## Standard Products

We can manufacture and supply plastic studding from size M3 to M24 in up to 3 metre lengths.

A comprehensive range of injection moulded components and fasteners can be manufactured from the following materials:

**Nylon** Type 6.6 a Polyamide and one of the hardest and strongest engineering grades of plastic. Grades of filled Nylon are available including Molybdenum Disulphide, Glass and Carbon etc.

**Polypropylene** Most of the fasteners produced in nylon can also be manufactured from Polypropylene which is used for it's resistance to certain chemicals.

**PVDF (Polyvinylidene Fluoride)** Again most of the fasteners produced in Nylon can also be manufactured from PVDF, which is used for it's excellent chemical resistance.

**Polyacetal, Polyethylene, Polycarbonate**, and many more.

A range of colours are available in most materials (subject to a minimum order restriction).

**Computer Design** CAD design & CAM engineering for custom made plastic injection mouldings.

**Free Samples** and advice from our friendly and well trained staff.

**Distributors of Stock Shapes** We are also stockists of rod, bar and sheet in Nylon, Polypropylene, P.V.D.F. and Acetal.

**Machine Shop** For custom made parts to customers specified requirements.

## Nylon Screwed Rod (Studding)

Standard lengths 1 metre long. Up to 3 metres long if required.

Studding can be manufactured from other materials i.e. Polypropylene, P.V.D.F. and Polyacetal. Studs can be provided to required length and can be threaded each end.

Other Thread Forms:

Imperial - B.S.W. 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 1" (to order)
- B.S.F. 1/4" 3/8" 1/2" 9/16" 5/8" 3/4" 1" (to order)
- B.S.P. 1/4" 1/2" 3/4" to order

American - U.N.C./U.N.F. from 1/4" up to 1" (to order)

Technical data is available on request.

ISOMETRIC DIN 975

| Thread Diameter | Pitch |
|---|---|
| M3 | 0.5 |
| M4 | 0.7 |
| M5 | 0.8 |
| M6 | 1.0 |
| M8 | 1.25 |
| M10 | 1.5 |
| M12 | 1.75 |
| M14 | 2.0 |
| M16 | 2.0 |
| M18 | 2.5 |
| M20 | 2.5 |
| M22 | 2.5 |
| M24 | 3.0 |

# Nylon Nuts

| Hexagonal Full Nuts Din 555/934 | | | | |
|---|---|---|---|---|
| Product Code | Thread Size | Pitch | Thickness | Across Flats |
| 1110020 | M2 | 0.4 | 1.2 | 3.9 |
| 1110025 | M2.5 | 0.45 | 1.8 | 4.9 |
| 1110030 | M3 | 0.5 | 2.4 | 5.5 |
| 1110035 | M3.5 | 0.6 | 2.7 | 6.9 |
| 1110040 | M4 | 0.7 | 3.2 | 7.0 |
| 1110050 | M5 | 0.8 | 4.0 | 8.0 |
| 1110060 | M6 | 1.0 | 5.5 | 10.0 |
| 1110080 | M8 | 1.25 | 6.5 | 13.0 |
| 1110100 | M10 | 1.50 | 8.0 | 17.0 |
| 1110120 | M12 | 1.75 | 10.0 | 19.0 |
| 1110140 | M14 | 2.0 | 11.0 | 22.0 |
| 1110160 | M16 | 2.0 | 13.0 | 24.0 |
| 1110180 | M18 | 2.5 | 15.0 | 27.0 |
| 1110200 | M20 | 2.5 | 16.0 | 30.0 |
| 1110240 | M24 | 3.0 | 19.0 | 36.0 |

| Half/Lock Hexagonal Nuts | | | | |
|---|---|---|---|---|
| Product Code | Thread Size | Pitch | Thickness | Across Flats |
| 1110120HN | M12 | 1.75 | 7.0 | 19.0 |
| 1110160HN | M16 | 2.0 | 8.0 | 24.0 |

| Combined Nut/Washer | | | | | |
|---|---|---|---|---|---|
| Product Code | Thread Size | Pitch | Thickness | Washer Diameter | Across Flats |
| 1140030 | M3 | 0.5 | 3.1 | 6.6 | 5.5 |
| 1140040 | M4 | 0.7 | 3.4 | 8.8 | 7.0 |
| 1140050 | M5 | 0.8 | 5.2 | 9.8 | 7.9 |
| 1140060 | M6 | 1.0 | 6.0 | 13.0 | 10.0 |
| 1140080 | M8 | 1.25 | 8.0 | 17.0 | 13.0 |
| 1140100 | M10 | 1.50 | 9.5 | 22.0 | 17.0 |
| 1140120 | M12 | 1.75 | 14.5 | 27.0 | 19.0 |
| 1140160 | M16 | 2.0 | 19.5 | 39.0 | 24.0 |
| 1140200 | M20 | 2.5 | 18.0 | 42.0 | 30.0 |

| Combined Nuts/Large Washer | | | | | |
|---|---|---|---|---|---|
| Product Code | Thread Size | Pitch | Thickness | Washers Diameter | Across Flats |
| 1140120L | M12 | 1.75 | 17.5 | 39.0 | 19.0 |

| Hexagonal Dome Nuts Din 1587 | | | | |
|---|---|---|---|---|
| Product Code | Thread Size | Pitch | Height | Across Flats |
| 1130030 | M3 | 0.5 | 5.1 | 5.5 |
| 1130040 | M4 | 0.7 | 8.0 | 7.0 |
| 1130050 | M5 | 0.8 | 10.0 | 8.0 |
| 1130060 | M6 | 1.0 | 12.0 | 10.0 |
| 1130080 | M8 | 1.25 | 15.0 | 13.0 |
| 1130100 | M10 | 1.50 | 17.5 | 16.0 |
| 1130120 | M12 | 1.75 | 23.5 | 19.0 |
| 1130160 | M16 | 2.0 | 27.5 | 24.0 |

