

## Latest Products from...

### Machine Screws

**DURATOOL**



See page 1645

### Multi-Purpose Screw Kit

**Screw-Tite**



See page 1661

### Hexagonal Threaded Spacers

**HARWIN**



See page 1676

### PCB Spacers

**Richco**



See page 1672

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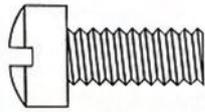
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## Screw Selection Guide

496706

## Screw Selection Guide

## Screws



Machine



Socket Cap



Socket Set



Self Tapping

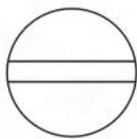
**Machine Screw**:- a straight shank part with an entirely threaded shaft designed to bind metal to metal using a nut or a tapped hole.

**Socket Cap Screw**:- a hexagonally headed, externally threaded screw which is designed to be inserted through an internally tapped hole and then mated with a nut. The hex socket in the screw head accepts a hex wrench which gives the socket screw more torque when tightened. The point at the threaded end of the screw is machined flat so it will fit into a drilled hole.

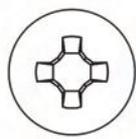
**Socket Set Screw**:- a headless screw that is threaded over its entire length. A hex or a square-shaped socket at the top of the drive in place of a head allows the screw to go in flush. Socket set screws are often used in electronic equipment, pulleys, shafts, or any other application where flush mounting and space are an important concern. They can also be used for internal wrenching and on equipment where frequent disassembly or adjustment occurs.

**Self Tapping Screw**:- has the ability to create its own thread whilst it is being driven into preformed holes in sheet metal, wood or plastic. The self tapping screw is a strong fastener with a high resistance to loosening in service due to its ability to create a good thread fit.

## Drives



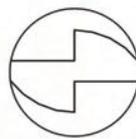
Slotted



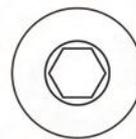
Cross



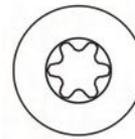
Pozidriv™



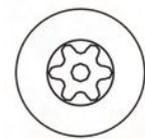
Clutch



Hex



TORX™



Tamper-proof TORX™

There are a number of different varieties of drives on a screw head. The screw drive is the indentation / socket on the screw head that connects to a screw driver or power tool bit when a screw is driven.

**Slotted**:- a slotted head is driven by a flat bladed screwdriver.

**Cross**:- a cross head is driven by a cross headed screwdriver. The cross head allows the screwdriver to slip out (cam out) under strain to avoid over tightening.

**Pozidriv™**:- this is similar to the cross head but with more resistance against the driver slipping out.

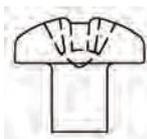
**Clutch**:- allows a driver to mesh into the head so the screw can be rotated. In a pinch, a clutch head screw can be driven by a slotted screwdriver. It is much easier and faster to install / remove them with a power driver than it would be if they used regular bolts.

**Hex / Hexagonal**:- a screw head that has a hexagonal hole to be driven by a hexagonal wrench (Allen key) or a power tool with a hexagonal bit.

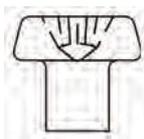
**TORX™**:- the TORX head screws resist cam-out better than slot head or Pozidriv screws. Where the slot and Pozidriv heads were designed to cause the driver to cam out to prevent over-tightening, TORX heads are designed to prevent it. Rather than relying on the tool slipping out of the screw head when a torque level is reached, and thereby risking damage to the driver tip, screw head and workpiece, the TORX drivers were designed to consistently achieve a desired torque.

**Tamper-proof TORX™**:- this head has a higher security than standard TORX heads as the drive socket has a projection to prevent a standard TORX driver being inserted.

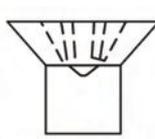
## Heads



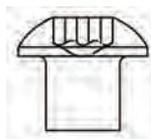
Pan



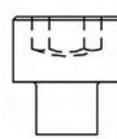
Cheese



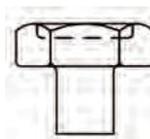
Countersunk



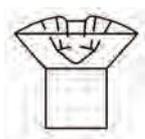
Button / Dome



Socket



Hex



Oval

There are many different head shapes on screws for various applications.

**Pan Head**:- a pan head screw has a low disc with a chamfered outer edge which protrudes above the surface of the material to be fastened.

**Cheese Head**:- a head with a cylindrical shape and flat top that holds the screw to the surface of an object.

**Countersunk Head**:- a conical shaped head with a flat outer face and tapering inner face allowing it to sink into a material for a smooth surface area.

**Button / Dome Head**:- a head with a flat inner face and hemispherical outer face. The button head is designed and recommended for applications where a lower head profile than that of the normal socket head cap screw is required to prevent interference.

**Socket Head**:- a cylindrical screw head containing a geometric recess (socket) into which a special wrench must be inserted for driving and turning.

**Hex Head**:- a protruding hexagonal shaped head which is designed to be driven by a spanner or wrench.

**Oval Head**:- this is a countersunk head with a rounded top.

## Materials

There are a number of different materials used to manufacture screws such as brass, nylon, steel and stainless steel. This section will help you determine which screw material is right for your application.

**Steel - Bright Zinc Plated**:- The BZP screws have a low resistance to corrosion so they should be kept away from contact with water and other weather conditions. This material is best kept indoors.

**Nylon 6.6**:- Nylon 6.6 has a short term working temperature of -40 to 100 [DegreeC] and offers a good resistance to most solvents, aromatic hydrocarbons, dilute alkalis, detergents, oils, greases, and fats. It also offers a limited resistance to dilute acids. Nylon screws can be threaded and used for fastening requiring moderate strength, great resistance to corrosion, or for the purpose of electrical insulation.

**Brass:** Brass is an alloy of copper with a good resistance to corrosion. Brass is a soft metal so the brass screws have a lower tensile strength than the stainless steel screws. Once common for marine use brass is now used mostly in decorative applications.

**A2 Stainless Steel:** The A2 screws are manufactured from grade 304 steel which offers good tensile strength and an excellent resistance to atmospheric corrosion, except in severe industrial and marine environments. A2 stainless steel also offers excellent resistance to nitric acid and other oxidising chemicals.

**A4 Stainless Steel:** The A4 screws are manufactured from a higher grade of steel (grade 316) which gives the A4 screws a higher corrosion resistance than the A2 screw in many chemical environments, including contact with dilute sulphuric acid and acetic acid. The A4 screw is also very effective in marine applications where components are continually subjected to salt water. This higher grade classification also gives the screws a high-tensile-strength critical for applications where low-grade bolts may fail, resulting in damage or injury.

## Machine Screws - Steel

### Cross Recessed Pan Head Machine Screws

Bright Zinc Plated



Din 7985 grade 4.8 mild steel machine screws. Cross-recessed drive with a pan head, fully threaded. Bright Zinc plated.

481199

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2 X 6mm	100	142-0386	2.05	1.99	1.93	1.88
M2 X 12mm	100	142-0387	2.18	2.12	2.06	2.00
M2.5 X 6mm	100	142-0388	1.49	1.45	1.41	1.37
M2.5 X 12mm	100	142-0389	1.51	1.47	1.42	1.38
M3 X 6mm	100	141-9986	1.31	1.26	1.22	1.18
M3 X 8mm	100	141-9987	1.46	1.42	1.38	1.34
M3 X 10mm	100	142-0390	1.18	1.15	1.11	1.08
M3 X 12mm	100	142-0391	1.20	1.17	1.13	1.10
M3 X 16mm	100	142-0393	1.36	1.32	1.27	1.23
M3 X 20mm	100	141-9988	1.61	1.56	1.52	1.47
M3 X 25mm	100	141-9989	1.69	1.64	1.59	1.55
M3 X 30mm	100	141-9990	1.88	1.83	1.75	1.70
M4 X 6mm	100	141-9991	1.71	1.66	1.61	1.57
M4 X 8mm	100	141-9992	1.77	1.71	1.66	1.61
M4 X 10mm	100	141-9993	1.88	1.83	1.75	1.70
M4 X 12mm	100	141-9994	1.90	1.85	1.78	1.72
M4 X 16mm	100	141-9995	1.98	1.92	1.87	1.81
M4 X 20mm	100	141-9996	2.03	1.97	1.91	1.86
M4 X 30mm	100	141-9998	2.23	2.17	2.10	2.04
M4 X 40mm	100	141-9999	2.75	2.67	2.59	2.52
M5 X 10mm	100	142-0000	2.40	2.33	2.24	2.18
M5 X 12mm	100	142-0001	2.46	2.39	2.31	2.23
M5 X 16mm	100	142-0002	2.60	2.53	2.45	2.38
M5 X 20mm	100	142-0003	2.61	2.53	2.46	2.39
M5 X 25mm	100	142-0004	2.65	2.57	2.50	2.43
M5 X 40mm	100	142-0005	3.69	3.58	3.48	3.38
M6 X 10mm	100	142-0006	4.03	3.91	3.78	3.67
M6 X 12mm	100	142-0009	4.15	4.03	3.91	3.78
M6 X 16mm	100	142-0011	4.28	4.16	4.04	3.92
M6 X 20mm	100	142-0012	4.43	4.28	4.16	4.04
M6 X 25mm	100	142-0013	4.57	4.44	4.29	4.17
M6 X 40mm	100	142-0014	5.17	5.02	4.87	4.72

### Cross Recessed Countersunk Steel Machine Screws

Bright Zinc Plated



Din 7963 Grade 4.8 mild steel machine screws. Cross-recessed drive with a countersunk head, fully threaded. Bright Zinc plated.

481167

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 6mm	100	142-0397	2.07	2.01	1.95	1.90
M3 X 10mm	100	142-0398	2.13	2.07	2.01	1.95
M3 X 12mm	100	142-0399	1.27	1.22	1.19	1.15
M3 X 16mm	100	142-0400	2.31	2.23	2.17	2.11
M3 X 20mm	100	142-0401	1.68	1.63	1.58	1.54
M4 X 10mm	100	142-0402	2.19	2.13	2.07	2.01
M4 X 12mm	100	142-0403	1.69	1.64	1.59	1.55
M4 X 16mm	100	142-0404	1.88	1.83	1.75	1.70
M4 X 20mm	100	142-0405	1.94	1.88	1.83	1.77
M4 X 25mm	100	142-0406	2.22	2.16	2.09	2.03
M5 X 12mm	100	142-0407	2.24	2.18	2.11	2.05
M5 X 16mm	100	142-0408	2.40	2.33	2.24	2.18
M5 X 20mm	100	142-0411	2.50	2.43	2.36	2.28
M5 X 25mm	100	142-0412	2.60	2.53	2.45	2.38
M5 X 30mm	100	142-0413	3.00	2.91	2.82	2.73
M5 X 40mm	100	142-0414	5.31	5.16	5.01	4.85
M6 X 12mm	100	142-0415	3.10	3.01	2.92	2.83
M6 X 16mm	100	142-0416	2.73	2.65	2.57	2.50
M6 X 20mm	100	142-0417	3.33	3.22	3.13	3.04
M6 X 25mm	100	142-0418	3.56	3.46	3.35	3.24
M6 X 40mm	100	142-0419	4.85	4.70	4.56	4.43
M6 X 50mm	100	142-0420	5.07	4.91	4.76	4.62

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### Recessed Countersunk Head Bright Zinc Plated

**DURATOOL**



Mild steel recessed countersunk tribular threadforming screws. Bright Zinc plated and lanolin dipped for ease of application.

