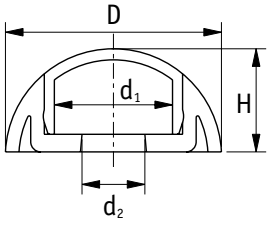
**SR 2040**

## Secure Cover Caps

**Polypropylene**

- Ideal for playground equipment and outdoor furniture






| Part Number Base | Part Number Cap | Color | Nut Size | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | | D | $d_1$ | $d_2$ | H | $h_1$ | |
| 036001111411 | 036001211411 | Black | M6 | 25.0 | 13.5 | 6.3 | 12.0 | 9.5 | 250 |
| 036001112411 | 036001212411 | Red | M6 | 25.0 | 13.5 | 6.3 | 12.0 | 9.5 | 250 |
| 036003111411 | 036003211411 | Black | M8 | 32.0 | 17.0 | 8.3 | 14.0 | 11.5 | 250 |
| 036003112411 | 036003212411 | Red | M8 | 32.0 | 17.0 | 8.3 | 14.0 | 11.5 | 250 |
| 036005111411 | 036005211411 | Black | M10 | 38.0 | 21.4 | 10.3 | 17.0 | 14.0 | 100 |
| 036005112411 | 036005212411 | Red | M10 | 38.0 | 21.4 | 10.3 | 17.0 | 14.0 | 100 |
| 036007111411 | 036007211411 | Black | M12 | 43.0 | 23.6 | 12.4 | 20.5 | 16.5 | 100 |
| 036007112411 | 036007212411 | Red | M12 | 43.0 | 23.6 | 12.4 | 20.5 | 16.5 | 100 |

SR 1811

## Cover Caps

**Nylon or HDPE**

- Available in various styles and colours
- For decorative and protective purpose
- Optional Washer - order separately
- For correct washer size required - match ‘A’ dimensions



Washers



Type 1



Type 2

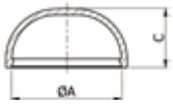


Type 3

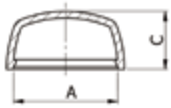


Type 4

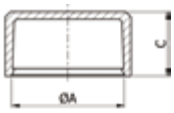
Caps



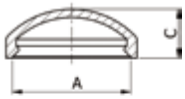
Type 1



Type 2



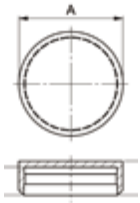
Type 3



Type 4



Type 1-4



Type 5

Caps

| Part Number | | Type | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | White | | A | B | C | |
| 006103222003 | 006103211303 | 1 | 8.5 | 10.5 | 4.3 | 500 |
| 006104259901 | 006104250001 | 1 | 10.8 | 12.2 | 5.9 | 500 |
| 006105259901 | 006105250001 | 1 | 12.8 | 14.5 | 6.5 | 500 |
| 006106259901 | 006106250001 | 1 | 14.8 | 16.5 | 7.5 | 500 |
| 006108259901 | 006108250001 | 1 | 18.8 | 20.6 | 10.2 | 500 |
| 006204259901 | 006204250001 | 2 | 10.8 | 12.2 | 6 | 500 |
| 006205259901 | 006205250001 | 2 | 12.8 | 14.2 | 8 | 500 |
| 006206259901 | 006206250001 | 2 | 14.8 | 16.6 | 9 | 500 |
| 006208259901 | 006208250001 | 2 | 18.8 | 21.3 | 12 | 250 |
| 006210259901 | 006210250001 | 2 | 24.0 | 26.3 | 15.5 | 250 |
| 006404259901 | 006404250001 | 3 | 10.8 | 12.2 | 6.2 | 250 |
| 006405259901 | 006405250001 | 3 | 12.8 | 14.2 | 7.0 | 250 |
| 006406259901 | 006406250001 | 3 | 14.8 | 16.5 | 8.5 | 250 |
| 006408259901 | 006408250001 | 3 | 18.8 | 20.6 | 10.8 | 250 |
| 006605211404 | 006605201104 | 4 | 12.0 | 14.2 | 5.2 | 250 |
| 006804259901 | 006804201101 | 5 | 12.2 | 3.3 | 4.0 | 250 |

Washers - Natural Nylon

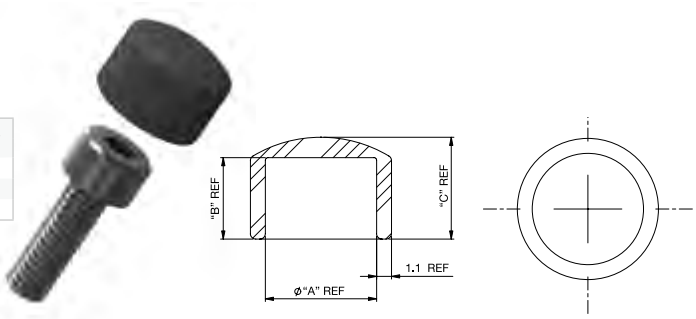
| Part Number | Type | Dimensions (mm) | | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| | | A | B | C | D | |
| 006004100001 | 1 | 10.8 | 4.2 | 5.9 | 8.8 | 500 |
| 006005100001 | 1 | 12.8 | 5.2 | 6.9 | 10.8 | 500 |
| 006006100001 | 1 | 14.8 | 6.2 | 7.9 | 12.5 | 500 |
| 006008100001 | 1 | 18.8 | 8.3 | 9.8 | 16.5 | 250 |
| 006010100001 | 1 | 24 | 10.4 | 11.8 | 21 | 250 |
| 006103100001 | 2 | 8.5 | 6 | 3.2 | - | 500 |
| 006104100001 | 2 | 10.8 | 8.6 | 4.2 | - | 500 |
| 006105100001 | 2 | 12.8 | 10.8 | 5.2 | - | 500 |
| 006106100001 | 2 | 14.8 | 12.8 | 6.4 | - | 500 |
| 006108100001 | 2 | 18.8 | 16.8 | 8.4 | - | 500 |
| 006210100001 | 2 | 24 | 21 | 10.5 | - | 250 |
| 006304100001 | 3 | 10.8 | 3.2 | - | - | 250 |
| 006305100001 | 3 | 12.8 | 4.3 | - | - | 250 |
| 006306100001 | 3 | 14.8 | 5.3 | - | - | 250 |
| 006308100001 | 3 | 18.8 | 6.4 | - | - | 250 |
| 006605100001 | 4 | 12 | 5 | 9.5 | - | 250 |

SC

## Screw Cap

**Silicone Rubber, Shore A 55 ± 5, RMS-368**
**Color: Black**

| Part Number | Recommended Button Head Screw Size | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|
| | | "A" | "B" | "C" | |
| 1339687 | #8, M4 | 6.7 | 5 | 6.5 | 1000 |
| SC1-M5 | 1/4, M5 | 8.2 | 6 | 7.5 | 1000 |
| 1339685 | 5/16, M6 | 9.7 | 7 | 8.5 | 1000 |

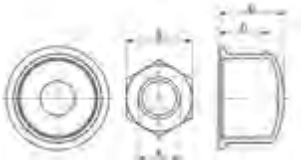



SR 1812

## Nut Protection Caps

**LDPE**

- Excellent nuts and bolts protection for outdoor applications
- Resistant to most chemicals



Type 1



**Type 1**

| Part Number | | A | Dimensions (mm) | | | Std Pack Qty |
|---|---|---|---|---|---|---|
| Black | White | | B | C | D | |
| 034061022003 | 034061011303 | M6 | 10 | 10 | 7 | 500 |
| 034061522003 | 034061511303 | M6 | 10 | 15 | 12 | 500 |
| 034081222003 | 034081211303 | M8 | 13 | 12 | 9 | 250 |
| 034082022003 | 034082011303 | M8 | 13 | 19 | 16 | 250 |
| 034101622003 | 034101611303 | M10 | 17 | 15 | 11 | 250 |
| 034102422003 | 034102411303 | M10 | 17 | 23 | 19 | 100 |
| 034121722003 | 034121711303 | M12 | 19 | 17 | 13 | 100 |
| 034122722003 | 034122711303 | M12 | 19 | 27 | 23 | 100 |
| 034142222003 | 034142211303 | M14 | 22 | 22 | 18 | 100 |
| 034162222003 | 034162211303 | M16 | 24 | 22 | 18 | 100 |
| 034163522003 | 034163511303 | M16 | 24 | 35 | 31 | 50 |
| 034202822003 | 034202811303 | M20 | 30 | 28 | 24 | 50 |
| 034204422003 | 034204411303 | M20 | 30 | 44 | 40 | 50 |
| 034224922003 | 034224911303 | M22 | 32 | 49 | 44 | 50 |



Type 2



**Type 2**

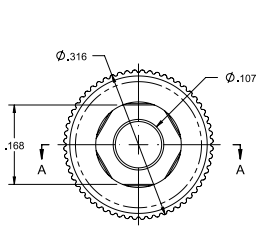
| Part Number | | A | Dimensions (mm) | | | | | Std Pack Qty |
|---|---|---|---|---|---|---|---|---|
| Black | White | | B | C | D | E | F | |
| 035061222003 | 035061211303 | M6 | 10 | 12 | 9 | 2.0 | 13.2 | 500 |
| 035061722003 | 035061711303 | M6 | 10 | 17 | 13 | 2.0 | 13.2 | 500 |
| 035081622003 | 035081611303 | M8 | 13 | 15 | 12 | 2.3 | 17.9 | 100 |
| 035082322003 | 035082311303 | M8 | 13 | 22 | 19 | 2.3 | 17.9 | 100 |
| 035101922003 | 035101911303 | M10 | 17 | 18 | 14 | 2.7 | 22.0 | 100 |
| 035102722003 | 035102711303 | M10 | 17 | 26 | 22 | 2.7 | 22.0 | 100 |
| 035122122003 | 035122111303 | M12 | 19 | 21 | 17 | 3.5 | 25.5 | 100 |
| 035123122003 | 035123111303 | M12 | 19 | 31 | 27 | 3.5 | 25.5 | 100 |
| 035162722003 | 035162711303 | M16 | 24 | 27 | 23 | 4.4 | 31.5 | 100 |
| 035164022003 | 035164011303 | M16 | 24 | 40 | 36 | 4.4 | 31.5 | 50 |
| 035203322003 | 035203311303 | M20 | 30 | 32 | 29 | 5.0 | 38.7 | 50 |
| 035204922003 | 035204911303 | M20 | 30 | 48 | 45 | 5.0 | 38.7 | 50 |

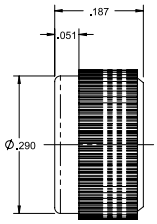
RHK

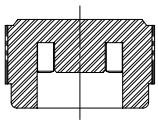
## Rivet Head Knob

**Black POM, RMS-14**

- Mating #4 Hexagonal Head Screw





| Part Number | Std Pack Qty |
|---|---|
| RHK-1 | 1000 |

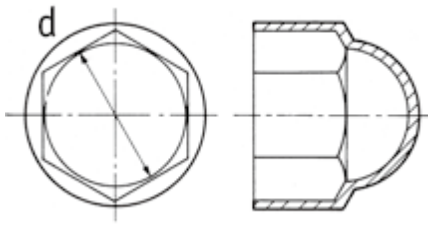
SR 1802

## Bolt and Nut Protection Caps

**LDPE**

- Choice of black or white
- Protect against weathering and tampering
- Enhance finished appearance

Extended Range






Metric - To fit DIN 933 standard bolts

| Part Number | | To Fit Bolt Size | Dimensions (mm) d | Std Pack qty |
|---|---|---|---|---|
| Black | White | | | |
| 20571559 | - | M4 | 6.9 | - |
| 15211 | 12924 | M5 | 7.9 | 5000 |
| 12837 | 12722 | M6 | 9.8 | 5000 |
| 12838 | 12723 | M8 | 12.8 | 5000 |
| 12839 | 12724 | M10 | 16.8 | 2500 |
| 12840 | 12725 | M12 | 18.8 | 2000 |
| 12841 | 12726 | M14 | 21.8 | 1200 |
| 12842 | 12727 | M16 | 23.8 | 1000 |
| 12955 | 12836 | M18 | 26.8 | 1500 |
| 12970 | 12920 | M20 | 29.8 | 1200 |
| 12046 | 12921 | M22 | 31.8 | 800 |
| 12893 | 12892 | M24 | 35.7 | 500 |
| 20571573 | - | M27 / M28 | 40.8 | - |
| 20571580 | - | M30 | 45.8 | - |
| 20571597 | - | M33 | 49.8 | - |
| 20571603 | - | M36 | 54.8 | - |
| 20571610 | - | M39 / M40 | 59.7 | - |
| 20571627 | - | M42 | 63.7 | - |
| 20571634 | - | M45 | 69.7 | - |
| 20571641 | - | M48 | 75 | - |
| 20571658 | - | M52 | 80 | - |
| 20571665 | - | M56 | 85 | - |
| 20571672 | - | M64 | 95 | - |

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# Raw Material Information

## UL® File Number & UL® Yellow Cards

Underwriter's Laboratories Inc. (UL®), plastics classification number is used to describe the performance of the material. Tests conducted by UL® may include the determination of material flammability (burning characteristics), ignition characteristics from various thermal and electrical sources, electrical tracking and other electrical characteristics, physical and mechanical characteristics, and analytical tests.In addition, the effect of long-term exposure to elevated temperature (air-oven aging), water, ultraviolet light, cold, etc. on property-retention may be evaluated.