| | | | | |
|---|---|---|---|---|
| 1130200 | M20 | 2.5 | 29.1 | 26.7 |

| Wing Nuts (Butterfly Type) | | | | | |
|---|---|---|---|---|---|
| Product Code | Thread Size | Pitch | Height | Width | Nut Diameter |
| 1120040 | M4 | 0.7 | 12.2 | 22.8 | 10.2 |
| 1120050 | M5 | 0.8 | 12.2 | 22.8 | 10.2 |
| 1120060 | M6 | 1.0 | 16.0 | 28.0 | 14.2 |
| 1120080 | M8 | 1.25 | 18.3 | 35.1 | 16.5 |
| 1120100 | M10 | 1.50 | 18.3 | 35.1 | 16.5 |
| 1120120 | M12 | 1.7 | 22.7 | 44.7 | 21.1 |

| Hexagonal Nut/Screw Covers |
|---|
| M4 - M24 |

## Nylon Washers

| Standard DIN 125 | | | | |
|---|---|---|---|---|
| Description | Out Diameter | Inside Diameter | Thickness | Product Code |
| M2 | 5.00 | 2.20 | 0.30 | 1160020 |
| M2 | 5.00 | 2.15 | 0.80 | 1160020L |
| M2.5 | 6.00 | 2.70 | 0.50 | 1160025 |
| M3 | 7.00 | 3.20 | 0.50 | 1160030 |
| M3 | 8.00 | 3.20 | 0.80 | 1160030S |
| M3.5 | 8.00 | 3.70 | 0.50 | 1160035 |
| M4 | 9.00 | 4.30 | 0.80 | 1160040 |
| M5 | 10.00 | 5.30 | 1.00 | 1160050 |
| M6 | 12.50 | 6.40 | 1.60 | 1160060 |
| M7 | 14.00 | 7.40 | 1.60 | 1160070 |
| M8 | 17.00 | 8.40 | 1.60 | 1160080 |
| M10 | 21.00 | 10.50 | 2.00 | 1160100 |
| M12 | 24.00 | 13.00 | 2.50 | 1160120 |
| M14 | 30.00 | 15.00 | 3.00 | 1160140 |
| M16 | 30.00 | 17.00 | 3.00 | 1160160 |
| M18 | 34.00 | 19.00 | 3.00 | 1160180 |
| M20 | 37.00 | 21.00 | 3.00 | 1160200 |
| M22 | 39.00 | 23.00 | 3.00 | 1160220 |
| M24 | 44.00 | 25.00 | 4.00 | 1160240 |
| M27 | 50.00 | 28.00 | 4.00 | 1160270 |
| M30 | 56.00 | 31.00 | 4.00 | 1160300 |
| M33 | 60.00 | 34.00 | 5.00 | 1160330 |
| M36 | 66.00 | 37.00 | 5.00 | 1160360 |

| Large DIN 9021 | | | | |
|---|---|---|---|---|
| Description | Out Diameter | Inside Diameter | Thickness | Product Code |
| M2.5 | 5.60 | 2.65 | 0.80 | 1160025L |
| M3 | 9.00 | 3.20 | 0.80 | 1160030L |
| M4 | 12.00 | 4.30 | 1.00 | 1160040L |
| M5 | 15.00 | 5.30 | 1.50 | 1160050L |
| M6 | 19.00 | 6.40 | 1.50 | 1160060L |
| M8 | 25.00 | 8.40 | 2.00 | 1160080L |
| M10 | 30.00 | 10.50 | 2.50 | 1160100L |
| M12 | 40.00 | 13.00 | 3.00 | 1160120L |
| M16 | 50.00 | 17.00 | 3.00 | 1160160L |

| | | | | |
|---|---|---|---|---|
| M20 | 60.00 | 22.00 | 4.00 | 1160200L |

| Form 'C' Nylon 6.6 Washers | | | | |
|---|---|---|---|---|
| Description | Out Diameter | Inside Diameter | Thickness | Product Code |
| M6 | 14.00 | 6.40 | 1.60 | 1160060 |
| M8 | 21.00 | 8.40 | 2.00 | 1160080 |
| M10 | 24.00 | 10.50 | 2.00 | 1160100 |
| M16 | 32.00 | 17.00 | 3.00 | 1160160 |
| M20 | 39.00 | 21.00 | 3.00 | 1160200 |
| M24 | 50.00 | 25.00 | 4.00 | 1160240 |
| M27 | 56.00 | 28.00 | 4.00 | 1160270 |
| M30 | 60.00 | 31.00 | 4.00 | 1160300 |
| M33 | 66.00 | 34.00 | 5.00 | 1160330 |
| M36 | 72.00 | 37.00 | 5.00 | 1160360 |