481172

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 6mm	100	142-0541	2.35	2.26	2.20	2.13
M3 X 8mm	100	142-0542	2.42	2.35	2.26	2.20
M3 X 10mm	100	142-0543	2.55	2.48	2.41	2.34
M4 X 8mm	100	142-0544	2.92	2.83	2.73	2.66
M4 X 10mm	100	142-0545	3.03	2.94	2.86	2.76
M4 X 12mm	100	142-0546	3.11	3.02	2.93	2.85

### Cross Recessed Pan Head Machine Screws Chemically blacked

**DURATOOL**



Din 7985 grade 4.8 mild steel machine screws. Cross-recessed drive with a pan head, fully threaded. Chemically blacked finish.

481208

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 6mm	100	142-0015	2.35	2.26	2.20	2.13
M3 X 10mm	100	142-0016	2.40	2.33	2.24	2.18
M3 X 12mm	100	142-0017	2.55	2.48	2.41	2.34
M4 X 6mm	100	142-0019	2.70	2.62	2.55	2.47
M4 X 10mm	100	142-0020	2.97	2.88	2.79	2.70
M4 X 12mm	100	142-0022	3.10	3.01	2.92	2.83
M5 X 12mm	100	142-0023	4.14	4.02	3.90	3.77
M5 X 16mm	100	142-0024	4.43	4.28	4.16	4.04
M6 X 12mm	100	142-0025	5.05	4.89	4.74	4.61
M6 X 16mm	100	142-0026	5.80	5.63	5.47	5.29
M6 X 20mm	100	142-0027	6.19	6.01	5.82	5.65

Turn to page 1617 for Screwlockers

### Slotted Pan Head Steel Machine Screws

Bright Zinc Plated

**DURATOOL**



Din 85 Grade 4.8 mild steel machine screws. Slotted drive with a pan head, fully threaded. Bright Zinc plated.

481308

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2 X 12mm	100	141-9287	2.15	2.09	2.03	1.97
M2.5 X 6mm	100	141-9288	1.96	1.90	1.85	1.79
M2.5 X 12mm	100	141-9289	1.97	1.91	1.86	1.79
M2.5 X 20mm	100	141-9290	2.52	2.45	2.38	2.30
M3 X 6mm	100	141-9291	1.36	1.32	1.27	1.23
M3 X 10mm	100	141-9292	1.36	1.32	1.27	1.23
M3 X 12mm	100	141-9293	1.39	1.35	1.31	1.26
M3 X 16mm	100	141-9294	1.49	1.45	1.41	1.37
M3 X 20mm	100	141-9295	1.44	1.40	1.36	1.32
M3 X 25mm	100	141-9296	2.43	2.36	2.28	2.21
M4 X 6mm	100	141-9297	2.03	1.97	1.91	1.86
M4 X 10mm	100	141-9299	1.69	1.64	1.59	1.55
M4 X 12mm	100	141-9300	1.79	1.73	1.68	1.63
M4 X 16mm	100	141-9301	1.81	1.74	1.69	1.64
M4 X 20mm	100	141-9302	1.96	1.90	1.85	1.79
M4 X 25mm	100	141-9303	2.82	2.73	2.65	2.57
M4 X 30mm	100	141-9305	3.02	2.93	2.85	2.75
M4 X 40mm	100	141-9306	4.21	4.09	3.97	3.85
M4 X 50mm	100	141-9307	4.46	4.32	4.19	4.07

Machine Screws - Steel - continued

Slotted Pan Head Steel Machine Screws - continued

Bright Zinc Plated - continued

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M5 X 8mm	100	141-9308	2.89	2.80	2.71	2.63
M5 X 10mm	100	141-9309	2.36	2.28	2.21	2.14
M5 X 12mm	100	141-9310	2.40	2.33	2.24	2.18
M5 X 16mm	100	141-9311	2.60	2.53	2.45	2.38
M5 X 20mm	100	141-9312	2.90	2.81	2.72	2.64
M5 X 25mm	100	141-9313	3.09	3.00	2.91	2.82
M5 X 40mm	100	141-9314	5.10	4.95	4.79	4.65
M5 X 50mm	100	141-9315	5.54	5.37	5.21	5.06
M6 X 10mm	100	141-9317	3.96	3.84	3.72	3.61
M6 X 12mm	100	141-9318	4.02	3.90	3.77	3.66
M6 X 16mm	100	141-9319	4.19	4.07	3.95	3.83
M6 X 20mm	100	141-9320	4.66	4.53	4.39	4.25
M6 X 25mm	100	141-9321	5.01	4.86	4.71	4.57
M6 X 40mm	100	141-9322	6.40	6.21	6.03	5.83
M6 X 50mm	100	141-9323	6.96	6.75	6.55	6.36

Pan Head, Slotted

Black Zinc Passivated



- Manufactured in accordance with BS4183
- Suitable for use in areas requiring low light reflection or for cosmetic effect



213928

100 Per Box

Length (mm)	Order Code	Price Per Box			
		1+	5+	25+	50+
M3	753-191	2.29	2.07	1.93	1.79
M3	753-208	1.78	1.61	1.50	1.39
M3	753-210	1.95	1.74	1.64	1.51
M4	753-233	1.83	1.72	1.62	1.54
M4	753-245	1.86	1.68	1.57	1.46
M6	753-282	2.81	2.63	2.47	2.33
M6	753-294	4.90	4.42	4.14	3.84
M6	753-300	4.16	3.74	3.49	3.27

41

Sems, Pan Head Pozidriv™

Bright Zinc Plated



- Pozidriv™ pan head machine screw with a captive washer
- Available with external shakeproof, single coil spring or flat washer
- Provides quicker and easier installation
- Ensures that screw and washer always match.
- Manufactured to BS4183



213924

100 Per Box

External Shakeproof	Length (mm)	Order Code	Price Per Box	
			1+	5+
M3	6	758-530	4.01	
	12	758-541	2.78	
M4	6	758-553	3.55	
	12	758-565	3.14	
	16	758-577	3.19	
Coil Spring	M3	6	758-607	2.37
		12	758-619	2.70
M4	6	758-620	2.58	
	12	758-632	2.88	
Flat	M3	6	758-668	2.92
		12	758-670	1.78
M4	6	758-681	2.87	
	12	758-693	3.44	

Slotted Countersunk Steel Machine Screws

Bright Zinc Plated



Din 963 Grade 4.8 mild steel machine screws. Slotted drive with a countersunk head, fully threaded. Bright Zinc plated.

481292



Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2.5 X 6mm	100	141-9368	2.08	2.02	1.96	1.91
M2.5 X 10mm	100	141-9369	1.88	1.83	1.75	1.70
M2.5 X 12mm	100	141-9370	2.50	2.43	2.36	2.28
M2.5 X 20mm	100	141-9371	2.13	2.07	2.01	1.95
M3 X 6mm	100	141-9372	1.56	1.52	1.47	1.43
M3 X 10mm	100	141-9373	1.24	1.20	1.17	1.14
M3 X 12mm	100	141-9374	1.32	1.27	1.23	1.19
M3 X 16mm	100	141-9375	1.36	1.32	1.27	1.23
M3 X 20mm	100	141-9378	1.73	1.68	1.63	1.58
M3 X 25mm	100	141-9379	1.56	1.52	1.47	1.43
M3.5 X 6mm	100	141-9380	1.77	1.71	1.66	1.61
M3.5 X 10mm	100	141-9381	1.88	1.83	1.75	1.70
M3.5 X 12mm	100	141-9382	1.46	1.42	1.38	1.34
M3.5 X 16mm	100	141-9383	1.51	1.47	1.42	1.38
M3.5 X 20mm	100	141-9384	1.88	1.83	1.75	1.70
M3.5 X 25mm	100	141-9385	1.36	1.32	1.27	1.23
M4 X 6mm	100	141-9386	1.66	1.61	1.57	1.52
M4 X 8mm	100	141-9387	3.54	3.44	3.33	3.22
M4 X 10mm	100	141-9388	0.94	0.91	0.89	0.86
M4 X 12mm	100	141-9391	1.66	1.61	1.57	1.52
M4 X 16mm	100	141-9392	1.96	1.90	1.85	1.79
M4 X 20mm	100	141-9393	2.03	1.97	1.91	1.86
M4 X 25mm	100	141-9394	2.53	2.46	2.39	2.31
M4 X 30mm	100	141-9395	1.46	1.42	1.38	1.34
M4 X 40mm	100	141-9396	1.56	1.52	1.47	1.43
M5 X 10mm	100	141-9397	1.36	1.32	1.27	1.23
M5 X 12mm	100	141-9398	2.39	2.31	2.23	2.17
M5 X 20mm	100	141-9399	2.97	2.88	2.79	2.70
M5 X 25mm	100	141-9400	3.02	2.93	2.85	2.75
M5 X 40mm	100	141-9401	2.60	2.53	2.45	2.38
M6 X 10mm	100	141-9402	4.06	3.94	3.82	3.70
M6 X 12mm	100	141-9403	3.84	3.72	3.61	3.51

Slotted Cheese Head Steel Machine Screws

Bright Zinc Plated



Din 84 Grade 4.8 mild steel machine screws. Slotted drive with a cheese head, fully threaded. Bright Zinc plated.