***For more information and to download the UL® Yellow Card for an Essentra Components product, please visit www.ul.com and click on "Certifications".***

## UL® Flame Rating

UL94 classifications V0, V1, V2, and HB describe the flame retardancy levels for a given resin. V0 rated resins typically have the highest flame resistance followed by V1, V2, and HB.

***For more information on UL® Flame Ratings and the Vertical Burn Test, please visit www.ul.com.***

## Material Operating Temperatures

The Material Temperature Ranges shown in the RMS Table are based on datasheets from the respective resin manufacturers and/or UL®RTI values. The values shown are for reference only to assist in material selection for your application. As each resin manufacturer uses different methods to evaluate the performance of their resins, the temperature ranges shown cannot necessarily be used to compare materials directly.

# Adhesive Tape Usage Guidelines

## Loads & Product Usage Guidelines

Long-term maximum product application loads generally should not exceed 0.25 psi. The surface area of contact is very critical for bond strength, so the amount of tape used should be maximized based on the application. In general, the tensile strength of the adhesive is higher than the peel or shear strength, so the product should be designed to be loaded in tension whenever possible.

## Nylon & Adhesive Shelf Life

If products are kept under the Ideal Storage Conditions above, shelf life is 1 year from date of shipment.

## Temperature Considerations

Ideal application temperature for most Essentra Components adhesives is 70°-100°F (21° - 38°C). Lower application temperatures should be avoided as the adhesive will be too firm and may not 'wet out' sufficiently. Operating temperatures of Essentra Components adhesives are shown in the RMS table.

## Application Guide

**Surface Condition:** The bonding surfaces must be clean, uniform, dry and free of condensation. Do not use on fabric, coarse concrete, loose paint, or rough, loose surfaces.

**Surface Preparation:** For maximum performance, clean the mounting surfaces with a cleaning solvent such as a 50/50 mixture of isopropyl alcohol and water. Be sure to follow the solvent manufacturer's directions for use. Some surfaces may require a sealant or primer to achieve the desired bonding. Test the product on your actual application.

**Application pressure:** Remove the release liner being very careful not to touch the adhesive surface and then quickly and firmly rub the product into place. Firm pressure is needed to ensure full contact and to allow the adhesive to fully wet-out on the mating surfaces.

**Dwell Time:** The bond strength is affected by the substrate surface, application temperature and dwell time. At room temperature approximately half of the bond strength will be obtained within the first half hour with the majority of the strength achieved within 24 hours. Therefore, whenever possible wait 24 hours before applying load.

**Acrylic vs. rubber based adhesives:** In general, rubber based adhesives offer higher initial tack whereas acrylic based adhesives maintain higher mechanical strength over time. One should evaluate the performance of the product on the actual end use application. Contact your local Essentra Components representative for additional physical property and chemical resistance data.

## Common Material Abbreviations

ABS = Acrylonitrile-butadiene-styrene
Acetal/POM = Polyacetal
CPVC = Chlorinated polyvinyl chloride
EPDM = Ethylene-propylene-diene-monomer
HDPE = High density polyethylene
HIPS = High impact polystyrene
LCP = Liquid Crystal Polymer
LDPE = Low density polyethylene
Nitrile Rubber = Acrylonitrile rubber
Nylon = Polyamide (PA)
PBT = Polybutylene terephthalate
PC = Polycarbonate
PE = Polyethylene
PEI = Polyether imide
PP = Polypropylene
PPE/PS = Polyphenylene ether/ polystyrene alloy
PPE/SB = Polyphenylene ether/styrene-butadiene alloy
PPS = Polyphenylene sulfide
PS = Polystyrene
PSU = Polysulfone
PU = Polyurethane
PVC = Polyvinyl chloride
PVDF = Polyvinylidene fluoride
SEBS = Styrene-ethylene butylene-styrene block copolymer
SIR = Silicone molding compound
TPE = Thermoplastic elastomer
TPR = Thermoplastic rubber

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| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | °C | | | | °F | | | |
| 01 | Nylon 6/6 | E70062 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | |
| 02 | ABS | E38989 | HB | Y | -40 | - | 95 | | -40 | - | 203 | |
| 03 | PC | E45587 | HB | Y | -40 | - | 115 | | -40 | - | 239 | |
| 04 | PVC - Rigid | E41877 | V-0 | Y | 0 | - | 50 | | 32 | - | 122 | |
| 05 | PPE+PS | E121562 | V-0 | Y | -40 | - | 110 | | -40 | - | 230 | |
| 06 | LDPE | NO U.L. | Not rated | Y | -40 | - | 65 | | -40 | - | 149 | |
| 07 | HDPE | E41877 | V-0 | N | 0 | - | 50 | | 32 | - | 122 | |
| 08 | PP | E169973 | HB | Y | 0 | - | 65 | | 32 | - | 149 | |
| 09 | ABS | E44741 | HB | Y | 0 | - | 60 | | 32 | - | 140 | |
| 10 | PP | E169973 | HB | Y | 0 | - | 65 | | 32 | - | 149 | |
| 11 | CPVC | E106426 | V-0 | Y | 0 | - | 50 | | 32 | - | 122 | |
| 12 | CAP | E31879 | HB | Y | -20 | - | 50 | | -4 | - | 122 | |
| 13 | HDPE | NO U.L. | Not rated | Y | -20 | - | 65 | | -4 | - | 149 | |
| 14 | Acetal - US | E38860 | HB | Y | -50 | - | 100 | | -58 | - | 212 | |
| 14A | Acetal - UK | E42337 | HB | Y | -50 | - | 100 | | -58 | - | 212 | |
| 15 | Acrylic adhesive / PU foam tape / PE liner | MH16770 | Not rated | Y | 0 | - | 85 | | 32 | - | 185 | |
| 16A | HIPS - UK | E141073 | HB | Y | -20 | - | 50 | | -4 | - | 122 | |
| 16B | HIPS - US | E57787 | HB | Y | -20 | - | 50 | | -4 | - | 122 | |
| 17 | Nylon 6/6 | E41938 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | |
| 18 | Nylon 6/6, Heat Stabilized, 33% Glass Filled - US | E41938 | HB | Y | -30 | - | 140 | | -22 | - | 284 | |
| 18A | Nylon 6/6, F.R., 25% Glass Filled - UK | E41938 | V-0 | Y | -30 | - | 130 | | -22 | - | 266 | |
| 19 | Nylon 6/6, F.R. | E70062 | V-0 | Y | -40 | - | 110 | | -40 | - | 230 | |
| 20 | PVC - Rigid | E53006 | V-0 | Y | 0 | - | 50 | | 32 | - | 122 | |
| 21 | Nylon 66/6 | E41938 | HB | Y | -40 | - | 65 | | -40 | - | 149 | |
| 23 | PC, F.R. | E121562 | V-0 | Y | -40 | - | 130 | | -40 | - | 266 | |
| 24 | Rubber adhesive / PE foam tape / HDPE liner | NO U.L. | Not rated | Y | -20 | - | 60 | | -4 | - | 140 | |
| 25 | PVC - Flexible | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 | |
| 26 | PVC - Flexible | E54709 | V-0 | Y | 0 | - | 90 | | 32 | - | 194 | |
| 27 | Nylon 6/6, F.R., 25% Glass Filled | E170540 | V-0 | Y | -30 | - | 65 | | -22 | - | 149 | |
| 28 | Polyester Felt Fiber | NO U.L. | Not rated | Y | - | - | - | | - | - | - | |
| 29 | 304 Stainless Steel | NO U.L. | Not rated | Y | -200 | - | 870 | | -328 | - | 1598 | |
| 30 | CAP | NO U.L. | Not rated | Y | - | - | - | | - | - | - | |
| 31 | Aluminum | NO U.L. | Not rated | Y | - | - | - | | - | - | - | |
| 32 | PVC - Rigid | E41877 | V-0 | Y | 0 | - | 50 | | 32 | - | 122 | |
| 33 | Silicone Rubber and Fiberglass, F.R. | E59150 | V-0 | Y | -60 | - | 150 | | -76 | - | 302 | |
| 34 | Rubber adhesive / PE foam tape | NO U.L. | Not rated | Y | -40 | - | 71 | | -40 | - | 160 | |
| 35 | Nylon 6/6, 14% Glass Filled | E41938 | HB | Y | -20 | - | 65 | | -4 | - | 149 | |
| 38 | Nylon 6, 30% Glass Filled | NO U.L. | Not rated | Y | -20 | - | 140 | | -4 | - | 284 | |
| 39 | Acetal | E41938 | HB | Y | -40 | - | 95 | | -40 | - | 203 | |
| 42 | TPE | E80017 | HB | Y | -60 | - | 95 | | -76 | - | 203 | |
| 43 | Nylon 6/6, F.R. | E53898 | V-0 | Y | -40 | - | 120 | | -40 | - | 248 | |
| 45 | Nylon 6/6, Heat Stabilized | E41938 | HB | Y | -40 | - | 85 | | -40 | - | 185 | |
| 46 | Nylon 6/6, UV Stabilized | E70062 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | |
| 47 | Nylon 6/6, Heat Stabilized | E41938 | V-2 | Y | -40 | - | 125 | | -40 | - | 257 | |
| 48 | Nylon 6/6 | E41871 | V-2 | Y | -40 | - | 90 | | -40 | - | 194 | |
| 49 | Nylon 6/6, F.R., 25% Glass Filled | E41871 | V-0 | Y | -40 | - | 130 | | -40 | - | 266 | |
| 50 | PPS, 40% Glass Filled | E54700 | V-0 | Y | -40 | - | 220 | | -40 | - | 428 | |
| 51 | PSU | E41871 | V-2 | Y | 0 | - | 155 | | 32 | - | 311 | |
| 52 | Nylon 6 | E41871 | V-2 | Y | -40 | - | 115 | | -40 | - | 239 | |
| 53 | PBT | E121562 | V-0 | Y | -30 | - | 140 | | -22 | - | 284 | |
| 54 | PP | E169973 | HB | Y | 0 | - | 65 | | 32 | - | 149 | |
| 55 | PVC - Flexible | E137220 | V-0 | Y | -35 | - | 50 | | -31 | - | 122 | |
| 56 | Nylon 4/6, Heat Stabilized | E172082 | V-2 | Y | -40 | - | 130 | | -40 | - | 266 | |
| 58 | Nylon 6 | E148796 | HB | Y | -20 | - | 65 | | -4 | - | 149 | |
| 60 | Nylon 6 | E36632 | V-2 | Y | -40 | - | 65 | | -40 | - | 149 | |
| 62 | Nylon 6 | E41871 | V-2 | Y | -40 | - | 115 | | -40 | - | 239 | |
| 64 | PU | E177325 | HB | Y | 0 | - | 50 | | 32 | - | 122 | |
| 65 | Acrylic adhesive / PE coated paper liner | NO U.L. | Not rated | Y | -18 | - | 121 | | 0 | - | 250 | |

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**NYLON STORAGE GUIDELINES/SHELF LIFE:**
All nylon parts are packaged in sealed plastic bags and contain an appropriate level of moisture. When stored in the original unopened bags at 73°F (23°C) and 50% RH, parts shelf life is one year from date of shipment.