## Special Nylon Washers

| Special Nylon 6.6 Washers | | | |
|---|---|---|---|
| Inside Diameter | Outside Diameter | Thickness | Product Code |
| 3.2 | 5.0 | 3.0 | 16705000320300 |
| 3.7 | 6.9 | 0.8 | 16706900370080 |
| 4.5 | 19.0 | 1.5 | 16719000450150 |
| 5.3 | 9.0 | 0.5 | 16709000530050 |
| 5.3 | 11.0 | 1.0 | 16711000530100 |
| 5.8 | 12.5 | 1.0 | 16712500580100 |
| 6.0 | 40.0 | 3.0 | 16740000600030 |
| 6.3 | 13.8 | 2.6 | 16713800630260 |
| 6.35 | 14.3 | 0.8 | 16714300635080 |
| 6.4 | 12.0 | 1.5 | 16712000640150 |
| 6.4 | 13.0 | 1.0 | 16713000640100 |
| 6.4 | 24.0 | 2.5 | 16724000640250 |
| 6.43 | 15.0 | 3.0 | 16715000643300 |
| 6.53 | 12.7 | 3.18 | 16712700653318 |
| 6.53 | 12.7 | 0.81 | 16712700653081 |
| 8.2 | 16.00 | 3.00 | 16716000820300 |
| 6.60 | 17.65 | 1.52 | 16717650660152 |
| 8.4 | 50.80 | 1.6 | 16750000800160 |
| 8.4 | 20.00 | 3.00 | 16720000840300 |
| 8.4 | 21.0 | 2.0 | 16721000840200 |
| 8.4 | 24.0 | 2.5 | 16724000840250 |
| 8.4 | 40.0 | 3.0 | 16740000840300 |
| 8.64 | 15.6 | 3.18 | 16715620864318 |
| 10.0 | 20.8 | 1.6 | 16720801000160 |
| 10.4 | 50.0 | 2.0 | 16750001040200 |
| 10.5 | 22.0 | 2.5 | 16722001050250 |
| 11.0 | 25.0 | 2.0 | 16725001100200 |
| 11.0 | 50.0 | 2.0 | 16750001100200 |
| 11.5 | 60.0 | 2.5 | 16760001150025 |
| 12.0 | 40.0 | 1.5 | 16740001200150 |
| 12.19 | 20.96 | 2.54 | 16720961219254 |
| 12.5 | 22.2 | 2.0 | 16722201250200 |
| 12.78 | 28.45 | 0.84 | 16728451278084 |
| 13.0 | 26.0 | 1.6 | 16726001300160 |

| | | | |
|---|---|---|---|
| 14.0 | 50.0 | 3.0 | 16750001400300 |
| 16.0 | 25.40 | 1.5 | 16725001600200 |
| 17.0 | 23.0 | 3.0 | 16723001700300 |
| 20.5 | 40.0 | 1.5 | 16740002050150 |
| 27.5 | 37.0 | 2.0 | 16737002750200 |
| 30.0 | 42.0 | 2.4 | 16742403000240 |

| Nylon 6.6 Load Bearing Washers | | | | |
|---|---|---|---|---|
| Size | Inside Diameter | Outside Diameter | Thickness | Product Code |
| M10 | 10.5 | 50.0 | 3.0 | 1660100 |
| M12 | 13.0 | 50.0 | 3.0 | 1660120 |
| M16 | 17.0 | 80.0 | 3.0 | 1660160 |

| Nylon 6.6 Cup Washers | |
|---|---|
| Description | Product Code |
| M4 Small Cheesehead | 019044200 |
| M6 Medium Cheesehead | 019070400 |
| M10 Large Cheesehead | 019103185 |
| M5 Panhead | 023054240 |
| M6 Panhead | 023063350 |

If the size you require is not listed please enquire, blanked washers are also available from a variety of Non-Metallic materials .i.e. P.V.C., P.T.E.E. Felt, Laminates, Fibre, Rubber, etc.

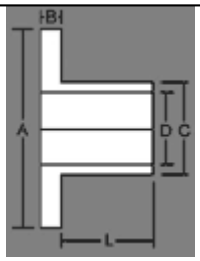
## Nylon Spacers

| Nylon 6.6 Spacers | | | |
|---|---|---|---|
| Inside Diameter | Outside Diameter | Length | Product Code |
| 2.50 | 5.00 | 8.00 | 168050002500800 |
| 2.50 | 5.00 | 14.00 | 16805000250140 |
| 6.30 | 16.00 | 4.85 | 168160006300480 |
| 6.30 | 16.00 | 6.50 | 168160006300650 |
| 6.40 | 25.00 | 6.00 | 168250006400600 |
| 6.53 | 12.70 | 25.40 | 168127006532540 |
| 7.50 | 18.00 | 10.00 | 168180007501000 |
| 7.50 | 18.00 | 15.00 | 168180007501500 |
| 8.20 | 14.00 | 5.50 | 168140008200550 |
| 8.40 | 25.00 | 6.00 | 168250008400600 |
| 8.50 | 14.00 | 15.00 | 168140008501500 |
| 9.60 | 16.00 | 12.70 | 168160009201270 |
| 10.00 | 22.00 | 5.00 | 168220010000500 |
| 10.00 | 50.00 | 5.00 | 168500010000500 |
| 10.50 | 25.00 | 6.00 | 168250010500600 |
| 12.50 | 50.00 | 5.00 | 168500012500500 |
| 13.00 | 17.00 | 22.00 | 168170013002200 |
| 13.00 | 30.00 | 4.00 | 168300013000400 |
| 15.00 | 32.00 | 9.50 | 168320015000950 |
| 15.50 | 30.00 | 4.00 | 168300015500400 |
| 16.00 | 50.00 | 5.00 | 168500016000500 |
| 18.50 | 22.00 | 19.0 | 168220018501900 |
| 25.00 | 50.00 | 5.00 | 168500025000500 |
| 26.00 | 44.00 | 4.00 | 168440026000400 |
| 72.00 | 100.0 | 5.00 | 168999972000500 |

Tapped spacers, Hexagon Tapped spacers, Shoulder washers and Bushes also available.

Many other sizes available on request.