481265



Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2 X 6mm	100	141-9409	2.18	2.12	2.06	2.00
M2 X 12mm	100	141-9410	2.29	2.21	2.15	2.09
M2.5 X 6mm	100	141-9411	1.39	1.35	1.31	1.26
M2.5 X 10mm	100	141-9782	1.45	1.41	1.37	1.33
M2.5 X 12mm	100	141-9783	1.49	1.45	1.41	1.37
M2.5 X 20mm	100	141-9784	1.27	1.24	1.19	1.16
M3 X 6mm	100	141-9785	1.36	1.32	1.27	1.23
M3 X 8mm	100	141-9786	1.36	1.32	1.27	1.23
M3 X 10mm	100	141-9787	1.45	1.41	1.37	1.33
M3 X 12mm	100	141-9788	1.49	1.45	1.41	1.37
M3 X 16mm	100	141-9789	1.59	1.54	1.50	1.46
M3 X 20mm	100	141-9790	1.69	1.64	1.59	1.55
M3 X 25mm	100	141-9792	1.86	1.81	1.73	1.68
M4 X 6mm	100	141-9793	1.59	1.54	1.50	1.46
M4 X 8mm	100	141-9794	1.59	1.54	1.50	1.46
M4 X 10mm	100	141-9795	1.59	1.54	1.50	1.46
M4 X 12mm	100	141-9796	1.81	1.74	1.69	1.64
M4 X 16mm	100	141-9797	1.96	1.90	1.85	1.79
M4 X 20mm	100	141-9798	2.05	1.99	1.93	1.88
M4 X 25mm	100	141-9799	1.99	1.93	1.88	1.82
M4 X 30mm	100	141-9800	2.29	2.21	2.15	2.09
M5 X 6mm	100	141-9801	2.40	2.33	2.24	2.18
M5 X 10mm	100	141-9802	1.99	1.94	1.88	1.82
M5 X 12mm	100	141-9803	2.56	2.49	2.41	2.35
M5 X 16mm	100	141-9804	2.80	2.71	2.63	2.56
M5 X 20mm	100	141-9805	2.60	2.53	2.45	2.38
M5 X 25mm	100	141-9806	2.39	2.32	2.25	2.18
M6 X 16mm	100	141-9807	3.15	3.06	2.97	2.89
M6 X 30mm	100	141-9809	3.75	3.64	3.54	3.43
M6 X 40mm	100	141-9811	6.87	6.66	6.46	6.26

Pan Head, TORX™

Bright Zinc Plated And Clear Passivated



- Manufactured to BS4183 and BS3643
- Design enables high torque transfer from tool to screw
- Driving blade is very unlikely to slip out of the recess.

496072

100 Per Box	Length (mm)	Driver Size	Order Code	Price Per Box
				1+
M3	6	Torx	250-107	1.88
M3	12	Torx	250-119	1.89
M3	20	Torx	250-120	2.06
M3	6	Torx	250-156	2.17
M4	12	Torx	250-168	2.44
M4	20	Torx	250-170	2.85
M5	12	Torx	250-181	3.56
M5	20	Torx	250-193	4.07

Over 480,000 products online



## Machine Screws - Stainless Steel

### Cross Recessed Pan Head Machine Screws

A2 Stainless Steel



Din 7985 grade A2 (18/8) Stainless Steel machine screws. Cross-recessed drive with a pan head, fully threaded. Corrosion resistant under normal atmospheric conditions.

481203

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2 X 6mm	100	142-0028	3.76	3.65	3.55	3.44
M2 X 12mm	100	142-0029	4.14	4.02	3.90	3.77
M2.5 X 6mm	100	142-0030	4.27	4.15	4.03	3.91
M2.5 X 12mm	100	142-0031	4.77	4.63	4.50	4.36
M3 X 6mm	100	142-0032	4.14	4.02	3.90	3.77
M3 X 10mm	100	142-0034	4.48	4.34	4.21	4.08
M3 X 12mm	100	142-0035	4.62	4.49	4.35	4.21
M3 X 16mm	100	142-0036	4.77	4.63	4.50	4.36
M3 X 20mm	100	142-0037	4.95	4.79	4.65	4.52
M4 X 6mm	100	142-0038	6.22	6.04	5.86	5.68
M4 X 10mm	100	142-0039	6.51	6.30	6.12	5.93
M4 X 12mm	100	142-0040	6.64	6.44	6.24	6.06
M4 X 16mm	100	142-0041	6.84	6.64	6.44	6.25
M4 X 20mm	100	142-0042	7.03	6.81	6.61	6.41
M4 X 25mm	100	142-0043	7.13	6.91	6.71	6.51
M5 X 12mm	100	142-0044	9.80	9.51	9.22	8.95
M5 X 16mm	100	142-0046	9.94	9.64	9.35	9.07
M5 X 20mm	100	142-0047	10.15	9.84	9.54	9.26
M5 X 25mm	100	142-0048	10.35	10.04	9.74	9.45
M6 X 12mm	100	142-0049	14.41	13.97	13.56	13.15
M6 X 16mm	100	142-0050	14.83	14.38	13.95	13.54
M6 X 20mm	100	142-0051	15.61	15.14	14.68	14.24
M6 X 25mm	100	142-0052	16.31	15.82	15.35	14.89

### Slotted Pan Head Steel Machine Screws

A2 Stainless Steel



Din 85 Grade A2 (18/8) Stainless Steel machine screws. Slotted drive with a pan head, fully threaded. Corrosion resistant under normal atmospheric conditions.

481278

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2 X 6mm	100	141-9763	3.94	3.82	3.70	3.59
M2 X 12mm	100	141-9764	4.85	4.70	4.56	4.43
M2.5 X 6mm	100	141-9765	4.55	4.42	4.27	4.15
M2.5 X 12mm	100	141-9767	5.36	5.20	5.05	4.89
M2.5 X 16mm	100	141-9768	5.59	5.42	5.25	5.10
M3 X 6mm	100	141-9345	3.87	3.75	3.64	3.54
M3 X 8mm	100	141-9346	2.81	2.72	2.64	2.56
M3 X 10mm	100	141-9769	4.77	4.63	4.50	4.36
M3 X 12mm	100	141-9770	4.30	4.18	4.06	3.94
M3 X 16mm	100	141-9771	4.72	4.58	4.45	4.30
M3 X 20mm	100	141-9772	6.32	6.14	5.95	5.77
M3 X 25mm	100	141-9347	6.44	6.24	6.06	5.88
M3 X 30mm	100	141-9348	6.67	6.47	6.27	6.09
M4 X 6mm	100	141-9349	6.44	6.24	6.06	5.88
M4 X 10mm	100	141-9350	7.06	6.84	6.64	6.44
M4 X 12mm	100	141-9351	7.92	7.68	7.45	7.23
M4 X 16mm	100	141-9352	7.98	7.74	7.51	7.28
M4 X 20mm	100	141-9354	9.19	8.92	8.65	8.38
M4 X 25mm	100	141-9355	9.68	9.38	9.11	8.83
M4 X 30mm	100	141-9356	9.75	9.46	9.18	8.89
M4 X 40mm	100	141-9357	10.44	10.13	9.82	9.52
M4 X 50mm	100	141-9358	9.87	9.58	9.29	9.01
M5 X 12mm	100	141-9359	9.89	9.59	9.31	9.03
M5 X 16mm	100	141-9360	11.56	11.22	10.87	10.55
M5 X 20mm	100	141-9361	14.37	13.94	13.52	13.11
M5 X 30mm	50	141-9362	7.35	7.14	6.92	6.71
M5 X 50mm	50	141-9363	8.21	7.96	7.72	7.49
M6 X 12mm	100	141-9364	14.98	14.54	14.10	13.67
M6 X 16mm	100	141-9366	15.82	15.35	14.89	14.44
M6 X 25mm	100	141-9367	18.91	18.34	17.80	17.26

### Cross Recessed Countersunk Steel Machine Screws

A2 Stainless Steel



Din 7963 Grade A2 (18/8) Stainless Steel machine screws. Cross-recessed drive with a countersunk head, fully threaded. Corrosion resistant under normal atmospheric conditions.

481170

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 6mm	100	142-0421	3.10	3.01	2.92	2.83
M3 X 12mm	100	142-0423	3.48	3.38	3.26	3.17
M3 X 20mm	100	142-0424	3.76	3.65	3.55	3.44
M4 X 12mm	100	142-0425	4.95	4.79	4.65	4.52
M4 X 16mm	100	142-0426	6.03	5.85	5.67	5.50
M4 X 20mm	100	142-0427	6.43	6.23	6.05	5.87
M5 X 12mm	100	142-0428	7.40	7.18	6.96	6.75
M5 X 16mm	100	142-0429	7.86	7.63	7.40	7.18
M5 X 20mm	100	142-0430	9.13	8.85	8.59	8.32

### Slotted Countersunk Steel Machine Screws

A2 Stainless Steel



Din 963 Grade A2 (18/8) Stainless Steel machine screws. Slotted drive with a countersunk head, fully threaded. Corrosion resistant under normal atmospheric conditions.

481271

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 6mm	100	141-9773	3.58	3.48	3.38	3.26
M3 X 12mm	100	141-9774	3.15	3.06	2.97	2.89
M3 X 20mm	100	141-9775	4.05	3.93	3.81	3.69
M4 X 12mm	100	141-9776	5.87	5.69	5.53	5.36
M4 X 20mm	100	141-9777	7.46	7.23	7.03	6.80
M5 X 12mm	100	141-9779	8.37	8.13	7.87	7.65
M6 X 25mm	100	141-9781	13.66	13.26	12.85	12.46

## Machine Screws - Brass

### Slotted Raised Countersunk Machine Screws

Brass Nickel Plated



Din 964 Brass machine screws. Slotted drive with a raised countersunk head, fully threaded. Nickel plated finish.

481272

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3.5 X 12mm	100	142-0053	7.86	7.63	7.40	7.18
M3.5 X 16mm	100	142-0054	8.84	8.59	8.32	8.08
M3.5 X 20mm	100	142-0055	4.35	4.21	4.09	3.97
M3.5 X 25mm	100	142-0056	3.70	3.59	3.49	3.39
M3.5 X 30mm	100	142-0058	5.41	5.24	5.09	4.95
M3.5 X 35mm	100	142-0059	4.08	3.96	3.84	3.72
M3.5 X 40mm	100	142-0061	5.74	5.57	5.40	5.24
M3.5 X 50mm	100	142-0062	26.89	26.07	25.30	24.53
M3.5 X 60mm	100	142-0063	29.83	28.94	28.07	27.22

### Slotted Countersunk Machine Screws

Brass



Din 963 Brass machine screws. Slotted drive with a countersunk head, fully threaded.

481285

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2.5 X 6mm	100	141-9404	3.54	3.44	3.33	3.22
M3 X 6mm	100	141-9405	1.98	1.92	1.87	1.81
M4 X 12mm	100	141-9406	6.34	6.16	5.98	5.79
M4 X 16mm	100	141-9408	3.26	3.17	3.07	2.99

### Slotted Pan Head Steel Machine Screws

Brass Nickel Plated



Din 85 Brass machine screws. Slotted drive with a pan head, fully threaded. Nickel plated finish.