# RMS Specifications

| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | °C | | | | °F | | | | |
| 66 | Nylon 6/6, F.R. | E78964 | V-0 | Y | -40 | - | 65 | | -40 | - | 149 | | |
| 67 | TPE | E80017 | HB | Y | -60 | - | 95 | | -76 | - | 203 | | |
| 68 | Rubber adhesive / PE coated paper liner | NO U.L. | Not rated | Y | -18 | - | 82 | | 0 | - | 180 | | |
| 70 | PVC, F.R. | E86418 | V-0 | Y | 0 | - | 50 | | 32 | - | 122 | | |
| 71 | Nylon 6 | E36632 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 72 | PC | E123529 | V-2 | Y | -40 | - | 80 | | -40 | - | 176 | | |
| 73 | Nylon 6/6 | E41938 | HB | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 74 | Nylon 6/6 | E41938 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 75 | Nylon 6/6, F.R. | E116324 | V-0 | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 76 | TPE | E80017 | HB | Y | -50 | - | 95 | | -58 | - | 203 | | |
| 78 | Nylon 6/6 | E53898 | HB | Y | -40 | - | 105 | | -40 | - | 221 | | |
| 79 | PC | E50075 | V-2 | Y | -40 | - | 105 | | -40 | - | 221 | | |
| 80 | TPR | E80017 | HB | Y | -40 | - | 50 | | -40 | - | 122 | | |
| 81 | Nylon 6/6 | E41797 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 83 | PVC | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 | | |
| 84 | Nylon 6/6 | E36632 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 85 | Nylon 6 | NO U.L. | Not rated | Y | -40 | - | 100 | | -40 | - | 212 | | |
| 86 | PP | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 | | |
| 87 | Nylon 6, F.R. | E41797 | V-0 | Y | -40 | - | 130 | | -40 | - | 266 | | |
| 88 | Nylon 6 | E36632 | HB | Y | -40 | - | 120 | | -40 | - | 248 | | |
| 91 | Nylon 6/6, F.R. | E88499 | V-0 | Y | -20 | - | 120 | | -4 | - | 248 | | |
| 92 | Acrylic adhesive / Acrylic foam tape / Paper liner | MH17478 | Not rated | Y | -40 | - | 93 | | -40 | - | 199 | | |
| 93 | Acrylic adhesive / PE foam tape / PE paper liner | NO U.L. | Not rated | Y | -40 | - | 70 | | -40 | - | 158 | | |
| 94 | PP | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 | | |
| 95 | Nylon 6, F.R., Heat Stabilized | E147510 | V-0 | Y | -40 | - | 65 | | -40 | - | 149 | | |
| 96 | Hot Melt Adhesive | R6022 | Not rated | Y | - | - | - | | - | - | - | | |
| 98 | TPE | NO U.L. | Not rated | Y | -40 | - | 120 | | -40 | - | 248 | | |
| 99 | Acrylic adhesive / PU foam tape / PE liner | NO U.L. | Not rated | Y | -40 | - | 100 | | -40 | - | 212 | | |
| 100 | TPE | NO U.L. | Not rated | Y | -40 | - | 70 | | -40 | - | 158 | | |
| 102 | Rubber adhesive / PE foam tape / PE film liner | MH15436 | Not rated | Y | -18 | - | 66 | | 0 | - | 150 | | |
| 103 | Nylon 6/66, F.R. | E41871 | V-0 | Y | -40 | - | 120 | | -40 | - | 248 | | |
| 104 | Nylon 6/6, F.R., Heat Stabilized, 25% Glass Filled | E41938 | V-0 | Y | -40 | - | 130 | | -40 | - | 266 | | |
| 105 | PPE/PS | E148878 | V-0 | Y | -30 | - | 100 | | -22 | - | 212 | | |
| 106 | Nylon 66 | NO U.L. | Not rated | Y | -40 | - | 120 | | -40 | - | 248 | | |
| 107 | PC | E146413 | V-0 | Y | -40 | - | 80 | | -40 | - | 176 | | |
| 109 | Nylon 4/6, Heat Stabilized | E47960 | V-2 | Y | -40 | - | 130 | | -40 | - | 266 | | |
| 110 | PBT, F.R., 30% Glass Filled | E130155 | V-0 | Y | -30 | - | 140 | | -22 | - | 284 | | |
| 111 | PBT | E45575 | V-0 | Y | -30 | - | 130 | | -22 | - | 266 | | |
| 112 | Nylon 6/6, F.R., 25% Glass Filled | E36632 | V-0 | Y | -40 | - | 130 | | -40 | - | 266 | | |
| 113 | Acrylic adhesive / PE foam tape / PE liner | NO U.L. | Not rated | Y | -18 | - | 107 | | 0 | - | 225 | | |
| 114 | ABS | E56070 | HB | Y | 0 | - | 85 | | 32 | - | 185 | | |
| 115 | Nylon 6/6 | E41938 | V-2 | Y | -30 | - | 85 | | -22 | - | 185 | | |
| 116 | Nylon 6/6 | NO U.L. | Not rated | Y | -20 | - | 85 | | -4 | - | 185 | | |
| 117 | Polystyrene, F.R. | E140692 | V-0 | Y | -20 | - | 50 | | -4 | - | 122 | | |
| 118 | PVC - Flexible | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 | | |
| 119 | Rubber adhesive / PE foam tape / PE liner | NO U.L. | Not rated | Y | 18 | - | 65 | | 65 | - | 149 | | |
| 120 | Nylon 6 | E53664 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 121 | Acetal | E41938 | HB | Y | -50 | - | 95 | | -58 | - | 203 | | |
| 122 | Nylon 6 | E41938 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 123 | Silicone Rubber | E224733 | HB | Y | -40 | - | 150 | | -40 | - | 302 | | |
| 124 | PP | E41877 | V-2 | Y | 0 | - | 105 | | 32 | - | 221 | | |
| 126 | PP | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 | | |
| 127 | Acetal | NO U.L. | Not rated | Y | -50 | - | 90 | | -58 | - | 194 | | |
| 128 | Rubber adhesive/PE foam tape/Silicone coated paper liner | NO U.L. | Not rated | Y | 18 | - | 65 | | 65 | - | 149 | | |
| 129 | Rubber adhesive/PE foam tape/Silicone coated paper liner | NO U.L. | Not rated | Y | 18 | - | 65 | | 65 | - | 149 | | |
| 130 | PPE/PS | E45587 | V-0 | Y | -40 | - | 110 | | -40 | - | 230 | | |
| 131 | Acrylic adhesive / Rubber foam tape | NO U.L. | Not rated | Y | -40 | - | 85 | | -40 | - | 185 | | |
| 132 | Adhesive Transfer Tape | MH17478 | Not rated | Y | -34 | - | 150 | | -30 | - | 302 | | |

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| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range °C | | | | Material Temperature Range °F | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 133 | Nylon 6/6 | E53898 | HB | Y | -40 | - | 105 | | -40 | - | 221 |
| 134 | LDPE | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 135 | Acrylic adhesive / Silicone foam | E57750 | V-0 | Y | -29 | - | 150 | | -20 | - | 302 |
| 136 | Rubber adhesive / PE foam tape / PE liner | NO U.L. | Not rated | Y | -40 | - | 60 | | -40 | - | 140 |
| 138 | Nylon 66/6, F.R., Heat Stabilized | E44716 | V-0 | Y | -50 | - | 95 | | -58 | - | 203 |
| 140 | PBT | E245249 | V-0 | Y | -30 | - | 125 | | -22 | - | 257 |
| 141 | PVDF | E54699 | V-0 | Y | -30 | - | 50 | | -22 | - | 122 |
| 142 | LDPE/HDPE | NO U.L. | Not rated | Y | 0 | - | 70 | | 32 | - | 158 |
| 143 | Acrylic adhesive / PE foam tape / PP liner | NO U.L. | Not rated | Y | -40 | - | 70 | | -40 | - | 158 |
| 144 | PVC | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 145 | PPE/PS | E45329 | V-0 | Y | -30 | - | 65 | | -22 | - | 149 |
| 146 | Nylon 6/10, F.R. | E41797 | V-0 | Y | -40 | - | 65 | | -40 | - | 149 |
| 147 | Nylon 66 | E141008 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 |
| 148 | Nylon 6/6 | E70062 | HB | Y | -40 | - | 65 | | -40 | - | 149 |
| 149 | ASA/AES | E44741 | HB | Y | -40 | - | 50 | | -40 | - | 122 |
| 150 | PP | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 150A | PP | E231371 | HB | Y | 0 | - | 65 | | 32 | - | 149 |
| 151 | PP, Conductive | E45195 | HB | Y | 0 | - | 65 | | 32 | - | 149 |
| 152 | Aluminum | NO U.L. | Not rated | Y | -200 | - | 400 | | -328 | - | 752 |
| 153 | EPDM Rubber | NO U.L. | Not rated | Y | -40 | - | 110 | | -40 | - | 230 |
| 154 | Nylon 6 | E76261 | V-2 | Y | -30 | - | 85 | | -22 | - | 185 |
| 155 | LDPE/HDPE Blend, UV Stabilized | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 156 | Nylon 6/6 | E53664 | V-0 | Y | -40 | - | 120 | | -40 | - | 248 |
| 157 | Nylon 6, Heat Stabilized | NO U.L. | Not rated | Y | -40 | - | 130 | | -40 | - | 266 |
| 158 | TPE | E80017 | HB | Y | -50 | - | 95 | | -58 | - | 203 |
| 159 | Nylon 6 | E47960 | V-2 | Y | -30 | - | 85 | | -22 | - | 185 |
| 160 | Acetal | E45034 | HB | Y | -50 | - | 100 | | -58 | - | 212 |
| 161 | PC | E41179 | V-2 | Y | -40 | - | 125 | | -40 | - | 257 |
| 162 | PEI | E247337 | V-0 | Y | -40 | - | 200 | | -40 | - | 392 |
| 163 | HIPS | E108538 | HB | Y | -20 | - | 50 | | -4 | - | 122 |
| 164 | Nylon 6/6, Heat Stabilized | E70062 | V-2 | Y | -40 | - | 125 | | -40 | - | 257 |
| 165 | Nylon 6/6, UV Stabilized | E70062 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 |
| 166 | EPDM Rubber | NO U.L. | Not rated | Y | -40 | - | 50 | | -40 | - | 122 |
| 167 | TPE | E80017 | HB | Y | -40 | - | 50 | | -40 | - | 122 |
| 168 | TPE | E80017 | HB | Y | -40 | - | 50 | | -40 | - | 122 |
| 169 | Nylon 6/6, F.R. | E53898 | V-0 | Y | -40 | - | 120 | | -40 | - | 248 |
| 170 | Ceramic | NO U.L. | Not rated | Y | -40 | - | 1700 | | -40 | - | 3092 |
| 171 | ABS | E56070 | HB | Y | 0 | - | 60 | | 32 | - | 140 |
| 172 | Nylon 6/6, Heat Stabilized | E41938 | HB | Y | -40 | - | 110 | | -40 | - | 230 |
| 173 | Nylon 6, 25% Glass Filled | NO U.L. | Not rated | Y | -20 | - | 140 | | -4 | - | 284 |
| 174 | Nylon 6/6 | E86615 | V-2 | Y | 0 | - | 65 | | 32 | - | 149 |
| 175 | Mild Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 176 | PVC/TPE | NO U.L. | Not rated | Y | -30 | - | 100 | | -22 | - | 212 |
| 177 | PP | E54080 | V-2 | Y | 0 | - | 65 | | 32 | - | 149 |
| 179 | Nylon 6/6 | E86615 | V-2 | Y | -20 | - | 65 | | -4 | - | 149 |
| 180 | EPDM Rubber | NO U.L. | Not rated | Y | -20 | - | 90 | | -4 | - | 194 |
| 181 | PC | E121254 | V-0 | Y | -40 | - | 80 | | -40 | - | 176 |
| 182 | TPE | E80017 | HB | Y | -30 | - | 95 | | -22 | - | 203 |
| 183 | HDPE | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 184 | LCP | E83005 | V-0 | Y | 0 | - | 130 | | 32 | - | 266 |
| 185 | TPE | NO U.L. | Not rated | Y | -50 | - | 130 | | -58 | - | 266 |
| 186 | PVC | NO U.L. | Not rated | Y | -10 | - | 50 | | 14 | - | 122 |
| 187 | PVC, UV Stabilized - Rigid | NO U.L. | Not rated | Y | -20 | - | 70 | | -4 | - | 158 |
| 188 | PVC - Rigid | NO U.L. | Not rated | Y | -20 | - | 60 | | -4 | - | 140 |
| 189 | Nylon 66, 15% Glass Filled | NO U.L. | Not rated | Y | -20 | - | 85 | | -4 | - | 185 |
| 190 | Neoprene Rubber | NO U.L. | Not rated | Y | -40 | - | 50 | | -40 | - | 122 |
| 191 | PVC - Rigid | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 192 | Nylon 11 Coating | NO U.L. | Not rated | Y | -40 | - | 140 | | -40 | - | 284 |