## Nylon Insulators




| Nylon 6.6 Machine Screw Insulators | | | | | | |
|---|---|---|---|---|---|---|
| Product Code | Size | Length | A | B | C | D |
| 164002003 | M2 | 3.0 | 4.2 | 1.0 | 3.0 | 2.1 |
| 164002004 | M2 | 4.0 | 4.2 | 1.0 | 3.0 | 2.1 |
| 164003002 | M3 | 2.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003003 | M3 | 3.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003004 | M3 | 4.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003005 | M3 | 5.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003006 | M3 | 6.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003007 | M3 | 7.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003008 | M3 | 8.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003009 | M3 | 9.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164003010 | M3 | 10.0 | 6.2 | 1.0 | 4.0 | 3.1 |
| 164004003 | M4 | 3.0 | 8.2 | 1.5 | 6.0 | 4.1 |
| 164004004 | M4 | 4.0 | 8.2 | 1.5 | 6.0 | 4.1 |
| 164004005 | M4 | 5.0 | 8.2 | 1.5 | 6.0 | 4.1 |
| 164004007 | M4 | 7.0 | 8.2 | 1.5 | 6.0 | 4.1 |
| 164004009 | M4 | 9.0 | 8.2 | 1.5 | 6.0 | 4.1 |
| 164004012 | M4 | 12.0 | 8.2 | 1.5 | 6.0 | 4.1 |
| 164005003 | M5 | 3.0 | 10.2 | 2.0 | 7.0 | 5.1 |
| 164005004 | M5 | 4.0 | 10.2 | 2.0 | 7.0 | 5.1 |
| 164005005 | M5 | 5.0 | 10.5 | 2.0 | 7.0 | 5.1 |
| 164005007 | M5 | 7.0 | 10.2 | 2.0 | 7.0 | 5.1 |
| 164005009 | M5 | 9.0 | 10.2 | 2.0 | 7.0 | 5.1 |
| 164006004 | M6 | 4.0 | 12.2 | 2.0 | 8.0 | 6.1 |
| 164006006 | M6 | 6.0 | 12.2 | 2.0 | 8.0 | 6.1 |
| 164006008 | M6 | 8.0 | 12.2 | 2.0 | 8.0 | 6.1 |
| 164006010 | M6 | 10.0 | 12.2 | 2.0 | 8.0 | 6.1 |
| 164006012 | M6 | 12.0 | 12.2 | 2.0 | 8.0 | 6.1 |
| 164008004 | M8 | 4.0 | 14.2 | 2.5 | 10.0 | 8.1 |
| 164008006 | M8 | 6.0 | 14.2 | 2.5 | 10.0 | 8.1 |
| 164008008 | M8 | 8.0 | 14.2 | 2.5 | 10.0 | 8.1 |
| 164008010 | M8 | 10.0 | 14.2 | 2.5 | 10.0 | 8.1 |
| 164008012 | M8 | 12.0 | 14.2 | 2.5 | 10.0 | 8.1 |
| 164010006 | M10 | 6.0 | 30.0 | 1.5 | 11.2 | 10.5 |
| 164010010 | M10 | 10.0 | 30.0 | 1.5 | 11.2 | 10.5 |
| 164010012 | M10 | 12.0 | 30.0 | 1.5 | 11.2 | 10.5 |
| 164010015 | M10 | 15.0 | 30.0 | 1.5 | 11.2 | 10.5 |
| 164010023 | M10 | 23.0 | 30.0 | 1.5 | 11.2 | 10.5 |
| 164012016 | M12 | 16.0 | 30.0 | 2.0 | 16.0 | 13.0 |
| 164020017 | M20 | 17.5 | 36.0 | 2.0 | 22.0 | 20.2 |

The above sizes are to tolerance plus/minus 0.13mm.

Nylon screw insulators are used to isolate Metal Screws. They are excellent electrical insulators, resist corrosion and can be used as light load bearings.

## Nylon Cheesehead Screws

Thread Size M2 0.4mm Pitch

| Product Code | Length |
|---|---|
| 119020004 | 4mm |
| 119020005 | 5mm |
| 119020006 | 6mm |
| 119020008 | 8mm |
| 119020010 | 10mm |
| 119020012 | 12mm |
| 119020016 | 16mm |
| 119020020 | 20mm |
| 119020025 | 25mm |

Thread Size M2.5 0.45mm Pitch

| Product Code | Length |
|---|---|
| 119025004 | 4mm |
| 119025005 | 5mm |
| 119025006 | 6mm |
| 119025008 | 8mm |
| 119025010 | 10mm |
| 119025012 | 12mm |
| 119025016 | 16mm |
| 119025020 | 20mm |
| 119025025 | 25mm |

Thread Size M3 0.5mm Pitch

| Product Code | Length |
|---|---|
| 119030003 | 3mm |
| 119030004 | 4mm |
| 119030005 | 5mm |
| 119030006 | 6mm |
| 119030008 | 8mm |
| 119030010 | 10mm |
| 119030012 | 12mm |
| 119030016 | 16mm |
| 119030020 | 20mm |
| 119030025 | 25mm |
| 119030030 | 30mm |
| 119030035 | 35mm |
| 119030040 | 40mm |
| 119030045 | 45mm |

Thread Size M3.5 0.6mm Pitch

| Product Code | Length |
|---|---|
| 119035005 | 5mm |
| 119035008 | 8mm |
| 119035010 | 10mm |
| 119035012 | 12mm |
| 119035016 | 16mm |
| 119035020 | 20mm |
| 119035025 | 25mm |
| 119035035 | 35mm |
| 119035042 | 42mm |

Thread Size M4 0.7mm Pitch

| Product Code | Length |
|---|---|
| 119040006 | 6mm |
| 119040008 | 8mm |
| 119040010 | 10mm |
| 119040012 | 12mm |
| 119040016 | 16mm |
| 119040020 | 20mm |
| 119040025 | 25mm |
| 119040030 | 30mm |
| 119040035 | 35mm |
| 119040040 | 40mm |
| 119040050 | 50mm |