**Machine Screws - Brass - continued**

**Slotted Pan Head Steel Machine Screws - continued**

Brass Nickel Plated - continued

481301

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 10mm	100	141-9324	10.40	10.09	9.79	9.50
M3 X 12mm	100	141-9325	10.54	10.23	9.91	9.63
M4 X 6mm	100	141-9326	11.42	11.08	10.75	10.42
M4 X 12mm	100	141-9327	12.80	12.41	12.04	11.69
M4 X 16mm	100	141-9329	8.69	8.43	8.18	7.93
M4 X 20mm	100	141-9331	13.87	13.45	13.05	12.66
M4 X 25mm	100	141-9332	14.77	14.33	13.90	13.48
M4 X 30mm	100	141-9333	11.34	11.00	10.68	10.35
M4 X 40mm	100	141-9334	19.75	19.16	18.58	18.02
M5 X 12mm	100	141-9335	17.43	16.91	16.40	15.91
M5 X 20mm	100	141-9336	19.67	19.07	18.50	17.95
M5 X 25mm	100	141-9337	21.33	20.70	20.07	19.46
M5 X 30mm	100	141-9338	15.50	15.04	14.59	14.15
M5 X 40mm	100	141-9339	12.05	11.69	11.34	11.00
M6 X 12mm	100	141-9340	15.10	14.64	14.20	13.78
M6 X 16mm	100	141-9342	12.80	12.41	12.04	11.69
M6 X 20mm	100	141-9343	21.30	20.66	20.04	19.44
M6 X 40mm	100	141-9344	37.98	36.84	35.73	34.66

**Machine Screws - Nylon**

**Countersunk Head, Slotted Nylon 6.6**



- Resists corrosion
- Good electrical insulation properties

214178

100 Per Box	Length (mm)	Order Code	Price Per Box			
			1+	5+	10+	25+
M2	6	707-0860	4.02	3.90	3.78	3.66
	12	707-0883	4.05	3.93	3.81	3.69
	16	707-0895	4.06	3.95	3.82	3.70
M3	6	707-0974	4.06	3.95	3.82	3.70
	10	707-0986	4.24	4.12	4.00	3.87
	12	707-0998	4.19	4.07	3.96	3.83
	16	707-1000	4.22	4.10	3.98	3.86
	20	707-1012	4.34	4.20	4.08	3.97
	25	707-1024	4.48	4.34	4.20	4.08
M4	30	707-1036	4.04	3.92	3.79	3.68
	12	707-1073	4.49	4.35	4.21	4.09
	16	707-1085	4.69	4.55	4.42	4.27
	20	707-1097	4.71	4.57	4.44	4.30
	25	707-1103	4.78	4.65	4.51	4.37
30	707-1115	4.88	4.73	4.59	4.45	

**Cheesehead, Slotted Nylon 6.6**



- Resists corrosion
- Good electrical insulation properties

220523

100 Per Pack	Length (mm)	Order Code	Price Per Pack	
			1+	5+
M2	6	707-0469	4.04	
	10	707-0470	2.97	
	12	707-0482	4.04	
	16	707-0494	4.04	
	20	707-0500	4.05	
25	707-0512	4.10		
M3	6	707-0585	4.04	
	10	707-0597	2.08	
	12	707-0603	2.09	
	16	707-0615	4.19	
	20	707-0627	4.30	
	25	707-0639	4.43	
	30	707-0640	4.62	
M4	6	707-0652	3.41	
	10	707-0664	2.28	
	12	707-0676	4.43	
	16	707-0688	3.62	
	20	707-0690	4.71	
	25	707-0706	2.46	
	30	707-0718	4.89	
M5	6	707-0720	5.08	
	10	707-0731	4.95	
	12	707-0743	3.78	

100 Per Pack

Length (mm)	Order Code	Price Per Pack		
		1+	5+	
16	707-0755	4.97		
20	707-0767	5.21		
25	707-0779	5.24		
30	707-0780	4.32		
M6	10	707-0792	4.36	
	12	707-0809	5.67	
	16	707-0810	5.25	
	20	707-0822	6.09	
	25	707-0834	6.75	
	30	707-0846	7.39	
	40	707-0858	7.57	

**Pan Head, Cross Head Metric Screws**



Nylon 6,6



- Resists corrosion.
- Good electrical insulation properties.
- Pan head screws ranging from M3 through to M6.



492416

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	4+	10+	25+
M3 x 6mm	25	151-4409	1.06	1.03	1.00	0.97
M3 x 10mm	25	151-4410	1.14	1.11	1.07	1.04
M3 x 16mm	25	151-4411	1.16	1.13	1.09	1.06
M3 x 20mm	25	151-4412	1.18	1.15	1.11	1.08
M4 x 6mm	25	151-4413	1.12	1.09	1.06	1.03
M4 x 10mm	25	151-4414	1.16	1.13	1.09	1.06
M4 x 16mm	25	151-4415	1.20	1.17	1.13	1.10
M4 x 20mm	25	151-4417	1.22	1.18	1.15	1.12
M5 x 6mm	25	151-4418	1.27	1.22	1.19	1.15
M5 x 10mm	25	151-4419	1.32	1.27	1.23	1.19
M5 x 16mm	25	151-4420	1.40	1.36	1.32	1.27
M5 x 20mm	25	151-4421	1.44	1.40	1.36	1.32
M6 x 5mm	25	151-4422	1.36	1.32	1.27	1.23
M6 x 10mm	25	151-4423	1.38	1.34	1.30	1.24
M6 x 16mm	25	151-4424	1.40	1.36	1.32	1.27
M6 x 20mm	25	151-4425	1.48	1.44	1.40	1.36

**Countersunk, Cross Head Metric Screws**



Nylon 6,6



- Resists corrosion.
- Good electrical insulation properties.
- Countersunk screws ranging from M3 through to M5.

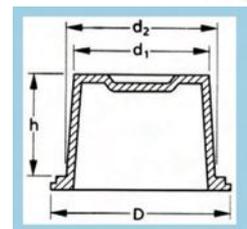


492417

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	4+	10+	25+
M3 x 6mm	25	151-4426	1.30	1.24	1.21	1.17
M3 x 10mm	25	151-4427	1.32	1.27	1.23	1.19
M3 x 15mm	25	151-4429	1.36	1.32	1.27	1.23
M4 x 6mm	25	151-4431	1.27	1.22	1.19	1.15
M4 x 10mm	25	151-4432	1.30	1.24	1.21	1.17
M4 x 16mm	25	151-4433	1.34	1.30	1.24	1.21
M4 x 20mm	25	151-4434	1.40	1.36	1.32	1.27
M5 x 10mm	25	151-4435	1.42	1.38	1.34	1.30
M5 x 16mm	25	151-4436	1.50	1.46	1.41	1.37
M5 x 15mm	25	151-4437	1.58	1.53	1.49	1.45

**Taper Plugs**

**Taper Plugs for Internal Thread Bores**



Made from low density polyethylene the taper plugs protect tapped or plain holes and prevent the ingress of unwanted debris. The plugs are moulded in yellow for easy identification. NB:- If using the taper plugs in non-threaded holes then it is important to remember that the hole diameter should be 0.20 - 0.30mm less than the listed body diameter, d2.



	Body Diameter d2 (mm)	Body Diameter d1 (mm)	Head Diameter D (mm)	Body Length H (mm)	Hole Diameter (mm)	Panel Thickness (mm)	Clip Head Diameter (mm)	Point Length (mm)	Body Length (mm)	Clip Head Height (mm)	Order Code
Thread Size											
M10	9.3	7.6	13.0	10.0	3.00	1.75 - 5.00	5.49	2.31	7.49	1.52	151-4468
M11 (1/8" BSP)	10.1	8.4	14.0	10.0	3.00	4.06 - 11.99	5.49	2.31	14.48	1.52	151-4469
M12	10.9	9.2	14.0	10.0	5.00	1.60 - 5.41	10.92	3.40	9.19	1.02	151-4470
M14	12.3	10.6	16.0	10.0	5.00	1.52 - 10.92	10.92	3.30	14.48	1.02	151-4471
M15	14.1	12.0	18.0	12.0	6.35	1.02 - 18.03	12.70	3.51	19.00	2.54	151-4472
M16 (PG9)	14.6	12.5	18.0	12.0	6.35	1.02 - 33.02	12.70	3.51	34.59	2.54	151-4473
M20	18.6	16.3	22.0	13.0	6.35	2.48 - 11.99	17.78	4.50	14.99	2.54	151-4474
M22 (1/2" BSP)	20.0	17.5	24.0	15.0	7.01	2.03 - 32.00	25.40	4.50	34.01	3.00	151-4475
M25	23.5	20.7	28.0	16.0	7.00	0.70 - 20.00	18.00	6.00	21.30	2.00	151-4476
M33 (PG21)	29.2	26.4	33.0	19.0	8.20	3.00 - 10.00	16.00	3.50	16.50	1.50	151-4478

491976

492113

Thread Size	Pack Qty	Order Code	Price Per Pack			
			1+	4+	10+	25+
M10	25	151-4438	1.05	1.02	0.99	0.96
M11 (1/8" BSP)	25	151-4439	1.10	1.06	1.03	1.00
M12	25	151-4440	1.14	1.11	1.07	1.04
M14	25	151-4442	1.26	1.21	1.18	1.14
M15	25	151-4443	1.38	1.34	1.30	1.24
M16 (PG9)	25	151-4444	1.49	1.45	1.41	1.37
M20	25	151-4445	1.60	1.55	1.51	1.47
M22 (1/2" BSP)	25	151-4446	1.71	1.66	1.61	1.57
M25	25	151-4447	1.84	1.78	1.72	1.67
M33 (PG21)	25	151-4448	2.74	2.66	2.58	2.51

Pack Qty	Order Code	Price Per Pack			
		1+	5+	10+	25+
100	151-4468	11.44	11.10	10.77	10.45
100	151-4469	11.56	11.22	10.87	10.55
50	151-4470	4.35	4.21	4.09	3.97
50	151-4471	4.58	4.45	4.30	4.18
50	151-4472	8.01	7.77	7.54	7.31
50	151-4473	8.13	7.89	7.65	7.42
50	151-4474	8.06	7.81	7.59	7.35
25	151-4475	2.29	2.21	2.15	2.09
25	151-4476	3.44	3.33	3.22	3.13
25	151-4478	4.01	3.89	3.76	3.65

## Dome Plugs

### Dome Plugs



This nylon dome plug is ideal for covering unwanted openings, with its convex, matt finished head tapering to a thin edge for an excellent appearance. As the dome plugs are manufactured from nylon 6,6 they offer a good resistance to most solvents, aromatic hydrocarbons, dilute alkalis, detergents, oils, greases, and fats. They also offer a limited resistance to dilute acids and offer a short term working temperature



between -40 and 100°C.

The dome plug is quick and easy to install. Fingertip pressure will lock the dome plug firmly into panels to provide a neat finish. The plug head height is only 1.6mm.