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All nylon parts are packaged in sealed plastic bags and contain an appropriate level of moisture. When stored in the original unopened bags at 73°F (23°C) and 50% RH, parts shelf life is one year from date of shipment.

# RMS Specifications

| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range °C | | | °F | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 193 | PVC - Rigid | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 194 | Aluminum | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 195 | PVC - Rigid | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 196 | PVC Coating | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 197 | 30301 Stainless Steel | NO U.L. | Not rated | Y | -129 | - | 287.8 | -200 | - | 550 |
| 198 | Cold Rolled Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 199 | Aluminum | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 200 | TPE | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 201 | Nitrile Rubber | NO U.L. | Not rated | Y | -40 | - | 80 | -40 | - | 176 |
| 202 | Acetal | E38860 | HB | Y | -50 | - | 100 | -58 | - | 212 |
| 203 | Soft Steel | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 204 | PC | E121562 | HB | Y | -40 | - | 130 | -40 | - | 266 |
| 205 | Nylon 6/6, 25% Glass Filled | E116324 | V-0 | Y | -40 | - | 95 | -40 | - | 203 |
| 206 | Spring Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 207 | Natural Rubber | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 208 | PVC | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 209 | Silicone Oil | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 210 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | -40 | - | 302 |
| 211 | Nylon 66, Heat Stabilized | NO U.L. | Not rated | Y | -40 | - | 65 | -40 | - | 149 |
| 212 | Carbon Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 213 | TPE | NO U.L. | Not rated | Y | -50 | - | 90 | -58 | - | 194 |
| 214 | TPE | NO U.L. | Not rated | Y | -50 | - | 90 | -58 | - | 194 |
| 215 | PC | E157291 | V-2 | Y | -40 | - | 120 | -40 | - | 248 |
| 216 | Black Oxide & Oil Coating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 217 | Nickel Tin Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 218 | PC | E121562 | HB | Y | -40 | - | 100 | -40 | - | 212 |
| 219 | Zinc Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 220 | Nylon 6/6 | E41938 | V-2 | Y | -40 | - | 85 | -40 | - | 185 |
| 221 | Nylon 6/6, UV Stabilizer | E41938 | V-2 | Y | -40 | - | 85 | -40 | - | 185 |
| 222 | Nylon 6/6, 30% Glass Filled | E84658 | V-0 | Y | -30 | - | 140 | -22 | - | 284 |
| 223 | ABS, F.R. | E162823 | V-0 | Y | 0 | - | 60 | 32 | - | 140 |
| 224 | Stainless Steel - Passivated | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 225 | Polyolefin | NO U.L. | Not rated | Y | 0 | - | 65 | 32 | - | 149 |
| 226 | Modified PE Adhesive | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 227 | Stainless Spring Steel | NO U.L. | Not rated | Exempt | -129 | - | 287.8 | -200 | - | 550 |
| 228 | Stainless Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 229 | Nickel Chrome Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 230 | Stainless Spring Steel | NO U.L. | Not rated | Y | -129 | - | 287.8 | -200 | - | 550 |
| 231 | Brass | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 232 | Mild Steel | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 233 | 409 Stainless Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 234 | Nickel Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 235 | Zinc Bichromate Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 236 | Zinc Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 237 | Mild Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 238 | Spring Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 239 | Painted Marking | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 240 | Rubber & Nylon - Fiber | NO U.L. | Not rated | Y | 0 | - | 38 | -18 | - | 100 |
| 241 | Neoprene Rubber | NO U.L. | Not rated | Y | -40 | - | 80 | -40 | - | 176 |
| 242 | Carbon Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 243 | Soft Electrogalvanized Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 244 | Nylon 66 | E41938 | V-2 | Y | -40 | - | 85 | -40 | - | 185 |
| 245 | Copper Flat Wire | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 246 | Tin Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 247 | Aluminum | NO U.L. | Not rated | Y | -200 | - | 400 | -328 | - | 752 |
| 248 | Nylon 66, F.R. | E41938 | V-0 | Y | -40 | - | 85 | -40 | - | 185 |
| 249 | PE Hook | NO U.L. | Not rated | Y | 0 | - | 60 | 32 | - | 140 |
| 250 | Nylon Buckle | NO U.L. | Not rated | Y | -40 | - | 65 | -40 | - | 149 |

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All nylon parts are packaged in sealed plastic bags and contain an appropriate level of moisture. When stored in the original unopened bags at 73°F (23°C) and 50% RH, parts shelf life is one year from date of shipment.

| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range °C | | | | Material Temperature Range °F | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 251 | Nylon Loop | NO U.L. | Not rated | Y | -40 | - | 65 | | -40 | - | 149 |
| 252 | Ferrite Terminal | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 253 | Nylon 66, Glass Filled | NO U.L. | Not rated | Y | -40 | - | 65 | | -40 | - | 149 |
| 254 | Stainless Steel | NO U.L. | Not rated | Exempt | -129 | - | 287.8 | | -200 | - | 550 |
| 255 | PP/Polyester Blend | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 256 | ABS/PC | E168806 | V-0 | Y | 0 | - | 60 | | 32 | - | 140 |
| 257 | Phosphor Bronze | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 258 | Chrome Plating | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 259 | Spring Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 260 | Brass | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 261 | Electroplated Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 262 | TPE | E80017 | HB | Y | -50 | - | 95 | | -58 | - | 203 |
| 263 | TPE, F.R. | E80017 | V-0 | Y | -40 | - | 90 | | -40 | - | 194 |
| 264 | PE Foam Coating | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 265 | PVC - Flexible | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 266 | Galvanized Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 267 | Acetal | E120354 | HB | Y | -50 | - | 100 | | -58 | - | 212 |
| 268 | PP | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 269 | PVC | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 271 | PP | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 272 | Chrome Plating | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 273 | PC | E41179 | V-2 | Y | -40 | - | 125 | | -40 | - | 257 |
| 274 | Yellow Chromate Zinc Plating | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 275 | Polyolefin Writing Surface | NO U.L. | Not rated | Y | 0 | - | 60 | | 32 | - | 140 |
| 276 | Brass | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 277 | ABS | NO U.L. | Not rated | Y | 0 | - | 60 | | 32 | - | 140 |
| 278 | Spring Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 279 | Neoprene Rubber | NO U.L. | Not rated | Y | -40 | - | 80 | | -40 | - | 176 |
| 280 | 321 Stainless Steel | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 281 | Masterbatch | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 282 | Stainless Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 283 | 304 Stainless Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 284 | HDPE | NO U.L. | Not rated | Y | 0 | - | 60 | | 32 | - | 140 |
| 285 | LDPE | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 286 | TPE | NO U.L. | Not rated | Y | -50 | - | 90 | | -58 | - | 194 |
| 287 | Nylon 6/6 | NO U.L. | Not rated | Y | -40 | - | 65 | | -40 | - | 149 |
| 289 | Brass | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 290 | PBT, 6% Glass Filled | NO U.L. | Not rated | Y | -30 | - | 120 | | -22 | - | 248 |
| 291 | PTFE | NO U.L. | Not rated | Y | -70 | - | 400 | | -94 | - | 752 |
| 292 | Silicone | NO U.L. | Not rated | Y | -40 | - | 150 | | -40 | - | 302 |
| 293 | Pressure Sensitive Acrylic Adhesive | NO U.L. | Not rated | Y | -29 | - | 93 | | -20 | - | 199 |
| 294 | Stainless Steel | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 295 | PP | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 296 | Silicone Compound | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 297 | Kevlar | NO U.L. | Not rated | Y | -100 | - | 400 | | -148 | - | 752 |
| 298 | PVC - Flexible | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 299 | Nickel Plating | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 300 | Polyester Elastomer | NO U.L. | Not rated | Y | -40 | - | 140 | | -40 | - | 284 |
| 301 | Epoxy Glue | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 302 | Ferrite Core | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 303 | Ferrite Core | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 304 | Ferrite Core | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 305 | Stainless Steel | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 306 | Tin Coated Copper Wire | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 307 | Tin Coated Copper Wire | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 308 | Tin Coated Copper Wire | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 309 | Steel Piano Wire | NO U.L. | Not rated | Exempt | - | - | - | | - | - | - |
| 310 | Pressure Sensitive Acrylic Adhesive | NO U.L. | Not rated | Y | -29 | - | 93 | | -20 | - | 199 |