Thread Size M5 0.8mm Pitch

| Product Code | Length |
|---|---|
| 119050006 | 6mm |
| 119050008 | 8mm |
| 119050010 | 10mm |
| 119050012 | 12mm |
| 119050016 | 16mm |
| 119050020 | 20mm |
| 119050025 | 25mm |
| 119050030 | 30mm |
| 119050035 | 35mm |
| 119050040 | 40mm |
| 119050050 | 50mm |

Thread Size M6 1.00mm Pitch

| Product Code | Length |
|---|---|
| 119060005 | 5mm |
| 119060008 | 8mm |
| 119060010 | 10mm |
| 119060012 | 12mm |
| 119060016 | 16mm |
| 119060020 | 20mm |
| 119060025 | 25mm |
| 119060030 | 30mm |
| 119060035 | 35mm |
| 119060040 | 40mm |
| 119060045 | 45mm |

Thread Size M8 1.25mm Pitch

| Product Code | Length |
|---|---|
| 119080010 | 10mm |
| 119080016 | 16mm |
| 119080020 | 20mm |
| 119080025 | 25mm |
| 119080030 | 30mm |
| 119080035 | 35mm |
| 119080040 | 40mm |
| 119080050 | 50mm |
| 119080060 | 60mm |
| 119080070 | 70mm |
| 119080080 | 80mm |

Thread Size M10 1.50mm Pitch

| Product Code | Length |
|---|---|
| 119100016 | 16mm |
| 119100020 | 20mm |
| 119100025 | 25mm |
| 119100030 | 30mm |
| 119100035 | 35mm |
| 119100040 | 40mm |
| 119100050 | 50mm |
| 119100060 | 60mm |
| 119100070 | 70mm |

Thread Size M12 1.75mm Pitch

| | |
|---|---|
| 119060050 | 50mm |
| 119060060 | 60mm |
| 119060070 | 70mm |
| 119060080 | 80mm |

| Product Code | Length |
|---|---|
| 119120015 | 15mm |

## Nylon Hexagonal Head Screws

Thread Size M2 0.4mm Pitch

| Product Code | Length |
|---|---|
| 120020004 | 4mm |
| 120020005 | 5mm |
| 120020006 | 6mm |
| 120020008 | 8mm |
| 120020010 | 10mm |
| 120020012 | 12mm |
| 120020016 | 16mm |
| 120020020 | 20mm |
| 120020025 | 25mm |

Thread Size M2.5 0.45mm Pitch

| Product Code | Length |
|---|---|
| 120025004 | 4mm |
| 120025005 | 5mm |
| 120025006 | 6mm |
| 120025008 | 8mm |
| 120025010 | 10mm |
| 120025012 | 12mm |
| 120025016 | 16mm |
| 120025020 | 20mm |
| 120025025 | 25mm |

Thread Size M3 0.5mm Pitch

| Product Code | Length |
|---|---|
| 120030004 | 4mm |
| 120030005 | 5mm |
| 120030006 | 6mm |
| 120030008 | 8mm |
| 120030010 | 10mm |
| 120030012 | 12mm |
| 120030016 | 16mm |
| 120030020 | 20mm |
| 120030025 | 25mm |
| 120030030 | 30mm |
| 120030035 | 35mm |

Thread Size M3.5 0.6mm Pitch

| Product Code | Length |
|---|---|
| 120035005 | 5mm |
| 120035006 | 6mm |
| 120035008 | 8mm |
| 120035010 | 10mm |
| 120035012 | 12mm |
| 120035016 | 16mm |
| 120035020 | 20mm |
| 120035025 | 25mm |
| 120035035 | 35mm |

Thread Size M4 0.7mm Pitch

| Product Code | Length |
|---|---|
| 120040006 | 6mm |
| 120040008 | 8mm |
| 120040010 | 10mm |
| 120040012 | 12mm |
| 120040016 | 16mm |
| 120040020 | 20mm |
| 120040025 | 25mm |
| 120040030 | 30mm |
| 120040035 | 35mm |
| 120040040 | 40mm |

Thread Size M5 0.8mm Pitch

| Product Code | Length |
|---|---|
| 120050006 | 6mm |
| 120050008 | 8mm |
| 120050010 | 10mm |
| 120050012 | 12mm |
| 120050016 | 16mm |
| 120050020 | 20mm |
| 120050025 | 25mm |
| 120050030 | 30mm |
| 120050035 | 35mm |
| 120050040 | 40mm |
| 120050050 | 50mm |

Thread Size M6 1.00mm Pitch

| Product Code | Length |
|---|---|
| 120060005 | 5mm |
| 120060008 | 8mm |
| 120060010 | 10mm |
| 120060012 | 12mm |
| 120060016 | 16mm |
| 120060020 | 20mm |
| 120060025 | 25mm |
| 120060030 | 30mm |
| 120060035 | 35mm |
| 120060040 | 40mm |
| 120060045 | 45mm |
| 120060050 | 50mm |
| 120060060 | 60mm |
| 120060070 | 70mm |
| 120060075 | 75mm |

Thread Size M8 1.25mm Pitch

| Product Code | Length |
|---|---|
| 120080010 | 10mm |
| 120080016 | 16mm |
| 120080020 | 20mm |
| 120080025 | 25mm |
| 120080030 | 30mm |
| 120080035 | 35mm |
| 120080040 | 40mm |
| 120080050 | 50mm |
| 120080060 | 60mm |
| 120080070 | 70mm |
| 120080080 | 80mm |