UL/CSA Description	Mounting Hole Diameter (mm)	Max. Chassis Thickness (mm)	Plug Head Diameter (mm)	Overall Height (mm)
DP-187	4.8	1.6	6.4	5.9
DP-250	6.4	1.6	7.9	7.9
DP-312	8.0	1.6	9.5	7.9
DP-375	9.5	3.2	11.9	10.3
DP-437	11.0	3.2	13.5	10.3
DP-500	12.7	3.2	14.7	10.3
DP-562	14.3	3.2	16.7	10.3
DP-625	15.9	3.2	18.2	10.3
MDP-16	16.0	2.5	18.5	10.3
DP-687	17.5	3.2	19.8	10.3
DP-750	19.0	3.2	23.4	10.3
MDP-20	20.0	2.5	22.6	10.3
DP-812	20.6	3.2	22.6	10.3
DP-875	22.2	3.2	25.8	11.5
MDP-25	25.0	2.5	29.8	11.5
DP-1000	25.4	3.2	30.6	11.5
DP-1093	27.8 - 28.6	3.2	30.9	11.5

492107

UL/CSA Description	Pack Qty	Order Code	Price Per Pack			
			1+	4+	10+	25+
DP-187	25	151-4449	1.26	1.21	1.18	1.14
DP-250	25	151-4450	1.34	1.30	1.24	1.20
DP-312	25	151-4451	1.38	1.34	1.30	1.24
DP-375	25	151-4452	1.49	1.45	1.41	1.37
DP-437	25	151-4454	1.56	1.51	1.47	1.43
DP-500	25	151-4455	1.60	1.55	1.51	1.47
DP-562	25	151-4456	1.71	1.66	1.61	1.57
DP-625	25	151-4457	1.79	1.72	1.67	1.63
MDP-16	25	151-4458	1.95	1.89	1.84	1.78
DP-687	25	151-4459	2.06	2.00	1.94	1.89
DP-750	25	151-4460	2.17	2.11	2.05	1.99
MDP-20	25	151-4461	2.63	2.55	2.48	2.41
DP-812	25	151-4462	2.70	2.62	2.54	2.47
DP-875	25	151-4463	2.74	2.66	2.58	2.51
MDP-25	25	151-4464	2.87	2.77	2.69	2.61
DP-1000	25	151-4466	2.94	2.85	2.75	2.67
DP-1093	25	151-4467	2.98	2.89	2.80	2.71

## Pine Tree Clips

### Pine Tree Clips



This nylon pine tree clip with its triangular point will securely hold wood, particle board, metal, solid or foam plastic, and rubber panels. It is quick and easy to install and can be used with threaded or non-threaded holes as well as in blind hole assemblies. The clip has a patented twist-in multiple head design for blind mounting of panels, and has a 360° anchoring surface to provide a stronger hold on thin materials.

This light weight clip is non-corrosive and non-conductive as it is manufactured from nylon 6,6.



## Hexagon Socket Screws

### Socket Cap Screws



#### Bright Zinc Plated



Din 912 Grade 12.9 high strength steel precision manufactured fastener. Cap head with hexagon drive. Can be used in critical applications where service load is high. Bright Zinc plated.

481249

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2.5 X 6mm	100	141-9915	17.27	16.75	16.25	15.76
M2.5 X 12mm	100	141-9917	22.37	21.71	21.05	20.41
M3 X 6mm	100	141-9918	8.58	8.31	8.07	7.82
M3 X 8mm	100	141-9919	12.74	12.35	11.99	11.62
M3 X 10mm	100	141-9920	8.58	8.31	8.07	7.82
M3 X 12mm	100	141-9921	8.58	8.31	8.07	7.82
M3 X 16mm	100	141-9922	8.58	8.31	8.07	7.82
M3 X 20mm	100	141-9923	8.91	8.64	8.37	8.13
M4 X 10mm	100	141-9940	7.48	7.25	7.05	6.82
M4 X 12mm	100	141-9941	7.48	7.25	7.05	6.82
M4 X 16mm	100	141-9925	7.48	7.25	7.05	6.82
M4 X 20mm	100	141-9926	9.80	9.51	9.22	8.95
M4 X 25mm	100	141-9927	9.11	8.83	8.57	8.31
M4 X 30mm	100	141-9928	9.26	8.98	8.71	8.45
M4 X 40mm	100	141-9929	12.04	11.67	11.33	10.99
M5 X 10mm	100	141-9930	7.48	7.25	7.05	6.82
M5 X 12mm	100	141-9931	7.48	7.25	7.05	6.82
M5 X 16mm	100	141-9932	7.48	7.25	7.05	6.82
M5 X 20mm	100	141-9942	7.48	7.25	7.05	6.82
M5 X 25mm	100	141-9933	8.27	8.02	7.78	7.56
M5 X 30mm	100	141-9934	9.30	9.02	8.75	8.49
M5 X 40mm	100	141-9935	9.67	9.37	9.10	8.82
M5 X 45mm	100	141-9937	10.20	9.89	9.59	9.30
M5 X 50mm	100	141-9938	12.04	11.67	11.33	10.99
M6 X 10mm	100	141-9684	9.67	9.37	9.10	8.82
M6 X 12mm	100	141-9685	8.12	7.87	7.64	7.41
M6 X 16mm	100	141-9686	7.72	7.49	7.26	7.05
M6 X 20mm	100	141-9688	7.78	7.56	7.32	7.11
M6 X 25mm	100	141-9689	8.58	8.31	8.07	7.82
M6 X 30mm	100	141-9690	9.12	8.84	8.58	8.32
M6 X 40mm	100	141-9691	10.30	9.99	9.69	9.40
M6 X 50mm	100	141-9692	14.32	13.89	13.47	13.07
M6 X 60mm	100	141-9693	18.22	17.67	17.15	16.63
M8 X 16mm	50	141-9694	7.68	7.45	7.22	7.02
M8 X 20mm	50	141-9695	7.68	7.45	7.22	7.02
M8 X 25mm	50	141-9696	7.68	7.45	7.22	7.02
M8 X 30mm	50	141-9697	8.58	8.31	8.07	7.82
M8 X 40mm	50	141-9698	9.11	8.83	8.57	8.31
M8 X 50mm	50	141-9700	10.16	9.85	9.55	9.27
M10 X 25mm	50	141-9939	11.38	11.04	10.71	10.38

### Socket Cap Screws

#### Self Colour



Din 912 Grade 12.9 high strength steel precision manufactured fastener. Cap head with hexagon drive. Can be used in critical applications where service loading is high.

Hexagon Socket Screws - continued

Socket Cap Screws - continued

Self Colour - continued

481251

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2.5 X 5mm	100	141-9595	10.04	9.74	9.45	9.17
M2.5 X 6mm	100	141-9597	13.86	13.44	13.04	12.65
M2.5 X 10mm	100	141-9598	14.36	13.93	13.51	13.10
M2.5 X 12mm	100	141-9599	15.26	14.81	14.36	13.93
M3 X 6mm	100	141-9600	6.24	6.06	5.88	5.70
M3 X 8mm	100	141-9601	5.59	5.42	5.25	5.10
M3 X 10mm	100	141-9603	4.67	4.54	4.39	4.26
M3 X 12mm	100	141-9604	4.71	4.57	4.44	4.29
M3 X 16mm	100	141-9605	5.56	5.39	5.22	5.07
M3 X 20mm	100	141-9606	5.93	5.75	5.58	5.41
M3 X 25mm	100	141-9607	6.96	6.75	6.55	6.36
M3 X 30mm	100	141-9608	9.00	8.73	8.47	8.21
M4 X 6mm	100	141-9609	7.70	7.47	7.24	7.03
M4 X 8mm	100	141-9610	4.61	4.48	4.34	4.20
M4 X 10mm	100	141-9611	4.47	4.33	4.20	4.08
M4 X 12mm	100	141-9612	4.50	4.36	4.22	4.10
M4 X 15mm	100	141-9613	8.12	7.87	7.64	7.41
M4 X 16mm	100	141-9615	4.52	4.38	4.24	4.12
M4 X 20mm	100	141-9616	4.93	4.77	4.63	4.50
M4 X 25mm	100	141-9617	5.56	5.39	5.22	5.07
M4 X 30mm	100	141-9618	6.27	6.09	5.90	5.72
M4 X 35mm	100	141-9619	7.53	7.29	7.08	6.87
M4 X 40mm	100	141-9620	8.15	7.91	7.67	7.44
M4 X 50mm	100	141-9621	5.62	5.46	5.28	5.13
M5 X 8mm	100	141-9622	4.68	4.55	4.41	4.27
M5 X 10mm	100	141-9623	4.44	4.29	4.17	4.05
M5 X 12mm	100	141-9624	4.48	4.34	4.21	4.08
M5 X 16mm	100	141-9625	4.06	3.94	3.82	3.70
M5 X 20mm	100	141-9627	4.53	4.39	4.25	4.13
M5 X 25mm	100	141-9628	5.04	4.88	4.73	4.60
M5 X 30mm	100	141-9629	5.92	5.74	5.57	5.40
M5 X 35mm	100	141-9630	6.58	6.38	6.19	6.01
M5 X 40mm	100	141-9632	6.73	6.54	6.33	6.14
M5 X 50mm	100	141-9633	8.42	8.17	7.92	7.68
M5 X 60mm	100	141-9634	17.37	16.85	16.34	15.86
M6 X 10mm	100	141-9635	4.96	4.80	4.66	4.52
M6 X 12mm	100	141-9636	4.53	4.39	4.25	4.13
M6 X 16mm	100	141-9637	4.58	4.45	4.30	4.18
M6 X 20mm	100	141-9639	4.63	4.50	4.36	4.22
M6 X 25mm	100	141-9641	4.99	4.84	4.69	4.55
M6 X 30mm	100	141-9642	5.45	5.27	5.12	4.97
M6 X 35mm	100	141-9643	6.56	6.36	6.17	5.99
M6 X 40mm	100	141-9644	6.78	6.58	6.38	6.19
M6 X 50mm	100	141-9645	8.42	8.17	7.92	7.68
M6 X 60mm	100	141-9646	12.56	12.18	11.82	11.47
M6 X 65mm	100	141-9647	11.97	11.61	11.26	10.92
M6 X 70mm	100	141-9648	18.84	18.28	17.73	17.20
M6 X 75mm	100	141-9649	6.30	6.11	5.92	5.75
M6 X 80mm	100	141-9650	8.46	8.21	7.95	7.72

Button Head Socket Screw



ISO 7380 Grade 10.9 high strength steel precision manufactured fastener. Button head with hexagon drive. Low profile head is suitable where safety (no sharp edges or protrusions permitted) may be an issue.

481003

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 8mm	100	142-0704	8.67	8.41	8.16	7.91
M3 X 10mm	100	142-0705	10.39	10.08	9.78	9.49
M4 X 8mm	100	142-0706	8.91	8.64	8.37	8.13
M4 X 10mm	100	142-0708	9.21	8.93	8.67	8.41
M4 X 16mm	100	142-0709	9.88	9.59	9.30	9.02
M5 X 10mm	50	142-0710	9.26	8.98	8.71	8.45
M5 X 20mm	50	142-0711	12.17	11.81	11.46	11.11
M6 X 12mm	50	142-0712	9.22	8.94	8.68	8.42
M6 X 20mm	50	142-0713	11.44	11.10	10.77	10.45
M6 X 25mm	50	142-0714	12.97	12.59	12.21	11.84

Button Head Socket Screw



Grade 10.9 High Strength Steel



ISO 7380 Grade 10.9 high strength steel precision manufactured fastener. Button head with hexagon drive. Low profile head is suitable where safety (no sharp edges or protrusions permitted) may be an issue.