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# RMS Specifications

| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | °C | | | °F | | |
| 311 | Polyethylene Hook | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 312 | Nylon Loop | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 313 | Pressure Sensitive Adhesive | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 314 | Acrylic adhesive / PE film / Silicone paper liner | NO U.L. | Not rated | Y | -80 | - | 100 | -112 | - | 212 |
| 315 | Nylon 6/6 | E41938 | V-2 | Y | -40 | - | 85 | -40 | - | 185 |
| 316 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | -40 | - | 302 |
| 317 | PVC - Flexible | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 318 | Epoxy Cover | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 320 | 302 Stainless Steel | NO U.L. | Not rated | Y | -200 | - | 870 | -328 | - | 1598 |
| 321 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | -40 | - | 302 |
| 322 | Silicone Rubber | E111943 | HB | Y | -40 | - | 150 | -40 | - | 302 |
| 323 | Plastic Washer | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 324 | Rubber adhesive / PE foam tape / HDPE liner | NO U.L. | Not rated | Y | -40 | - | 100 | -40 | - | 212 |
| 325 | Fiberglass | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 326 | Spring Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 327 | Spring Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 328 | Stainless Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 329 | Ferrite - Ceramic | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 330 | Ferrite - Paper Packaging Carrier Tape | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 331 | Wire - 2UEW | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 332 | Ceramic Body | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 333 | Copper Wire | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 334 | Ferrite K-15 | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 335 | EVOH | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 336 | Stainless Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 337 | Zinc Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 338 | Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 339 | Zinc Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 340 | Steel | NO U.L. | Not rated | Exempt | - | - | - | - | - | - |
| 341 | Zinc Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 342 | Polyester/PP Hook | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 343 | Hook and Loop | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 344 | Acrylic Adhesive | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 345 | Ferrite - Polystyrene Carrier Tape | NO U.L. | Not rated | * | - | - | - | - | - | - |
| 346 | Color Code Stripe Printing Ink | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 347 | Ferrite - Polyethylene Carrier Tape | NO U.L. | Not rated | * | - | - | - | - | - | - |
| 348 | Rubber IIR Bromobutyl | NO U.L. | Not rated | Y | -40 | - | 140 | -40 | - | 284 |
| 349 | Brass | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 350 | Double Coated Polyurethane Foam Tape | NO U.L. | Not rated | Y | -29 | - | 104 | -20 | - | 219 |
| 351 | TPE | NO U.L. | Not rated | Y | -40 | - | 100 | -40 | - | 212 |
| 352 | Carbon Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 353 | Stainless Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 354 | Zinc with Clear Dichromate Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 355 | Chrome Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 356 | Black Phosphate Coating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 357 | Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 358 | Zinc Plating | NO U.L. | Not rated | Y | - | - | - | - | - | - |
| 359 | Acrylic adhesive / PE foam tape / PE paper liner | NO U.L. | Not rated | Y | -40 | - | 95 | -40 | - | 203 |
| 360 | Butyl Rubber | NO U.L. | Not rated | Y | -40 | - | 140 | -40 | - | 284 |
| 361 | Acrylic adhesive / Acrylic foam / PE film liner | MH17478 | Not rated | Y | -35 | - | 90 | -31 | - | 194 |
| 362 | PVC | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 363 | Nylon Buckle | NO U.L. | Not rated | Y | -40 | - | 85 | -40 | - | 185 |
| 364 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | -40 | - | 302 |
| 365 | 304 Stainless Steel | NO U.L. | Not rated | Y | -200 | - | 870 | -328 | - | 1598 |
| 366 | PE Hook | NO U.L. | Not rated | Y | 0 | - | 50 | 32 | - | 122 |
| 367 | Acrylic adhesive / PE copolymer foam / PE film liner | NO U.L. | Not rated | Y | -40 | - | 125 | -40 | - | 257 |
| 368 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | -40 | - | 302 |
| 369 | 18-8 Stainless Steel | NO U.L. | Not rated | Y | - | - | - | - | - | - |

An asterisk (*) indicates data was not available at time of publication. Please see our website or contact your local Essentra Components Representative for the necessary documentation.

**RAW MATERIAL SPECIFICATION/DISCLAIMER OF WARRANTY:**
These Raw Material Specifications shall not be construed as creating an express warranty of description. The specifications are approximate and intended to serve only as guides and not as the basis of any sale, agreement or contract of goods sold by Essentra Components. Essentra Components Incorporated reserves the right to change the raw material on any of its goods contained in this catalog without notice to any buyer. Further, these Raw Material Specifications have been provided by the manufacturer and Essentra Components does not warrant their accuracy.

**NYLON STORAGE GUIDELINES/SHELF LIFE:**
All nylon parts are packaged in sealed plastic bags and contain an appropriate level of moisture. When stored in the original unopened bags at 73°F (23°C) and 50% RH, parts shelf life is one year from date of shipment.

| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | °C | | | | °F | | |
| 370 | 304 Stainless Steel | NO U.L. | Not rated | Y | -200 | - | 870 | | -328 | - | 1598 |
| 371 | Nylon 6, F.R., 30% Glass Filled | E140692 | V-0 | Y | -40 | - | 65 | | -40 | - | 149 |
| 372 | Black Oxide Finish | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 373 | Brass | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 374 | TPE | E80017 | HB | Y | -60 | - | 95 | | -76 | - | 203 |
| 375 | Rubber adhesive / PE foam / Silicone paper liner | NO U.L. | Not rated | Y | 0 | - | 70 | | 32 | - | 158 |
| 376 | Acrylic adhesive / Acrylic foam / PE liner | MH17478 | Not rated | Y | -35 | - | 90 | | -31 | - | 194 |
| 377 | Blue Polyolefin Pin | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 378 | Silicone Rubber | NO U.L. | Not rated | * | -40 | - | 150 | | -40 | - | 302 |
| 379 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | | -40 | - | 302 |
| 380 | Nylon Tie | NO U.L. | Not rated | Y | -40 | - | 85 | | -40 | - | 185 |
| 381 | 304 Stainless Steel | NO U.L. | Not rated | Y | -200 | - | 870 | | -328 | - | 1598 |
| 382 | 316 Stainless Steel | NO U.L. | Not rated | Y | -200 | - | 870 | | -328 | - | 1598 |
| 383 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | | -40 | - | 302 |
| 384 | TPE | E80017 | HB | Y | -50 | - | 95 | | -58 | - | 203 |
| 385 | Nylon 6/6 | E41938 | V-2 | Y | 0 | - | 85 | | 32 | - | 185 |
| 386 | Polyether Sulfone | E108538 | V-0 | Y | -30 | - | 190 | | -22 | - | 374 |
| 387 | TPE | NO U.L. | Not rated | Y | -40 | - | 150 | | -40 | - | 302 |
| 388 | PVC | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 389 | TPE | NO U.L. | Not rated | Y | 0 | - | 60 | | 32 | - | 140 |
| 390 | Nylon 6, F.R. | NO U.L. | Not rated | Y | -40 | - | 85 | | -40 | - | 185 |
| 391 | Acrylic adhesive / PP film / Silicone paper liner | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 392 | Nylon 6, Conductive | NO U.L. | Not rated | Y | 0 | - | 60 | | -32 | - | 140 |
| 393 | PBT | E36632 | HB | Y | -30 | - | 140 | | -22 | - | 284 |
| 395 | TPE | E80017 | V-1 | Y | -60 | - | 90 | | -76 | - | 194 |
| 396 | Aluminum | NO U.L. | Not rated | Y | -40 | - | 115 | | -40 | - | 239 |
| 397 | PP | NO U.L. | Not rated | * | 0 | - | 65 | | 32 | - | 149 |
| 398 | Silicone Rubber | E207571 | V-0 | * | -40 | - | 150 | | -40 | - | 302 |
| 399 | Nylon 6.6, UV Resistant | NO U.L. | V-2 | * | -40 | - | 65 | | -40 | - | 149 |
| 400 | Acrylic adhesive / PE foam / PE film liner | NO U.L. | Not rated | * | - | - | - | | - | - | - |
| 401 | PP | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 402 | Polychloroprene Rubber | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 403 | Brass | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 404 | TPE | E80017 | HB | Y | -60 | - | 85 | | -76 | - | 185 |
| 405 | 304 Stainless Steel | NO U.L. | Not rated | Y | -200 | - | 870 | | -328 | - | 1598 |
| 406 | Nylon 6/6 | E48285 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 |
| 407 | Liquid Silicone | NO U.L. | Not rated | Y | -40 | - | 150 | | -40 | - | 302 |
| 408 | Magnetic Rubber | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 409 | LDPE | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 410 | Acrylic adhesive / PE foam tape / PE film liner | NO U.L. | Not rated | Y | -40 | - | 100 | | -40 | - | 212 |
| 411 | PPE+PS, F.R. | E45329 | V-0 | Y | -30 | - | 65 | | -22 | - | 149 |
| 412 | LDPE | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 413 | Nylon 6 | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 414 | Acrylic Adhesive / Silicone Liner | MH13557 | Not rated | Y | -29 | - | 150 | | -20 | - | 302 |
| 415 | Mild Steel, Zinc Plated | NO U.L. | Not rated | Y | - | - | - | | - | - | - |
| 416 | TPE | E80017 | HB | Y | -60 | - | 85 | | -76 | - | 185 |
| 417 | Silicone Rubber | NO U.L. | Not rated | Y | -40 | - | 150 | | -40 | - | 302 |
| 418 | LDPE | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 420 | EPDM | NO U.L. | Not rated | Y | -20 | - | -90 | | -4 | - | 194 |
| 421 | LDPE | NO U.L. | Not rated | Y | 0 | - | 65 | | 32 | - | 149 |
| 422 | PP, Modified | E111275 | HB | Y | 0 | - | 65 | | 32 | - | 149 |
| 423 | Nylon 6, Heat Stabilized | E47960 | HB | Y | -40 | - | 65 | | -40 | - | 149 |
| 424 | Nylon 6 | E53898 | V-0 | Y | -40 | - | 120 | | -40 | - | 248 |
| 425 | Silicone Rubber | E55519 | HB | Y | -40 | - | 150 | | -40 | - | 302 |
| 426 | Silicone Rubber | E55519 | HB | Y | -40 | - | 150 | | -40 | - | 302 |
| 427 | EPDM Rubber | NO U.L. | Not rated | Y | -20 | - | 90 | | -4 | - | 194 |
| 428 | Neoprene Rubber | NO U.L. | Not rated | Y | -40 | - | 80 | | -40 | - | 176 |
| 429 | EPDM Rubber | NO U.L. | Not rated | Y | -20 | - | 90 | | -4 | - | 194 |

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**NYLON STORAGE GUIDELINES/SHELF LIFE:**
All nylon parts are packaged in sealed plastic bags and contain an appropriate level of moisture. When stored in the original unopened bags at 73°F (23°C) and 50% RH, parts shelf life is one year from date of shipment.

# RMS Specifications

| RMS No. | Material Description | UL File No. | UL Flame Rating | RoHS Compliance | Material Temperature Range | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | °C | | | | °F | | |
| 430 | Rubber Adhesive / PE Foam | NO U.L. | Not rated | Y | -20 | - | 70 | | -4 | - | 158 |
| 431 | Acrylic Adhesive/PE Foam/Silicone Coated Paper Liner | E327895 | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 432 | HDPE | NO U.L. | Not rated | Y | -20 | - | 60 | | -4 | - | 149 |
| 433 | TPE | NO U.L. | Not rated | Y | -60 | - | 85 | | -76 | - | 185 |
| 434 | Acetal | E36632 | HB | Y | -40 | - | 105 | | -40 | - | 221 |
| 435 | Nylon 6 | E86034 | V-0 | Y | -40 | - | 119 | | -40 | - | 239 |
| 436 | PVC, UV Stabilized | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 437 | Nylon 6/6 | E70062 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 |
| 438 | Nylon 6 | E47960 | V-2 | Y | -40 | - | 85 | | -40 | - | 185 |
| 439 | PVC | NO U.L. | Not rated | Y | 0 | - | 50 | | 32 | - | 122 |
| 440 | EPDM Rubber | NO U.L. | Not rated | Y | -20 | - | 90 | | -4 | - | 194 |
| 441 | EPDM Rubber | NO U.L. | Not rated | Y | -20 | - | 90 | | -4 | - | 194 |
| 442 | EPDM-CR-SBR | NO U.L. | Not rated | Y | -40 | - | 93 | | -40 | - | 199 |
| 448 | PVC | E335039/192387 | V-0 | Y | 0 | - | 50 | | 32 | - | 122 |
| 449 | LDPE | NO U.L. | HB | Y | -30 | - | 50 | | -22 | - | 122 |
| 450 | PP | NO U.L. | Not rated | Y | -25 | - | 100 | | -13 | - | 212 |
| 451 | PPA, 45% Glass Filled | NO U.L. | HB | Y | - | - | 150 | | - | - | 302 |
| 452 | PVC | NO U.L. | Not rated | Y | -30 | - | 50 | | -22 | - | 122 |
| 453 | PVDF | NO U.L. | V-0 | Y | - | - | 110 | | - | - | 230 |

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# Conditions of Sale

BUYER'S ATTENTION IS DRAWN TO CONDITIONS 5, 11 and 12

**1. General**

1.1 The terms and conditions set out below (as amended from time to time by Seller by notice in writing to Buyer or by notice on Seller's Website), (the "Conditions") shall form part of every contract between Seller and Buyer for the sale and purchase of Products or Tooling (a "Contract") and shall apply to any dealings between Seller and Buyer to the express exclusion of any other terms and conditions (including any which Buyer purports to apply under any purchase order, confirmation of order, acknowledgement of delivery, Specifications or any such other documents or by endorsement upon the documents issued by Seller or otherwise).