Thread Size M10 1.50mm Pitch

| Product Code | Length |
|---|---|
| 120100016 | 16mm |
| 120100020 | 20mm |
| 120100025 | 25mm |
| 120100030 | 30mm |
| 120100035 | 35mm |
| 120100040 | 40mm |
| 120100050 | 50mm |
| 120100060 | 60mm |
| 120100065 | 65mm |
| 120100070 | 70mm |
| 120100080 | 80mm |
| 120100100 | 100mm |

| | |
|---|---|
| 120060080 | 80mm |

Thread Size M12 1.75mm Pitch

| Product Code | Length |
|---|---|
| 120120020 | 20mm |
| 120120025 | 25mm |
| 120120030 | 30mm |
| 120120035 | 35mm |
| 120120040 | 40mm |
| 120120050 | 50mm |
| 120120060 | 60mm |
| 120120065 | 65mm |
| 120120070 | 70mm |
| 120120080 | 80mm |
| 120120090 | 90mm |
| 120120100 | 100mm |
| 120120120 | 120mm |
| 120120130 | 130mm |
| 120120160 | 160mm |

Thread Size M16 2.00mm Pitch

| Product Code | Length |
|---|---|
| 120160020 | 20mm |
| 120160025 | 25mm |
| 120160040 | 40mm |
| 120160055 | 55mm |
| 120160060 | 60mm |
| 120160070 | 70mm |
| 120160080 | 80mm |
| 120160090 | 90mm |
| 120160100 | 100mm |
| 120160120 | 120mm |

Thread Size M20 2.5mm Pitch

| Product Code | Length |
|---|---|
| 120200040 | 40mm |
| 120200055 | 55mm |
| 120200060 | 60mm |
| 120200070 | 70mm |
| 120200080 | 80mm |
| 120200090 | 90mm |
| 120200100 | 100mm |

Hexagonal Washer Faced Bolt M20 x 250mm Long Threaded

| Product Code | Length |
|---|---|
| 120200250WF | 90mm |

## Nylon Slotted Flat Countersunk Screws

Thread Size M2 0.4mm Pitch

| Product Code | Length |
|---|---|
| 121020005 | 5mm |
| 121020006 | 6mm |
| 121020008 | 8mm |
| 121020010 | 10mm |
| 121020012 | 12mm |
| 121020016 | 16mm |
| 121020020 | 20mm |
| 121020025 | 25mm |

Thread Size M2.5 0.45mm Pitch

| Product Code | Length |
|---|---|
| 121025004 | 4mm |
| 121025005 | 5mm |
| 121025006 | 6mm |
| 121025008 | 8mm |
| 121025010 | 10mm |
| 121025012 | 12mm |
| 121025016 | 16mm |
| 121025020 | 20mm |
| 121025025 | 25mm |

Thread Size M3 0.5mm Pitch

| Product Code | Length |
|---|---|
| 121030005 | 5mm |
| 121030006 | 6mm |
| 121030008 | 8mm |
| 121030010 | 10mm |
| 121030012 | 12mm |
| 121030016 | 16mm |
| 121030020 | 20mm |
| 121030025 | 25mm |
| 121030030 | 30mm |
| 121030045 | 45mm |
| 121030055 | 55mm |

Thread Size M3.5 0.6mm Pitch

| Product Code | Length |
|---|---|
| 121035005 | 5mm |
| 121035008 | 8mm |
| 121035010 | 10mm |
| 121035012 | 12mm |
| 121035016 | 16mm |
| 121035020 | 20mm |
| 121035025 | 25mm |
| 121035035 | 35mm |

Thread Size M4 0.7mm Pitch

| Product Code | Length |
|---|---|
| 121040006 | 6mm |
| 121040008 | 8mm |
| 121040010 | 10mm |
| 121040012 | 12mm |
| 121040016 | 16mm |
| 121040020 | 20mm |
| 121040025 | 25mm |
| 121040030 | 30mm |
| 121040035 | 35mm |

Thread Size M5 0.8mm Pitch

| Product Code | Length |
|---|---|
| 121050006 | 6mm |
| 121050008 | 8mm |
| 121050010 | 10mm |
| 121050012 | 12mm |
| 121050016 | 16mm |
| 121050020 | 20mm |
| 121050025 | 25mm |
| 121050030 | 30mm |
| 121050040 | 40mm |

Thread Size M6 1.00mm Pitch

| Product Code | Length |
|---|---|
| 121060008 | 8mm |
| 121060010 | 10mm |

Thread Size M8 1.25mm Pitch

| Product Code | Length |
|---|---|
| 121080020 | 20mm |
| 121080025 | 25mm |

Thread Size M10 1.50mm Pitch

| Product Code | Length |
|---|---|
| 121100020 | 20mm |
| 121100025 | 25mm |

| | |
|---|---|
| 121060012 | 12mm |
| 121060016 | 16mm |
| 121060020 | 20mm |
| 121060025 | 25mm |
| 121060030 | 30mm |
| 121060035 | 35mm |
| 121060040 | 40mm |
| 121060045 | 45mm |
| 121060050 | 50mm |
| 121060060 | 60mm |

| | |
|---|---|
| 121080030 | 30mm |
| 121080040 | 40mm |
| 121080050 | 50mm |

Thread Size M12 1.75mm Pitch

| Product Code | Length |
|---|---|
| 121120050 | 50mm |
| 121120095 | 95mm |

Thread Size M16 2.00mm Pitch

| Product Code | Length |
|---|---|
| 121160050 | 50mm |

## Nylon Slotted Panhead Screws

Thread Size M2 0.4mm Pitch

| Product Code | Length |
|---|---|
| 123020005 | 5mm |
| 123020006 | 6mm |
| 123020008 | 8mm |
| 123020010 | 10mm |
| 123020012 | 12mm |
| 123020016 | 16mm |
| 123020020 | 20mm |
| 123020025 | 25mm |