481005

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 5mm	100	142-0682	6.77	6.57	6.38	6.18
M3 X 8mm	100	142-0683	6.45	6.25	6.07	5.89
M3 X 10mm	100	142-0684	8.18	7.93	7.70	7.46
M3 X 12mm	100	142-0685	9.17	8.89	8.63	8.36
M4 X 6mm	100	142-0686	12.36	11.99	11.63	11.28
M4 X 8mm	100	142-0687	6.07	5.89	5.71	5.54
M4 X 10mm	100	142-0688	6.26	6.08	5.89	5.71
M4 X 12mm	100	142-0691	6.40	6.21	6.03	5.83
M4 X 16mm	100	142-0692	7.26	7.05	6.83	6.63
M5 X 8mm	100	142-0693	12.46	12.09	11.73	11.37
M5 X 10mm	100	142-0694	7.53	7.29	7.08	6.87
M5 X 12mm	100	142-0695	7.26	7.05	6.83	6.63
M5 X 16mm	100	142-0696	9.24	8.96	8.70	8.43
M5 X 20mm	100	142-0697	12.23	11.86	11.51	11.15
M5 X 30mm	100	142-0698	19.50	18.91	18.34	17.79
M6 X 10mm	100	142-0699	8.88	8.62	8.36	8.11
M6 X 12mm	100	142-0700	7.62	7.39	7.17	6.95
M6 X 16mm	100	142-0701	8.30	8.06	7.81	7.58
M6 X 20mm	100	142-0702	8.82	8.57	8.30	8.06
M6 X 30mm	100	142-0703	7.04	6.82	6.62	6.42

Countersunk Socket Screws



Bright Zinc Plated



Din 7991 Grade 10.9 high strength steel precision manufactured fastener. Countersunk head with hexagon drive. Bright Zinc plated.

481056

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 8mm	100	142-0649	11.49	11.14	10.81	10.49
M3 X 10mm	100	142-0650	11.14	10.81	10.49	10.17
M3 X 12mm	100	142-0651	12.24	11.87	11.51	11.17
M4 X 8mm	50	142-0652	9.30	9.02	8.75	8.49
M4 X 10mm	50	142-0654	9.30	9.02	8.75	8.49
M4 X 12mm	50	142-0655	13.37	12.96	12.58	12.21
M4 X 16mm	50	142-0656	10.39	10.08	9.78	9.49
M5 X 10mm	50	142-0657	8.58	8.31	8.07	7.82
M5 X 12mm	50	142-0658	9.67	9.37	9.10	8.82
M5 X 16mm	50	142-0659	10.39	10.08	9.78	9.49
M5 X 20mm	50	142-0660	11.88	11.53	11.19	10.84
M6 X 12mm	50	142-0661	10.39	10.08	9.78	9.49
M6 X 16mm	50	142-0662	10.39	10.08	9.78	9.49
M6 X 20mm	50	142-0663	11.88	11.53	11.19	10.84

Socket Set Screws



Knurled Cup Point



Din 916 Grade 14.9 high strength steel precision manufactured fastener. Hexagon drive. Primarily used in compression.

481254

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M4 X 4mm	50	141-9701	2.75	2.67	2.59	2.52
M4 X 5mm	50	141-9702	2.85	2.75	2.67	2.59
M4 X 6mm	50	141-9703	2.90	2.81	2.72	2.64
M4 X 8mm	50	141-9704	3.12	3.03	2.94	2.86
M4 X 10mm	50	141-9706	3.12	3.03	2.94	2.86
M4 X 12mm	50	141-9707	5.03	4.88	4.72	4.59
M4 X 16mm	50	141-9708	5.67	5.51	5.34	5.17
M5 X 5mm	50	141-9709	2.82	2.73	2.65	2.57
M5 X 6mm	50	141-9710	2.85	2.75	2.67	2.59
M5 X 8mm	50	141-9711	2.87	2.77	2.69	2.61
M5 X 10mm	50	141-9712	3.09	3.00	2.91	2.82
M5 X 16mm	50	141-9713	5.40	5.23	5.08	4.94
M6 X 6mm	50	141-9714	2.76	2.68	2.60	2.53
M6 X 8mm	50	141-9715	2.91	2.82	2.73	2.65
M6 X 12mm	50	141-9716	3.26	3.17	3.07	2.99
M6 X 16mm	50	141-9718	4.11	3.99	3.87	3.75
M6 X 20mm	50	141-9719	4.85	4.70	4.56	4.43
M8 X 8mm	25	141-9720	1.79	1.73	1.68	1.63
M8 X 10mm	25	141-9721	1.84	1.78	1.72	1.67
M8 X 16mm	25	141-9722	2.33	2.24	2.18	2.12

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## Socket Set Screws

### Plain Cup Point



Din 916 Grade 14.9 high strength steel precision manufactured fastener. Hexagon drive. Primarily used in compression.

481260

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2 X 3mm	25	141-9723	3.67	3.56	3.46	3.35
M2 X 6mm	25	141-9724	5.30	5.15	5.00	4.84
M2 X 10mm	25	141-9725	7.03	6.81	6.61	6.41
M2.5 X 3mm	25	141-9726	2.23	2.17	2.10	2.04
M2.5 X 6mm	25	141-9727	3.37	3.25	3.16	3.07
M2.5 X 8mm	25	141-9728	7.03	6.81	6.61	6.41
M3 X 3mm	100	141-9731	3.49	3.39	3.27	3.18
M3 X 6mm	100	141-9732	4.06	3.94	3.82	3.70
M4 X 12mm	100	141-9733	4.32	4.19	4.06	3.95
M4 X 4mm	100	141-9734	4.73	4.59	4.46	4.32
M4 X 6mm	100	141-9735	4.85	4.70	4.56	4.43
M4 X 12mm	100	141-9736	5.77	5.60	5.43	5.27
M5 X 5mm	100	141-9737	3.02	2.93	2.85	2.75
M5 X 8mm	100	141-9738	3.34	3.23	3.14	3.05
M5 X 10mm	100	141-9739	3.49	3.39	3.27	3.18
M6 X 6mm	100	141-9740	3.27	3.18	3.08	2.99
M6 X 8mm	100	141-9741	3.69	3.58	3.48	3.38
M6 X 10mm	100	141-9743	3.91	3.78	3.67	3.56

## Hexagon Socket Screws - Stainless Steel

### Socket Cap Screws

#### A2 Stainless Steel



Din 912 Grade A2 (18/8) Stainless Steel precision manufactured fastener. Cap head with hexagon drive. Corrosion resistant under normal atmospheric conditions.

481248

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 6mm	50	141-9943	7.92	7.68	7.45	7.23
M3 X 8mm	50	141-9944	8.77	8.51	8.25	8.00
M3 X 12mm	50	141-9945	9.59	9.30	9.03	8.75
M3 X 16mm	50	141-9946	10.49	10.18	9.86	9.57
M3 X 20mm	50	141-9947	11.61	11.27	10.92	10.60
M3 X 25mm	50	141-9949	12.61	12.24	11.86	11.51
M3 X 30mm	50	141-9951	13.47	13.07	12.67	12.30
M4 X 8mm	50	141-9952	9.50	9.22	8.94	8.67
M4 X 10mm	50	141-9953	8.44	8.19	7.94	7.70
M4 X 12mm	50	141-9954	9.61	9.31	9.03	8.76
M4 X 16mm	50	141-9955	10.09	9.79	9.50	9.21
M4 X 20mm	50	141-9956	10.89	10.57	10.25	9.95
M4 X 25mm	50	141-9957	11.65	11.30	10.97	10.63
M4 X 30mm	50	141-9958	12.83	12.44	12.07	11.71
M4 X 40mm	50	141-9959	16.25	15.76	15.29	14.84
M5 X 10mm	50	141-9960	11.88	11.53	11.19	10.84
M5 X 12mm	50	141-9962	12.15	11.79	11.43	11.09
M5 X 16mm	50	141-9963	12.14	11.78	11.42	11.08
M5 X 20mm	50	141-9964	12.78	12.39	12.02	11.66
M5 X 25mm	50	141-9965	13.84	13.42	13.02	12.63
M5 X 30mm	50	141-9966	14.75	14.31	13.88	13.46
M5 X 40mm	50	141-9967	16.43	15.94	15.46	14.99
M5 X 50mm	50	141-9968	16.76	16.25	15.77	15.29
M6 X 12mm	50	141-9969	10.85	10.53	10.21	9.90
M6 X 16mm	50	141-9970	11.99	11.62	11.28	10.93
M6 X 20mm	50	141-9971	12.86	12.48	12.10	11.74
M6 X 25mm	50	141-9974	13.86	13.44	13.04	12.65
M6 X 30mm	50	141-9975	16.58	16.08	15.60	15.13
M6 X 35mm	50	141-9976	16.34	15.86	15.38	14.92
M6 X 40mm	50	141-9977	19.70	19.11	18.53	17.98
M6 X 45mm	50	141-9978	21.87	21.22	20.58	19.95
M6 X 50mm	50	141-9979	25.16	24.41	23.68	22.97
M6 X 60mm	50	141-9980	29.68	28.78	27.93	27.09
M8 X 25mm	25	141-9981	14.58	14.14	13.71	13.31
M8 X 30mm	25	141-9982	16.17	15.68	15.21	14.75
M8 X 40mm	25	141-9983	22.75	22.05	21.40	20.76
M10 X 20mm	25	141-9984	18.60	18.03	17.49	16.97

## Premium service without a premium price



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## Button Head Socket Screw

### A2 Stainless Steel



ISO 7380 Grade A2 (18/8) Stainless Steel precision manufactured fastener. Button head with hexagon drive. Corrosion resistant under normal atmospheric conditions.