1.2 No addition to, or modification of, any provision of these Conditions, or any representation, advice or recommendation relating to the Products given by any representative of Seller, shall be binding upon the parties unless made in writing and signed by an authorised representative of each of the parties with the intention of modifying or supplementing these Conditions being clearly expressed.

**2. Interpretation**

2.1 In these Conditions: "Buyer" means the person who purchases the Products from Seller; "Buyer's Tooling" means any die, mould, pattern, tool or other equipment, which is the property of Buyer and/or which was made, purchased or received by Seller from or at the direction of Buyer; "Custom Products" means any goods, other than Standard Products, supplied or to be supplied by Seller; "Group" means any subsidiary and any holding company of Seller and any subsidiary of any such holding company in each case from time to time; "Intellectual Property Rights" means all intellectual property rights including any patent (including supplementation protection certificates) utility model, rights in invention, copyright, rights in the nature of copyright, database rights, moral right, design right, registered and unregistered designs, registered and unregistered trademark, trade names and get-up, goodwill, know-how and confidential information (whether or not all or any of the same are registered and including all applications and rights to apply therefor) and anything analogous to any of the foregoing in any part of the world; "Losses" means all losses, claims, liabilities, costs, charges, expenses and damages of any kind irrespective of whether they were reasonably foreseeable or avoidable; "Order Acceptance" means a written acceptance of an order issued by an authorised signatory of Seller in accordance with condition 3.2; "Products" means any Standard Products and/or any Custom Products or any part thereof; "Sample" means, in relation to a sale by sample, the sample provided by Seller, subject to any tolerances or other variations reflected in any specifications or guidance notes supplied by Seller in relation to the sample, which an authorised signatory of Seller confirms is applicable to the Contract in the Order Acceptance; "Seller" means Essentra Components Pte Ltd, Essentra Malaysia Sdn Bhd, Essentra (India) Private Limited, Essentra FZE or Essentra Pty Ltd; "Seller's Catalogue" means Seller's product catalogue, as published by Seller from time to time including any catalogue on Seller's Website; "Seller's Tooling" means any dies, moulds, patterns, tools or other equipment other than Buyer's Tooling used or to be used in connection with the manufacture of the Custom Products; "Seller's Website" means www.essentracomponents.com or any successor website; "Specifications" means: 2.1.1 in respect of Standard Products, the specifications for the relevant Standard Product as set out in the latest publication of Seller's Catalogue at the time such Standard Product is ordered; 2.1.2 in respect of Custom Products, the specifications for the relevant Custom Product which an authorised signatory of Seller has confirmed are the final specifications for such Custom Product; and 2.1.3 in the absence of any such specifications, the specifications that Seller may, acting reasonably, determine to be appropriate from time to time; "Standard Products" means any goods which are offered for sale by product number in Seller's Catalogue; and "Tooling" means Seller's Tooling and Buyer's Tooling.

2.2 In these Conditions: headings are for convenience only and shall not affect their interpretation; references to a "person" include any individual, company, corporation, firm, partnership, association, organisation, institution, trust or agency, whether or not having a separate legal personality; words in the singular shall include the plural and vice versa as the context admits or requires; any reference to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as time to time amended, consolidated, modified, extended, re-enacted or replaced; and the word "including" shall, unless the context otherwise requires, mean "including without limitation".

**3 Quotes and Orders**

3.1 Quotes are valid for 30 days from the date of the quote, unless otherwise specified by Seller, but are not binding until an order is accepted by Seller in accordance with condition.

3.2 Each order for Products made by Buyer from Seller shall be deemed to be an offer by Buyer to purchase the Products specified in the order on the terms and conditions set out in these Conditions. An order is not binding on Seller until it is accepted by Seller issuing the Order Acceptance or (if earlier) by Seller either commencing manufacture of the Products or any related Tooling or samples, apportioning the Products to Buyer's order or dispatching the Products to Buyer.

3.3 Once accepted, an order may only be cancelled, varied or suspended by Buyer with the express prior written agreement of Seller.

3.4 The quantity and type of Products ordered shall be as set out in the order form or, if different, on the Order Acceptance.

**4 Descriptions, Samples and Literature**

4.1 All drawings, specifications and advertising issued by Seller and any descriptions, details or illustrations contained in any Seller's Catalogue are issued or published for the sole purpose of giving an approximate idea of the Products described in them and will not be relied on by Buyer or form part of the Contract except as provided in condition and condition.

4.2 Any typographical, clerical or other error or omission in any Seller's Catalogue, quote, price list, acceptance of offer, Order Acceptance, label, packaging, invoice or other document or information issued by Seller may be corrected by Seller, without liability to Buyer, at any time either by correcting any such matter in public or by publishing the correction on Seller's Website or by notifying Buyer in writing and such correction shall be binding upon Buyer forthwith.

4.3 Except as otherwise required by law, the Contract shall not be: (a) a sale by sample (even if samples have been provided) unless Seller expressly states on the Order Acceptance that the Contract is to be a sale by sample; or (b) a sale by description even if a description has been provided.

**5. Specifications**

5.1 Buyer will ensure that it undertakes adequate tests to ensure that where the Product meets the Specifications or, if applicable conforms to the Sample, in all material respects it is of satisfactory quality and fit for all of Buyer's purposes. Subject to condition, Buyer expressly acknowledges that, irrespective of any guidance provided to it by Seller, it is not relying on Seller's skill and judgement in determining whether the Products will be fit for all its purposes.

5.2 If Buyer wishes to rely on Seller's skill and judgement in relation to a Custom Product being fit for a particular purpose then prior to placing an order Buyer must expressly advise Seller in writing of the particular purpose and that it wishes to rely on Seller's confirmation rather than conducting its own testing. Seller shall advise Buyer of any additional charges which would apply if such confirmation is given. Buyer shall only be entitled to rely on the Custom Product being fit for that particular purpose if Buyer has provided all the information which Seller would need to undertake the requisite testing and an authorised signatory of Seller has expressly confirmed in the Order Acceptance that the Custom Product can fulfil that particular purpose.

5.3 5.3 Seller shall be entitled to make any changes to any Specifications which do not materially affect the quality or performance of the Products or, subject to notifying Buyer and at Buyer's cost, any material changes which Seller considers are required to be made to Custom Products to comply with any applicable statutory or European Community safety or other requirements. Seller shall not be responsible for ensuring that any Products comply with any applicable statutory or European Community safety or other requirements if the Specifications for such Products have been provided by, or developed or varied pursuant to a request of, Buyer.

5.4 In respect of any Specifications supplied to Seller by or on behalf of Buyer or variations to Specifications made at the request of Buyer and any Tooling either derived from any such Specifications or supplied by or on behalf of Buyer, Buyer warrants, represents and undertakes that such Specifications and/or Tooling: 5.4.1 fully and accurately reflect Buyer's requirements for the Products to be made pursuant to such Specifications or using such Tooling; 5.4.2 are complete and fit for the purpose of Seller producing and/or supplying (if agreed) Products complying with such Specifications and will result in Products which are fit for Buyer's purpose; 5.4.3 will not infringe the Intellectual Property Rights of any third parties and Seller, its Group and agents are entitled to use any Intellectual Property Rights comprised in such Specifications or Tooling or in any product or process described in the Specifications for the purposes of manufacturing the Products; and 5.4.4 will comply with all applicable laws and regulations.

5.5 Except as otherwise expressly provided in the Contract or agreed in writing between Seller and Buyer, Seller shall own all of the Intellectual Property Rights created by Seller, its Group or agents in the course of the performance of the Contract or otherwise in connection with the manufacture of the Products or the Tooling.

**6 Tooling**

6.1 If Seller agrees to supply Custom Products and it notifies Buyer that it requires Buyer's Tooling to do so, then Buyer shall either supply Buyer's Tooling capable of producing the Custom Products or, if agreed between the parties, Seller shall manufacture Buyer's Tooling or obtain it on Buyer's behalf at a price agreed between the parties and subject to having received payment in accordance with clause 6.2.

6.2 Following acceptance of Buyer's first order for the Custom Products to be manufactured using the relevant Buyer's Tooling and subject to receipt of Seller's invoice for such Buyer's Tooling, Buyer shall: 6.2.1 forthwith pay fifty percent (50%) of the whole price of such Buyer's Tooling and shall pay the remaining fifty percent (50%) of such price upon Seller sending samples produced using such Buyer's Tooling to Buyer; or 6.2.2 if requested by Seller, forthwith pay the whole price of such Buyer's Tooling.

6.3 Title to any Buyer's Tooling made or purchased by Seller shall remain with Seller until Seller has received the full price due in respect of such Buyer's Tooling in cash or cleared funds whereupon title shall pass to Buyer. Until title to Buyer's Tooling passes to Buyer the terms of conditions 10.3 and 10.4 shall apply to Buyer's Tooling on the same terms as they apply to the Products. Upon title to Buyer's Tooling transferring to Buyer, Buyer shall be entitled to a licence of the Intellectual Property Rights comprised in Buyer's Tooling to the extent necessary to use Buyer's Tooling to make the relevant Custom Products.

6.4 Risk of loss or damage to Buyer's Tooling supplied to, or purchased on Buyer's behalf by, Seller shall remain with Buyer. Risk of loss or damage to Buyer's Tooling made by Seller shall pass to Buyer upon completion of its manufacture. Buyer shall ensure that Buyer's Tooling is appropriately and adequately insured with a reputable insurer for so long as it remains at

6.5 Seller's premises and will bear the costs of any necessary repairs or replacement.
Seller shall notify Buyer of any loss or damage to Buyer's Tooling whilst in Seller's possession. Seller, its Group or agents shall have no liability to Buyer in respect of any loss or damage to Buyer's Tooling whilst such Buyer's Tooling is in their possession of Seller except to the extent caused by their negligence or intentional damage.

6.6 Seller shall store Buyer's Tooling free of charge for a period of 2 years from the date of last delivery of Products made using Buyer's Tooling. On expiry of this period, Seller may use for its own purposes or continue to store, return or destroy Buyer's Tooling, the cost of which shall be payable by Buyer.

6.7 Where Buyer has indicated that it wishes to purchase a minimum quantity of Custom Products and is aware that Seller will invest or has invested in the manufacture of Seller's Tooling in respect of those Custom Products and Buyer orders or takes delivery of a smaller quantity of such Custom Products than the minimum it previously indicated then Seller may invoice Buyer, pro rata to the quantity of such Custom Products ordered, for the cost of its investment in such Seller's Tooling and for its reasonable administration and handling charges.

6.8 The Intellectual Property Rights in and title to any Seller's Tooling shall remain at all times with Seller except as otherwise expressly agreed in writing. If Buyer purchases Seller's Tooling, then title and risk in Seller's Tooling shall pass to Buyer upon payment in full by Buyer of an amount notified by Seller in writing. Buyer acknowledges that any Seller's Tooling which it purchases will have been used by Seller and that Buyer shall be entitled on reasonable notice to inspect it prior to purchasing it and shall be deemed to have satisfied itself that it is of satisfactory quality and fit for its purposes. Upon title and risk in any Seller's Tooling passing to Buyer it shall thereafter be treated as Buyer's Tooling for the purposes of these Conditions.