Thread Size M2.5 0.45mm Pitch

| Product Code | Length |
|---|---|
| 123025005 | 5mm |
| 123025006 | 6mm |
| 123025008 | 8mm |
| 123025010 | 10mm |
| 123025012 | 12mm |
| 123025016 | 16mm |
| 123025020 | 20mm |
| 123025025 | 25mm |

Thread Size M3 0.5mm Pitch

| Product Code | Length |
|---|---|
| 123030004 | 4mm |
| 123030005 | 5mm |
| 123030006 | 6mm |
| 123030008 | 8mm |
| 123030010 | 10mm |
| 123030012 | 12mm |
| 123030016 | 16mm |
| 123030020 | 20mm |
| 123030025 | 25mm |
| 123030030 | 30mm |

Thread Size M3.5 0.6mm Pitch

| Product Code | Length |
|---|---|
| 123035006 | 6mm |
| 123035008 | 8mm |
| 123035010 | 10mm |
| 123035012 | 12mm |
| 123035016 | 16mm |
| 123035020 | 20mm |
| 123035025 | 25mm |
| 123035035 | 35mm |

Thread Size M4 0.7mm Pitch

| Product Code | Length |
|---|---|
| 123040006 | 6mm |
| 123040008 | 8mm |
| 123040010 | 10mm |
| 123040012 | 12mm |
| 123040016 | 16mm |
| 123040020 | 20mm |
| 123040025 | 25mm |
| 123040030 | 30mm |
| 123040035 | 35mm |
| 123040040 | 40mm |

Thread Size M5 0.8mm Pitch

| Product Code | Length |
|---|---|
| 123050006 | 6mm |
| 123050008 | 8mm |
| 123050010 | 10mm |
| 123050012 | 12mm |
| 123050016 | 16mm |
| 123050020 | 20mm |
| 123050025 | 25mm |
| 123050030 | 30mm |
| 123050035 | 35mm |
| 123050040 | 40mm |
| 123050050 | 50mm |

Thread Size M6 1.00mm Pitch

| Product Code | Length |
|---|---|
| 123060005 | 5mm |
| 123060008 | 8mm |
| 123060010 | 10mm |
| 123060012 | 12mm |
| 123060016 | 16mm |
| 123060020 | 20mm |
| 123060025 | 25mm |
| 123060030 | 30mm |
| 123060035 | 35mm |

Thread Size M8 1.25mm Pitch

| Product Code | Length |
|---|---|
| 123080010 | 10mm |
| 123080016 | 16mm |
| 123080020 | 20mm |
| 123080025 | 25mm |
| 123080030 | 30mm |
| 123080035 | 35mm |
| 123080040 | 40mm |
| 123080050 | 50mm |
| 123080060 | 60mm |

Thread Size M10 1.50mm Pitch

| Product Code | Length |
|---|---|
| 123100016 | 16mm |
| 123100020 | 20mm |
| 123100025 | 25mm |
| 123100030 | 30mm |
| 123100035 | 35mm |
| 123100040 | 40mm |
| 123100050 | 50mm |
| 123100060 | 60mm |

| | |
|---|---|
| 123060040 | 40mm |
| 123060045 | 45mm |
| 123060050 | 50mm |
| 123060060 | 60mm |
| 123060070 | 70mm |
| 123060075 | 75mm |
| 123060080 | 80mm |
| 123080070 | 70mm |
| 123080080 | 80mm |

## Nylon Special Screws

### Grub Screws

Thread Size M3 0.5mm Pitch

| Product Code | Length |
|---|---|
| 124030008 | 8mm |

Thread Size M4 0.7mm Pitch

| Product Code | Length |
|---|---|
| 124040006 | 6mm |
| 124040008 | 8mm |
| 124040010 | 10mm |
| 124040012 | 12mm |
| 124040016 | 16mm |

Thread Size M5 0.8mm Pitch

| Product Code | Length |
|---|---|
| 124050006 | 6mm |
| 124050008 | 8mm |
| 124050010 | 10mm |
| 124050012 | 12mm |
| 124050016 | 16mm |
| 124050020 | 20mm |

Thread Size M6 1.00mm Pitch

| Product Code | Length |
|---|---|
| 124060005 | 5mm |
| 124060006 | 6mm |
| 124060008 | 8mm |
| 124060012 | 12mm |
| 124060016 | 16mm |
| 124060020 | 20mm |

### Grub Screws

Thread Size M8 1.25mm Pitch

| Product Code | Length |
|---|---|
| 124080010 | 10mm |
| 124080016 | 16mm |
| 124080020 | 20mm |
| 124080025 | 25mm |

Thread Size M10 1.75mm Pitch

| Product Code | Length |
|---|---|
| 124100016 | 16mm |
| 124100019 | 19mm |
| 124100020 | 20mm |
| 124100025 | 25mm |
| 124100030 | 30mm |

Thread Size M12 1.75mm Pitch

| Product Code | Length |
|---|---|
| 124120015 | 15mm |
| 124120020 | 20mm |

Thread Size M16 2.00mm Pitch

| Product Code | Length |
|---|---|
| 124160020 | 20mm |

### Thumb Screws

Thread Size M3 0.5mm Pitch

| Product Code | Length |
|---|---|
| 125030012 | 12mm |
| 125030016 | 16mm |
| 125030020 | 20mm |

Thread Size M4 0.7mm Pitch

| Product Code | Length |
|---|---|
| 125040008 | 8mm |
| 125040010 | 10mm |
| 125040025 | 25mm |