481032

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 8mm	100	142-0715	6.23	6.05	5.87	5.69
M3 X 10mm	100	142-0716	6.83	6.63	6.43	6.24
M3 X 12mm	100	142-0717	7.22	7.01	6.79	6.59
M4 X 8mm	100	142-0718	8.06	7.81	7.58	7.34
M4 X 10mm	100	142-0721	8.68	8.42	8.17	7.92
M4 X 12mm	100	142-0722	9.19	8.92	8.65	8.38
M4 X 16mm	100	142-0723	10.22	9.91	9.62	9.32
M4 X 20mm	100	142-0724	4.85	4.70	4.56	4.43
M5 X 10mm	100	142-0725	10.75	10.42	10.11	9.81
M5 X 12mm	100	142-0726	11.26	10.92	10.59	10.28
M5 X 16mm	100	142-0727	12.93	12.55	12.17	11.80
M5 X 20mm	100	142-0728	14.39	13.96	13.54	13.13
M5 X 30mm	100	142-0729	14.39	13.96	13.54	13.13
M6 X 10mm	100	142-0730	10.27	9.96	9.67	9.37
M6 X 12mm	100	142-0731	14.39	13.96	13.54	13.13
M6 X 16mm	100	142-0733	16.52	16.02	15.55	15.08
M6 X 20mm	100	142-0734	18.64	18.07	17.53	17.01
M6 X 30mm	100	142-0735	13.84	13.42	13.02	12.63

## Countersunk Socket Screws

### A2 Stainless Steel



Din 7991 Grade A2 (18/8) Stainless Steel precision manufactured fastener. Countersunk head with hexagon drive. Corrosion resistant under normal atmospheric conditions.

481048

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3 X 6mm	50	142-0664	6.66	6.46	6.26	6.08
M3 X 10mm	50	142-0666	7.48	7.25	7.05	6.82
M3 X 12mm	50	142-0667	8.49	8.24	7.99	7.75
M4 X 10mm	50	142-0668	8.71	8.45	8.20	7.95
M4 X 12mm	50	142-0669	8.37	8.13	7.87	7.65
M4 X 16mm	50	142-0670	8.80	8.54	8.28	8.03
M4 X 20mm	50	142-0671	8.45	8.20	7.95	7.71
M5 X 10mm	50	142-0672	8.01	7.77	7.54	7.31
M5 X 12mm	50	142-0673	7.62	7.39	7.17	6.95
M5 X 16mm	50	142-0674	7.57	7.33	7.12	6.91
M5 X 20mm	50	142-0675	7.82	7.59	7.36	7.14
M5 X 30mm	50	142-0676	8.09	7.84	7.61	7.38
M6 X 12mm	50	142-0678	9.47	9.19	8.91	8.65
M6 X 16mm	50	142-0679	9.57	9.28	9.01	8.74
M6 X 20mm	50	142-0680	10.25	9.94	9.65	9.35
M6 X 30mm	50	142-0681	11.59	11.25	10.90	10.58

## Hexagon Set Screws

### High Tensile Set Screws

#### Bright Zinc Plated



Din 933 Grade 8.8 high strength multi-purpose set screws. Hexagonal head. Fully threaded. Bright Zinc plated.

481090

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M4 X 6mm	100	142-0326	2.57	2.50	2.42	2.35
M4 X 10mm	100	142-0327	2.72	2.64	2.57	2.49
M4 X 12mm	100	142-0328	2.82	2.73	2.65	2.57
M4 X 16mm	100	142-0329	3.02	2.93	2.85	2.75
M4 X 20mm	100	142-0330	3.17	3.08	2.99	2.90
M4 X 25mm	100	142-0332	3.86	3.74	3.63	3.53

## Coming soon



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## Hexagon Set Screws - continued

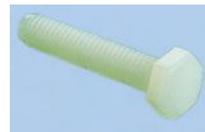
## High Tensile Set Screws - continued

Bright Zinc Plated - continued

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M5 X 10mm	100	142-0333	3.23	3.14	3.05	2.96
M5 X 12mm	100	142-0334	4.65	4.52	4.38	4.24
M5 X 16mm	100	142-0335	4.85	4.70	4.56	4.43
M5 X 20mm	100	142-0336	5.35	5.19	5.04	4.88
M5 X 25mm	100	142-0337	4.95	4.79	4.65	4.52
M5 X 30mm	100	142-0338	5.05	4.89	4.74	4.61
M6 X 10mm	100	142-0339	4.90	4.75	4.61	4.48
M6 X 12mm	100	142-0340	4.78	4.64	4.51	4.37
M6 X 16mm	100	142-0341	4.95	4.79	4.65	4.52
M6 X 20mm	100	142-0342	5.79	5.62	5.46	5.28
M6 X 25mm	100	142-0344	6.50	6.29	6.11	5.93
M6 X 30mm	100	142-0345	6.89	6.68	6.49	6.28
M6 X 40mm	100	142-0346	6.93	6.72	6.53	6.32
M6 X 50mm	100	142-0347	7.28	7.07	6.85	6.65
M8 X 12mm	50	142-0348	4.65	4.52	4.38	4.24
M8 X 16mm	50	142-0349	4.70	4.56	4.43	4.29
M8 X 20mm	50	142-0350	4.74	4.60	4.47	4.33
M8 X 25mm	50	142-0351	6.04	5.86	5.68	5.51
M8 X 30mm	50	142-0352	6.23	6.05	5.87	5.69
M8 X 35mm	50	142-0353	5.90	5.72	5.55	5.38
M8 X 40mm	50	142-0373	6.98	6.77	6.57	6.37
M10 X 16mm	50	142-0356	7.09	6.88	6.67	6.47
M10 X 20mm	50	142-0357	7.48	7.25	7.05	6.82
M10 X 25mm	50	142-0358	8.22	7.97	7.73	7.50
M10 X 30mm	50	142-0359	8.77	8.51	8.25	8.00
M10 X 35mm	50	142-0360	9.47	9.19	8.91	8.65
M10 X 40mm	50	142-0361	10.00	9.70	9.40	9.13
M10 X 50mm	50	142-0362	10.89	10.57	10.25	9.95
M10 X 60mm	50	142-0363	5.24	5.09	4.94	4.78
M10 X 70mm	50	142-0364	7.18	6.96	6.75	6.56
M12 X 30mm	50	142-0365	10.59	10.27	9.97	9.67
M12 X 40mm	50	142-0366	11.94	11.59	11.24	10.90
M12 X 50mm	50	142-0368	13.77	13.35	12.95	12.56
M12 X 60mm	25	142-0369	7.96	7.72	7.49	7.26
M12 X 70mm	25	142-0370	7.98	7.74	7.51	7.28
M12 X 80mm	25	142-0371	9.21	8.93	8.67	8.41
M16 X 80mm	100	142-0372	25.51	24.82	24.17	23.55

## Set Screws – Nylon 6.6

DURATOOL



- Resists corrosion
- Good electrical insulation properties
- Manufactured in accordance with DIN 933

214177

	Length (mm)	Pack Qty	Order Code	Price Per Pack
M8	16	50	707-5224	6.54
	20	50	707-5236	7.01
	25	50	707-5248	5.98
	30	50	707-5250	7.93
	40	50	707-5261	8.71
	60	50	707-5273	8.78
	80	50	707-5285	12.40
M10	20	50	707-5297	9.32
	30	50	707-5303	5.22
	40	50	707-5315	10.88
	50	50	707-5327	11.66
	60	50	707-5339	12.12
	100	50	707-5352	26.92

## Studding

DURATOOL

## Studding

Bright Zinc Plated



Din 975 mild steel fully threaded screwed rod. Can be cut to length on site. Bright Zinc plated.

481330

Thread x Length	Order Code	Price Each			
		1+	5+	10+	25+
M4 X 1M	141-9415	0.93	0.90	0.88	0.85
M5 X 1M	141-9416	0.94	0.91	0.89	0.86
M6 X 1M	141-9417	0.91	0.88	0.86	0.83
M8 X 1M	141-9418	1.01	0.98	0.95	0.93
M10 X 1M	141-9421	1.36	1.32	1.27	1.23
M12 X 1M	141-9422	2.05	1.99	1.93	1.88

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## Set Screws

A2 Stainless Steel

DURATOOL



DIN 933 grade A2 (18/8) Stainless Steel multi-purpose set screws. Hexagonal head. Fully threaded. Corrosion resistant under normal atmospheric conditions.

481088

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M4 X 8mm	100	142-0747	4.03	3.91	3.78	3.67
M4 X 10mm	100	142-0748	5.92	5.74	5.57	5.40
M4 X 12mm	100	142-0749	6.60	6.40	6.21	6.03
M4 X 16mm	100	142-0750	6.77	6.57	6.38	6.18
M4 X 20mm	100	142-0751	7.18	6.96	6.75	6.56
M4 X 25mm	100	142-0752	7.69	7.46	7.23	7.02
M5 X 8mm	100	142-0753	6.67	6.47	6.27	6.09
M5 X 10mm	100	142-0754	5.45	5.27	5.12	4.97
M5 X 12mm	100	142-0755	6.49	6.28	6.10	5.92
M5 X 20mm	100	142-0757	7.86	7.63	7.40	7.18
M5 X 25mm	100	142-0758	8.43	8.18	7.93	7.69
M5 X 30mm	100	142-0759	9.33	9.05	8.78	8.52
M5 X 50mm	100	142-0760	10.86	10.54	10.22	9.91
M6 X 10mm	100	142-0761	7.28	7.07	6.85	6.65
M6 X 12mm	100	142-0762	5.31	5.16	5.01	4.85
M6 X 16mm	100	142-0763	7.75	7.53	7.29	7.08
M6 X 20mm	100	142-0764	8.15	7.91	7.67	7.44
M6 X 25mm	100	142-0765	8.76	8.50	8.24	7.99
M6 X 30mm	100	142-0766	10.31	10.00	9.70	9.40
M6 X 40mm	100	142-0767	12.02	11.65	11.31	10.97
M6 X 50mm	100	142-0769	15.82	15.35	14.89	14.44
M6 X 60mm	50	142-0771	9.64	9.34	9.06	8.79
M6 X 70mm	50	142-0374	11.50	11.15	10.82	10.50
M8 X 12mm	50	142-0375	6.94	6.73	6.54	6.33
M8 X 16mm	50	142-0376	7.46	7.23	7.03	6.80
M8 X 20mm	50	142-0377	7.51	7.28	7.07	6.85
M8 X 25mm	50	142-0378	8.65	8.38	8.14	7.89
M8 X 30mm	50	142-0381	9.79	9.50	9.21	8.94
M8 X 40mm	50	142-0382	11.56	11.22	10.87	10.55
M8 X 50mm	50	142-0383	14.46	14.03	13.61	13.20
M8 X 60mm	50	142-0384	12.99	12.60	12.22	11.85
M8 X 70mm	50	142-0385	16.58	16.08	15.60	15.13
M10 X 20mm	25	142-0772	7.51	7.28	7.07	6.85
M10 X 30mm	25	142-0773	8.87	8.61	8.35	8.11
M10 X 40mm	25	142-0774	10.48	10.17	9.85	9.56
M10 X 50mm	25	142-0775	11.79	11.43	11.09	10.76
M10 X 70mm	25	142-0776	13.05	12.65	12.28	11.90
M12 X 50mm	25	142-0777	16.70	16.20	15.71	15.24
M12 X 60mm	25	142-0778	19.37	18.79	18.23	17.68

## Studding

Self Colour

DURATOOL



Din 975 mild steel fully threaded screwed rod. Can be cut to length on site.