6.9 If Seller is required to redesign, repair or replace or otherwise incur any expenditure in relation to any Tooling for use in producing Custom Products, Buyer shall promptly reimburse Seller for all such costs incurred by Seller, including any tooling and re-tooling costs, except to the extent such costs were caused by Seller's negligence or wilful abuse.

6.10 Seller shall be entitled to utilise the Tooling for any purpose at its discretion including for the purpose of manufacturing the Custom Products.

**7 Price**

7.1 Subject to condition, the price of the Products or the Tooling shall be the price specified in the applicable quote or, in the absence of an applicable quote, the price set out in Seller's price list in force as at the time the order is accepted (the "Price"). The Price is inclusive of standard packaging in accordance with Seller's current practice. The Price reflects the limitations on liability set out in these Conditions but, if requested by Buyer, Seller will advise Buyer of the additional costs which would apply if Seller agrees to any variations to such limitations on liability.

7.2 Seller reserves the right, by giving notice to Buyer at any time before delivery, to increase the Price to reflect any increase in the cost to Seller of supplying any Products or Tooling which is due to: 7.2.1 any factor beyond the reasonable control of Seller; 7.2.2 any increase in the cost of labour or materials including any storage costs if the Products are not collected or delivered in accordance with the Contract; 7.2.3 any variation requested by Buyer to delivery dates, quantities, Specifications or the scope of Seller's instructions; 7.2.4 any delay or additional work or materials caused by any instructions, neglect or default of Buyer; or 7.2.5 any failure of Buyer to procure the supply to Seller of adequate and timely information, instructions, specifications or, if applicable, Tooling.

7.3 The Price is exclusive of any applicable value added tax or other taxes or duties and of all costs and charges in relation to non-standard packaging, loading, unloading, carriage and insurance or similar costs, which (if any) shall be paid in addition by Buyer at the time it is due to pay for the Products or the Tooling. Where carriage or other costs to be borne by Buyer are initially paid by Seller, Seller shall be entitled to render an invoice forthwith in respect of such costs.

**8 Payment**

8.1 Seller shall at its discretion be entitled to invoice Buyer for payment of the Price or any other amounts payable by Buyer in advance.

8.2 Seller shall be entitled to: 8.2.1 offer and withdraw credit accounts at any time; 8.2.2 request references and make credit reference searches in relation to Buyer.

8.3 Subject to condition, payment of any Seller's invoice is due (without deduction, discount, abatement or set-off) within 30 days of the date of the invoice, notwithstanding that delivery may not have taken place or that property in the Products or the Tooling has not passed to Buyer. Unless otherwise expressly agreed by Seller, payment shall be made in the same currency as the Price. The time of payment of sums due from Buyer shall be of the essence of these Conditions. No payment will be deemed received until received by Seller in cash or cleared funds. Interest will be payable on overdue amounts at the rate of 3% percent per annum above the Lloyds TSB Bank Plc base rate from time to time.

8.4 If any sums are not paid on or before the due date for payment, interest will accrue on the amount unpaid until payment in full is made (both before and after any judgment). The parties agree that the provisions of this condition provide a substantial contractual remedy for the late payment of sums due pursuant to these Conditions.

8.5 If Buyer fails to make any payment when due pursuant to these Conditions and/or pursuant to any other contract between Buyer and Seller in accordance with its terms then, without prejudice to any other right or remedy available to Seller, Seller shall be entitled to: 8.5.1 terminate the Contract or any other contract between Buyer and Seller; 8.5.2 deduct outstanding sums from any sums owed by Seller to Buyer under the Contract or otherwise; 8.5.3 require Buyer to pay any costs of storage of the Products and any Tooling; 8.5.4 suspend any further deliveries to Buyer under the Contract or any other contract until paid; 8.5.5 treat the Contract as repudiated and terminated; 8.5.6 resell any Products not yet delivered to Buyer; and/or 8.5.7 retain any sums paid as deposit for the Products.

**9 Delivery**

9.1 Unless otherwise agreed in writing, Products will be sent to Buyer by a carrier service chosen by Seller, acting reasonably. Delivery of the Products to Buyer shall be effected by Seller delivering them to the carrier or by collection by the carrier. Thereafter, transport of such Products shall be subject to the carrier's conditions which shall be notified to Buyer, if requested. Seller may deliver early or inform Buyer. Seller shall be no obligation under laws and regulations.

9.2 Where it is agreed in writing that the Products shall be delivered by a method other than that referred to in condition then delivery shall be effected: 9.2.1 where the Products are to be collected by Buyer from Seller's premises, by Seller notifying Buyer that the Products are ready for collection; 9.2.2 where the Products are delivered by Seller, by Seller delivering the Products to the address nominated by Buyer for delivery; or 9.2.3 where the Products are to be transported by a third party, by collection by or delivery to that third party of the Products.

9.3 Any periods of time or dates quoted for delivery of the Products are approximate only. Time for delivery shall not be of the essence. Seller shall not be liable for any delay in delivery of the Products. Seller may deliver up to 10 per cent. more or 10 per cent. less than the quantity of Products specified in the order and Buyer shall accept such variation in quantity and shall pay the Price as adjusted to reflect such variation in quantity.

9.4 Seller shall not be responsible for any Losses incurred or suffered by Buyer as a result of a failure to deliver the Products or for short delivery unless Buyer has informed Seller in writing within ten working days from the estimated date of delivery in relation to a failure to deliver or the actual date of delivery in relation to a short delivery. In any event, subject always to condition, where for any reason Seller is so liable, Seller's liability shall be limited to: 9.4.1 the amount by which the price in the cheapest available market of similar goods to replace those not delivered exceeds the Price of the Product not delivered; or 9.4.2 if there is no such market, an amount equal to the Price applicable to the Products not delivered.

9.5 Where the Products are to be delivered in instalments, each delivery shall constitute a separate obligation and neither any failure by Seller to deliver nor any claim in respect of any one or more instalments by Buyer shall entitle Buyer to treat the Contract as a whole as repudiated.

9.6 Where Buyer fails to take delivery of the Products or fails to give Seller adequate delivery instructions in advance of the time stated for delivery (otherwise than by reason of any cause beyond Buyer's reasonable control or by reason of Seller's neglect or default) then the Products shall be deemed to have been delivered at the time stated for delivery and, without prejudice to any other right or remedy available to Seller, Seller may: 9.6.1 store the Products until actual delivery and charge Buyer for the reasonable costs (including insurance) of storage, if applicable but without any obligation on Seller to procure insurance; or 9.6.2 where Buyer has failed to take delivery of the Products on or before the fifth working day following the intended day for delivery, sell the Products at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) shall account to Buyer for the excess over the Price or invoice Buyer for any shortfall below the Price.

9.7 If, upon delivery of the Products, Buyer discovers that it has incorrectly ordered those Products, Seller's standard handling charge from time to time will be payable by Buyer if Seller agrees (at its sole discretion) to accept return of those Products.

**10 Risk and Property in the Products**

10.1 Products supplied by Seller shall be at Buyer's risk immediately on and after delivery and so Buyer should arrange appropriate insurance from that point.

10.2 Title (legal and beneficial) in all Products supplied or sold by Seller shall be retained by Seller until the earlier of: 10.2.1 Seller having received in either cash or cleared funds all sums due in respect of the Products and on any account whatsoever from Buyer to Seller; or 10.2.2 (on an item by item basis) the Products having been used or incorporated into other products.

10.3 Until such time as the property in the Products passes to Buyer, Buyer must: 10.3.1 hold such Products (on a fiduciary basis for and on behalf of Seller) as Seller's bailee and act in good faith to protect Seller's interests in the Products; 10.3.2 store such Products (at no cost to Seller) separately from all other goods of Buyer in such a way that such Products remain identifiable as property of Seller and shall not mix them with any other goods; 10.3.3 not pledge or allow any lien, charge, or other interest to arise over the Products or their documents of title; 10.3.4 not destroy or deface any identifying marks on such Products or relevant packaging and maintain such Products in satisfactory condition; and 10.3.5 keep such Products insured on Seller's behalf and in the event of any claim hold the proceeds of such insurance on trust for Seller.

10.4 Seller shall be entitled at any time to require Buyer to deliver up any Products to Seller prior to property in the Products passing to Buyer. Buyer grants Seller and its agents an irrevocable licence at any time to enter any premises where such Products are stored to inspect or, if Buyer has failed to deliver up possession when requested by Seller, to repossess such Products.

**11 Quality**

11.1 Subject to the remaining provisions of these Conditions; Seller warrants that on delivery: 11.1.1 all Products and Buyer's Tooling will be of satisfactory quality; and 11.1.2 where Seller has issued a confirmation in relation to fitness for a particular purpose in accordance with condition, the Products will be reasonably fit for that particular purpose. Buyer expressly agrees that a Product will be deemed to be of satisfactory quality and fit for its purpose if (a) in relation to a sale by sample, the Product complies with the Sample in all material respects; or (b) in all other cases, the Product complies with its Specifications in all material respects.

11.2 The warranties contained in condition shall not apply unless: 11.2.1 in respect of defects that are apparent on inspection of the Products or Tooling, Buyer notifies Seller, in writing, setting out in reasonable detail the nature of the breach of warranty within fourteen days after the delivery of the Products; or 11.2.2 in relation to defects that are not apparent on inspection of the Products or Tooling, Buyer notifies Seller in writing setting out in reasonable detail the nature of the breach of warranty within 14 days after the defect became apparent or ought to have become apparent to Buyer, and in any event within 12 months of the date of delivery of the Products; and 11.2.3 after receiving such notice of the defect, Seller is given reasonable opportunity to inspect the Products or Tooling and, at Seller's request (acting reasonably), the Products or Tooling are returned to Seller's place of business for the purposes of such inspection; and 11.2.4 the total price for the Products has been paid by Buyer.

11.3 Seller shall not be liable for any breach of any of the warranties in condition if: 11.3.1 the Product conforms to its Specifications, or if applicable Sample, in all material respects; 11.3.2 the breach was caused directly or indirectly by Buyer's breach of condition or by Buyer's Tooling, except to the extent caused by Seller's negligent actions or omissions in respect of the manufacture or use of Buyer's Tooling; 11.3.3 the breach was caused directly or indirectly by the acts or omissions of any persons not expressly authorised by Seller, including repairs, additions or changes made to the Products by or on behalf of Buyer; 11.3.4 the breach was caused directly or indirectly by parts, materials or equipment incorporated into a Product but not manufactured by Seller, in respect of which Buyer shall only be entitled to the benefit of any such warranty or guarantee as was given by the manufacturer to Seller and which is capable of being assigned to Buyer (at Buyer's cost); 11.3.5 Buyer makes further use of or resells the Products after giving notice of a defect or fails to comply with Seller's reasonable instructions in relation to a product hold or recall; or 11.3.6 the breach was caused directly or indirectly by environmental conditions or use or storage or handling of the Products outside the parameters of its Specifications or instructions supplied by Seller or by any matter specifically excluded by Seller by notice in writing including carelessness, mishandling, operating errors, vandalism or unforeseen events.

11.4 Subject to conditions and, where Products or parts thereof returned to Seller are found, in the reasonable opinion of Seller, not to conform with the warranty contained in condition or any other warranties, quality standards or conditions implied by law, Seller shall discharge any liability in full by, at its sole discretion, repairing or replacing the whole or part of all or any of the Products or refunding the Price of the non-conforming Products. Any Products which have been so replaced shall be owned by Seller.

11.5 Subject to the provisions of condition, the warranties contained in condition shall be the sole extent of Seller's liability arising out of or in connection with the Products.