Thread Size M5 0.8mm Pitch

| Product Code | Length |
|---|---|
| 125050016 | 16mm |

Thread Size M6 1.00mm Pitch

| Product Code | Length |
|---|---|
| 125060020 | 20mm |
| 125060035 | 35mm |

### Roundhead Screws

Thread Size M6

| Product Code | Length |
|---|---|
| 126060020 | 20mm |

### Socket Caphead Screws

Thread Size M6 1.00mm Pitch

| Product Code | Length |
|---|---|
| 128060016 | 16mm |
| 128060030 | 30mm |

Thread Size M8 1.25mm Pitch

| Product Code | Length |
|---|---|

### Mushroom Head Screws

Thread Size M5 0.8mm Pitch

| Product Code | Length |
|---|---|
| 127050005 | 5mm |
| 127050016 | 16mm |
| 127050020 | 20mm |

Thread Size M6 1.00mm Pitch

| | |
|---|---|
| 128080020 | 20mm |

Thread Size M12 1.75mm Pitch

| Product Code | Length |
|---|---|
| 128120060 | 60mm |

| Product Code | Length |
|---|---|
| 127060010 | 10mm |
| 127060012 | 12mm |
| 127060016 | 16mm |
| 127060020 | 20mm |
| 127060025 | 25mm |
| 127060030 | 30mm |
| 127060040 | 40mm |
| 127060080 | 80mm |

## Ancillary Parts & BA Thread Forms

Ratchet Rivet
Panel Thickness 8-12

| Product Code | Description |
|---|---|
| 1580002 | 7mm |

Canoe Clips

| | |
|---|---|
| 1420000BLK | 1420000WHT |

Serrated Fasteners

| | |
|---|---|
| 1410000BLK | 1410000WHT |
| 1410001BLK | 1410001WHT |

Push In
Available in many sizes

Nylon 6.6 Combined Nut/Washers

| Product Code | Thread Size |
|---|---|
| 31380060 | 6BA |
| 1380040 | 4BA |
| 1380020 | 2BA |
| 1380000 | 0BA |

Nylon 6.6 Washers

| Product Code | Thread Size |
|---|---|
| 1390080 | 8BA |
| 1390060 | 6BA |
| 1390040 | 4BA |
| 1390020 | 2BA |
| 1390000 | 0BA |

Panel Screws

| Product Code | Size |
|---|---|
| 11710 | M10 |
| 11712 | M12 |
| 11716 | M16 |

**Any Length Available**

Nylon 6.6 Number Plate Screws
Thread Size M6 1.0mm Pitch

| Product Code | Length |
|---|---|
| 118060020BLK | 20mm |
| 118060020WHT | 20mm |
| 118060020YEL | 20mm |
| 118060025BLK | 25mm |
| 118060025WHT | 25mm |
| 118060026YEL | 26mm |

**Sold in sets of screws with combined nut/washers.**

H.D.P.E. Number Plate Screw Covers

| | | |
|---|---|---|
| 1180000BLK | 1180000WHT | |
| 1180000YEL | | |

Nylon Slotted Cheesehead Screws

| Product Code | Length |
|---|---|
| Thread Size 8BA | |
| 1370800250 | 1/4 |
| 1370800375 | 3/8 |
| 1370800500 | 1/2 |
| 1370800625 | 5/8 |
| 1370800750 | 3/4 |
| 1370801000 | 1 |
| 1370801125 | 1 1/8 |
| Thread Size 6BA | |
| 1370600250 | 1/4 |
| 1370600375 | 3/8 |
| 1370600500 | 1/2 |
| 1370600750 | 3/4 |
| 1370601000 | 1 |

Polythene Hygiene Nut Covers
To suit M10, M12,M16

Cable Ties & Mounts
Cradle Mounts available in 19mm & 26mm sq
Ties available from:
2.5 up to 200LG
3.6 up to 370LG
4.8 up to 430LG

Nylon 6.6 two-part Anchor Rivets

| Size | Product Code |
|---|---|
| 1/4 x 3/4' long | 10925075 |

Binder Post and Cap
Available in many sizes

Nylon Slotted Cheesehead Screws

| Product Code | Length |
|---|---|
| Thread Size 4BA | |
| 1370400250 | 1/4 |
| 1370400375 | 3/8 |
| 1370400500 | 1/2 |
| 1370400750 | 3/4 |
| 1370401000 | 1 |
| Thread Size 2BA | |
| 1370200375 | 3/8 |
| 1370200500 | 1/2 |
| 1370200750 | 3/4 |
| 1370201000 | 1 |
| 1370201250 | 1 1/4 |
| Thread Size 0BA | |
| 1370000500 | 1/2 |
| 1370000750 | 3/4 |
| 1370001000 | 1 |
| 1370001250 | 1 1/4 |

| Combined Nut/Washer | | | | | |
|---|---|---|---|---|---|
| Product Code | Thread Size | Pitch | Thickness | Washer Diameter | Across Flats |
| 1140100 | M10 | 1.50 | 9.5 | 22.0 | 17.0 |
| 1140120 | M12 | 1.75 | 14.5 | 27.0 | 19.0 |
| 1140160 | M16 | 2.00 | 19.5 | 39.0 | 24.0 |

| Nylon 6.6 Load Bearing Washers | | | | |
|---|---|---|---|---|
| Size | Inside Diameter | Outside Diameter | Thickness | Product Code |
| M10 | 10.5 | 50.0 | 3.0 | 1660100 |
| M12 | 13.0 | 50.0 | 3.0 | 1660120 |
| M16 | 17.0 | 80.0 | 3.0 | 1660160 |