11.6 Buyer shall comply with all reasonable instructions of Seller in relation to any product hold or product recall campaign organised in respect of the Products or any other corrective action reasonably taken by or on behalf of Seller in respect of the Products after delivery to Buyer.

**12 Limitation of Liability**

12.1 For the purposes of this condition 12: 12.1.1 "Claim" means a claim arising out of or in connection with the supply of any Products or Tooling to Buyer or as a result of breach of these Conditions or of any duty of any nature whatsoever by Seller or pursuant to any use made by Buyer or resale by Buyer of any Products (or of any product incorporating any of the Products) or of any Tooling or as a result of any representation, statement, act or omission including negligence arising under or in connection with these Conditions or the Contract; 12.1.2 "Claim Limit" means, in respect of any calendar year, the greater of: 12.1.2.1 the aggregate amount

payable to Seller by Buyer for goods of the type that are the subject of the Claims purchased by Buyer from Seller in that year (the "Relevant Goods"); 12.1.2.2 in the first three months of that year, the aggregate amount payable by Seller to Buyer for the Relevant Goods purchased in the previous year; or 12.1.2.3 where no Relevant Goods were purchased in the previous year or the Claim does not relate to the purchase of goods, to an aggregate sum of (a) where the Relevant Goods are exclusively Standard Products, £50,000; or (b) where the Relevant Goods include Custom Products or Tooling, £100,000.

12.2 Without prejudice to conditions and, Seller's aggregate liability (including any liability for the acts or omissions of its employees, agents, sub-contractors or other members of its Group) to Buyer for all Claims whether arising in contract, tort (including negligence or breach of a statutory duty), misrepresentation, restitution or otherwise shall be limited as follows: 12.2.1 Seller's aggregate liability for a Claim in relation to any single item of Product shall be limited to the Price payable to Seller by Buyer for that item; 12.2.2 Seller's aggregate liability for a Claim in relation to any item of Tooling shall be limited to the depreciated value of such item or its replacement price, whichever is the lower.and 12.2.3 Seller's aggregate liability to Buyer for all Claims arising in each calendar year shall be limited to the Claim Limit.

12.3 Without prejudice to condition 12.6, where a Court adjudicates that the exclusion of liability in condition is for any reason unenforceable, Seller's liability for the matters described in condition or, arising pursuant to the sale and purchase of the goods, tooling and related matters, shall be limited in respect of all Claims arising in any calendar year to the greater of: (a) the aggregate amount payable to Seller by Buyer in respect of the Products or Tooling to which any of the Claims relate; or (b) where the Claims relate exclusively to Standard Products, £100,000 and where the Claims do not exclusively relate to Standard Products, £200,000; in each case in aggregate in that calendar year.

12.4 Seller shall not be liable to Buyer or any other party for any (a) indirect Losses, (b) economic loss, (c) loss of profits or anticipated profits, (d) loss of expected future business, (e) damage to reputation or goodwill, nor (f) any claim for consequential compensation whatsoever (however caused), which arises in connection with the supply of Products or Tooling or related services by Seller, in each case whether direct or indirect or consequential and,whether such losses are suffered by Buyer or by any other party.

12.5 Subject to condition, unless otherwise expressly provided in these Conditions all implied warranties, terms and conditions are excluded from the Contract to the fullest extent permitted by law and Seller will not be liable to Buyer for any loss of any kind whatsoever which arises out of the breach of implied warranties, terms or conditions, or breach of any duty of any kind imposed on Seller by operation of law.

12.6 If Buyer becomes aware that any third party has made or appears likely to make any claim in respect of the Products (including, without limitation, as to defects in them or rights infringed by them) it shall: 12.6.1 promptly notify Seller of such claim or circumstance; 12.6.2 promptly provide such assistance to Seller and take such action as Seller may request to avoid, dispute, defend, mitigate, resist, appeal or compromise such claim or circumstance including but not limited to allowing Seller to take full control of any proceedings or negotiations in connection with the claim; and 12.6.3 not settle or compromise, make any admissions, nor agree any matter in the conduct of any dispute, without the prior written approval of Seller.

12.7 Without prejudice to any other provision of these Conditions, Seller will not be in breach of the terms of the Contract for any delay in performing, or failure to perform, its obligations under the Contract if that failure or delay was due to any cause or circumstance beyond Seller's reasonable control, which shall, without limiting the generality of the term, be deemed to include war or other action of military forces, terrorism, riot, civil commotion, sabotage, vandalism, accident, break down or damage to machinery or equipment, fire, flood, acts of God, strike, lock-out or other industrial disputes (whether or not involving employees of Seller) or shortage of materials at the market rates existing when the Agreement is made, legislative or administrative interference or was due to any failure, neglect or delay on the part of Buyer or its agents or representatives.

12.8 Seller reserves the right to defer the date of delivery or to terminate the Contract or reduce the volume of the Products ordered by Buyer (without liability to Buyer) if it is prevented from or delayed in the carrying on of its business due to an event referred to in condition occurring, provided that where the event in question continues for a continuous period in excess of 30 days either party shall be entitled to give notice in writing to the other to terminate the Contract with no liability due to or by either party.

12.9 Buyer acknowledges that the limitations of liability set out in these Conditions are reasonable and reflect the commercial intentions of the parties in the context of the anticipated earnings of Seller under the Contract and any other contracts and the ability of Buyer to protect itself through insurance. Seller may be willing to vary the limitations on liability in relation to specific Products if requested by Buyer subject to Buyer bearing the additional costs as notified to it by Seller. For the avoidance of doubt, any payment made by Seller to Buyer in any calendar year in respect of any Claim made by Buyer pursuant to any contract or otherwise shall operate to reduce the amount of the Claim Limit, and the limit of liability set out in condition, which is available for further Claims in that calendar year.

**13. Termination**

13.1 Without affecting any other rights and remedies it may have, Seller may terminate the Contract forthwith if: 13.1.1 Buyer breaches any terms of any contract with Seller; 13.1.2 Buyer makes any composition or voluntary arrangement with its creditors or any step, application, order, proceeding or appointment is made or taken by or in respect of Buyer (including, without limitation, the making of an application or the giving of any notice) by Buyer or any other person for a distress, execution, winding up, dissolution, or to appoint an administrator of Buyer or (being an individual or firm) becomes bankrupt or (being a company) goes into liquidation (otherwise than for the purposes of a solvent amalgamation or reconstruction); 13.1.3 an encumbrance takes possession, or a receiver (administrative or otherwise) is appointed, of any of the property or assets of Buyer; or Buyer ceases, or threatens to cease, to carry on business; or 13.1.4 Seller reasonably apprehends that any of the events mentioned in conditions to above is about to occur in relation to Buyer and notifies Buyer accordingly.

13.2 Buyer may, on 30 days written notice, terminate: 13.2.1 the Contract within 30 days of receiving notice from Seller pursuant to conditions or that the Price of the Products which are the subject of the Contract is increasing by more than 10% of the original Price specified in applicable to the Products at the time the Contract is concluded; or 13.2.2 that part of the Contract relating to Custom Products on 30 days written notice if it does not wish (acting reasonably) to accept the changes to the Specifications of the Custom Products notified by Seller pursuant to condition.

13.3 Where Seller terminates the Contract in accordance with conditions or then, without prejudice to any other right or remedy available to Seller: 13.3.1 Seller shall be entitled to terminate any other contract or suspend any further deliveries under the Contract or any other contract; 13.3.2 where the Products have been delivered, but not paid for, subject to condition, Buyer's right to possession shall terminate and Seller may dispose or use any of the Products as it wishes; and 13.3.3 the Price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

13.4 Termination of the Contract, for whatever reason, shall not affect any of its provisions which are intended to continue to have effect after it has come to an end, including conditions 6, 10, 11, 12, 13, 14 and 15.

**14 Indemnity**

14.1 Without prejudice to Seller's other rights and remedies, Buyer shall indemnify and keep indemnified Seller, its Group and their employees and agents on demand in full against any Losses incurred or suffered as a result of: 14.1.1 cancellation, variation or suspension of an order by the Buyer pursuant to condition 3.3; 14.1.2 any claim brought by any third party in respect of Losses, injury or damage caused by the Custom Products or Buyer's Tooling or by any Products which, following delivery, have been subjected to any use other than the authorised use for such Products (being the use for which such Products are commonly supplied or a use expressly authorised in accordance with condition) or modified or repaired by a person other than Seller or any event has occurred (including any act or omission) which would result in condition ceasing to apply to those Products; 14.1.3 the use of Specifications or Tooling supplied by or on behalf of Buyer or modified at the request of Buyer; 14.1.4 any breach of condition 5.4 and any claims by any third party in relation to any infringement or alleged infringement of any of its Intellectual Property Rights as a result of the use, possession or supply of any Custom Product or any Specifications and/or Tooling supplied by or on behalf of or modified at the request of Buyer; and 14.1.5 any termination pursuant to conditions 8.6 or 13.1.

**15 Miscellaneous**

15.1 Seller may perform any of its obligations or exercise any of its rights hereunder by itself or through its subcontractors or agents or any member of its Group. Any act or omission of any such subcontractor or agent or member of its Group shall be deemed to be the act or omission of Seller and shall be subject to the exclusions or limitations on liability set out in these Conditions. Buyer shall not transfer, assign or sub-contract any of its rights or obligations under the Contract without Seller's prior written consent and in any event shall remain responsible for the performance of the Contract by any transferee, assign or sub-contractor.

15.2 Any notice shall be in writing addressed to the other party at, in the case of Seller, Essentra Components Pte Ltd, 238A Thomson Road #25-04/05 Novena Square Singapore 307684, (65) 6841 5481 or Essentra Malaysia Sdn. Bhd, D5-5-6, Solaris Dutamas 1 Jalan Dutamas 1, 50480 Kuala Lumpur, Malaysia, (60) 3 6207 3232 or Essentra (India) Private Limited No. 3 (Old Plot nos. 18 & 23) 3rd Main Road Peenya Industrial Area, Phase 1 Yeshwantpur Hobli Bangalore 560 058 India, (91) 0 80 4545 3618 or Essentra FZE, PO Box No 261392 Plot No. S20403 Jebel Ali Free Zone (JAFZA) Dubai United Arab Emirates, (971) 4 8806919 or Essentra Pty Ltd 503 Victoria Street Wetherill Park NSW, 2164 Australia, (61) 02 96844521 and in the case of Buyer at its registered address or such other address as may at the relevant time have been notified to Seller. Hand delivered notices shall take effect immediately, postal notices, two working days after posting by first class post and, if sent by fax, at the date and time on the sender's transmission acknowledgement slip or (if lost) on receipt.

15.3 No waiver by Seller of any breach of the Contract by Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision. Failure by Seller to enforce any term of the Contract shall not be waiver of Seller's rights.

15.4 If any provision of the Contract is held by any competent authority to be invalid or unenforceable in whole or in part, the validity of the other provisions of the Contract and the remainder of the provision in question shall not be affected thereby.

15.5 The Contract contains the entire agreement and understanding of the parties and supersedes all prior agreements, understandings or arrangements (both oral and written) in respect of the Products (save that neither party seeks to exclude liability for fraudulent pre-contractual misrepresentation upon which the other party can be shown to have relied).

15.6 The Contract shall be governed by the laws. Any dispute shall be referred to the exclusive jurisdiction of the Courts save that Seller shall retain the right to bring proceedings against Buyer in any other court.

15.7 Save in respect of the rights, indemnities or warranties expressly stated to be given in favour of the Group, or Seller's agents, all of which shall accrue directly for their benefit, the parties to the Contract do not intend that any term of the Contract will be enforceable under the Contracts by any person that is not a party to it. No such person shall have any rights relating to any extension, waiver and/or amendment to the Contract including but not limited to, any rights to approve any extension, waiver and/or amendment to the Contract.

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