481331

Thread x Length	Order Code	Price Each			
		1+	5+	10+	25+
M4 X 1M	141-9412	0.67	0.65	0.63	0.61
M5 X 1M	141-9413	0.72	0.70	0.68	0.66
M8 X 1M	141-9414	1.24	1.20	1.17	1.14

## A2 Stainless Steel Studding

DURATOOL



Din 975 Grade A2 (18/8) Stainless Steel fully threaded screwed rod. Can be cut to length on site. Corrosion resistant under normal atmospheric conditions.

48476

Thread x Length	Order Code	Price Each			
		1+	5+	10+	25+
M3 X 1m	141-9424	1.77	1.71	1.66	1.61
M4 X 1m	141-9425	1.98	1.92	1.87	1.81
M5 X 1m	141-9426	2.05	1.99	1.93	1.88
M6 X 1m	141-9427	1.96	1.90	1.85	1.79
M8 X 1m	141-9428	2.70	2.62	2.55	2.47
M10 X 1m	141-9429	4.48	4.34	4.21	4.08
M12 X 1m	141-9430	5.89	5.71	5.55	5.38

Over 480,000 products online



## A4 Stainless Steel Studding

**DURATOOL**

Din 975 Grade A4 ("acid proof") Stainless Steel fully threaded screwed rod. Can be cut to length on site. Better corrosive resistance to aggressive media such as chlorides.

478471

Thread	Order Code	Price Each			
		1+	5+	10+	25+
M3	141-9431●	3.44	3.33	3.22	3.13
M4	141-9433●	3.46	3.35	3.24	3.15
M6	141-9434●	3.16	3.07	2.98	2.89
M8	141-9435●	7.81	7.58	7.35	7.13

## Bright Zinc Plated Studding Connector

**DURATOOL**

Din 6334 mild steel studding connectors. Can be used as spacers or to connect lengths of studding. Bright Zinc plated.

478503

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M6 X 18mm	25	141-9436●	7.09	6.88	6.67	6.47
M8 X 24mm	25	141-9437●	8.97	8.70	8.44	8.19
M10 X 30mm	10	141-9438●	4.46	4.32	4.19	4.07
M16 X 48mm	10	141-9439●	12.90	12.52	12.14	11.78

## Nuts

## Full Nuts

**DURATOOL**

## Bright Zinc Plated



Din 934 grade 8 high tensile hexagon full nuts. Bright Zinc plated.

481320

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	141-9445●	1.12	1.09	1.05	1.02
M2.5	100	141-9446●	1.03	1.00	0.97	0.94
M3	100	141-9447●	1.05	1.02	0.99	0.96
M3.5	100	141-9448●	1.42	1.38	1.34	1.30
M4	100	141-9449●	0.99	0.96	0.93	0.91
M5	100	141-9450●	1.14	1.11	1.07	1.04
M6	100	141-9451●	1.71	1.66	1.61	1.56
M8	100	141-9452●	2.96	2.87	2.79	2.70
M10	50	141-9453●	2.29	2.21	2.15	2.08
M12	50	141-9454●	2.91	2.82	2.73	2.65
M16	25	141-9455●	2.33	2.27	2.21	2.15
M20	100	141-9457●	16.62	16.12	15.64	15.17

## Full Nuts

**DURATOOL**

## A2 Stainless Steel



Din 934 grade A2 (18/8) Stainless Steel hexagon full nuts. Corrosion resistant under normal atmospheric conditions.

481086

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	142-0786●	3.93	3.81	3.69	3.58
M2.5	100	142-0787●	3.94	3.82	3.70	3.59
M3	100	142-0788●	2.58	2.51	2.43	2.36
M3.5	100	142-0789●	4.06	3.94	3.82	3.70
M4	100	142-0790●	2.88	2.79	2.70	2.62
M5	100	142-0791●	3.17	3.08	2.99	2.90
M6	100	142-0792●	4.36	4.22	4.10	3.98
M8	100	142-0794●	4.85	4.70	4.56	4.43
M10	100	142-0795●	10.28	9.97	9.68	9.38
M12	100	142-0796●	16.13	15.65	15.17	14.72

## Full Nuts

**DURATOOL**

## Brass Nickel Plated



Din 934 Brass hexagon full nuts. Nickel plated finish.

481087

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	142-0779●	7.8500	7.6200	7.3900	7.1700
M2.5	100	142-0780●	7.5000	7.2700	7.0600	6.8400
M3.5	100	142-0782●	7.6200	7.3900	7.1700	6.9500
M4	1	142-0783●	0.0483	--	--	--
M5	100	142-0784●	9.0200	8.7500	8.4900	8.2300
M6	100	142-0785●	9.7100	9.4200	9.1400	8.8600

## Full Nuts

**DURATOOL**

## Nylon 6.6



● Manufactured in accordance with **BS3692** (metric), **BS57** (BA) and **BS1083** (BSW)

213888

Metric		Order Code	Price Per Pack
Thread	Pack Qty		
M2	50	701-6920	1.93
M2.5	50	701-6931	2.02
M3	50	701-6943●	2.03
M4	50	701-6955	2.28
M5	50	701-6967	2.48
M6	50	701-6979	2.69
M8	50	701-6980	3.08
M10	50	701-6992	4.08
<b>BA</b>			
<b>Steel, Bright Zinc Plated and Clear Passivated</b>			
6BA	100	149-773	1.19
4BA	100	149-774	1.23
2BA	100	149-775	1.59
<b>Brass, Nickel Plated</b>			
8BA	100	101-191	1.29
6BA	100	101-193	1.39
4BA	100	101-195	2.04
2BA	100	101-197	4.21

## Combined Nut/Washer

**DURATOOL**

## Nylon



● Grade 6.6 nylon

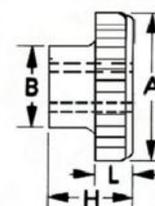
213977

100 Per Pack		Order Code	Price Per Pack
Metric			
M3		706-1857●	5.40
M4		706-6946●	5.30
M5		706-6958●	5.99
M6		706-6960●	6.97
<b>BA</b>			
6BA		706-6971●	6.98
4BA		706-6983●	6.93
2BA		706-6995●	6.13

## Metric Knurled Thumb Nuts

**DURATOOL**

● Material: Nylon 6.6 ● Colour: White

**New**

Thread	Order Code	A	B	H	L	Form
M3	163-9623	12.0	7.0	7.0	3.5	A
M4	163-9624	12.0	7.0	7.0	3.5	A
M5	163-9625	16.0	9.5	8.0	4.5	A
M6	163-9627	16.0	9.5	8.0	4.5	A
M4	163-9628	16.0	9.5	8.0	4.5	B
M5	163-9629	16.0	9.5	8.0	4.5	B
M6	163-9630	16.0	10.0	8.0	4.5	B
M4	163-9631	16.0	10.0	6.0	4.5	C



## Nuts - continued

## Metric Knurled Thumb Nuts - continued

Thread Size	Order Code	A	B	H	L	Form Form
M5	163-9632	16.0	10.0	6.0	4.5	C
M6	163-9633	16.0	10.0	6.0	4.5	C
M4	163-9634	16.0	10.0	6.0	4.5	D
M5	163-9635	16.0	10.0	6.0	4.5	D
M6	163-9636	16.0	10.0	6.0	4.5	D

522150

Screw Size	Mfrs.		Price Each			
	List No.	Order Code	1+	5+	10+	25+
M3	D01336	163-9623●	3.91	3.71	3.53	
M4	D01337	163-9624●	3.98	3.77	3.59	
M5	D01338	163-9625●	4.36	4.14	3.94	
M6	D01339	163-9627●	4.38	4.15	3.95	
M4	D01340	163-9628●	4.35	4.12	3.92	
M5	D01341	163-9629●	4.38	4.15	3.95	
M6	D01342	163-9630●	5.24	4.98	4.73	
M4	D01343	163-9631●	4.01	3.81	3.61	
M5	D01344	163-9632●	4.01	3.81	3.61	
M6	D01345	163-9633●	4.54	4.32	4.09	
M4	D01346	163-9634●	4.10	3.90	3.70	
M5	D01347	163-9635●	3.99	3.78	3.60	
M6	D01348	163-9636●	3.99	3.78	3.60	

Nylon Insert Nuts  
Bright Zinc Plated

Din 985 Grade 6 steel self locking nuts. The nylon insert resists loosening, working on the principle of thread friction. Bright Zinc plated.

481121

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	100	142-0431●	2.91	2.82	2.73	2.65
M4	100	142-0432●	3.23	3.14	3.05	2.96
M5	100	142-0433●	3.54	3.44	3.33	3.22
M6	100	142-0435●	4.93	4.77	4.63	4.50
M8	100	142-0436●	4.62	4.49	4.35	4.21
M10	100	142-0437●	6.04	5.86	5.68	5.51
M12	100	142-0438●	7.80	7.58	7.34	7.13

Nylon Insert Nuts  
A2 Stainless Steel

Din 985 Grade A2 (18/8) Stainless Steel self locking nuts. The nylon insert resists loosening, working on the principle of thread friction. Corrosion resistant under normal atmospheric conditions.

481127

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	100	142-0440●	5.82	5.65	5.49	5.31
M4	100	142-0441●	7.49	7.26	7.05	6.83
M5	100	142-0442●	10.20	9.89	9.59	9.30
M6	100	142-0443●	12.40	12.03	11.67	11.32
M8	50	142-0444●	16.47	15.98	15.49	15.04
M10	50	142-0445●	16.58	16.08	15.60	15.13

Nylon Insert Nuts  
A4 Stainless Steel

Din 985 Grade A4 ("acid proof") Stainless Steel self locking nuts. The nylon insert resists loosening, working on the principle of thread friction. Better corrosive resistance to aggressive media such as chlorides.

481139

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	50	142-0447●	11.69	11.33	11.00	10.67
M4	50	142-0448●	7.56	7.32	7.11	6.90
M5	50	142-0449●	9.23	8.95	8.69	8.43
M6	50	142-0450●	11.05	10.72	10.39	10.08
M8	50	142-0451●	16.23	15.74	15.27	14.82

Flanged Nuts  
Serrated - Bright Zinc Plated

Flange nut - serrated. Offers increased bearing load surface area in application. Serrated underside increases the locking potential. Bright Zinc plated.

481247

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M5	100	142-0065●	3.32	3.21	3.12	3.03
M6	100	142-0066●	3.37	3.25	3.16	3.07
M6	100	142-0067●	6.23	6.05	5.87	5.69
M10	50	142-0068●	5.90	5.72	5.55	5.38
M12	50	142-0071●	8.71	8.45	8.20	7.95

Pressed Nuts  
Bright Zinc Plated

Hexagon mild steel pressed nut. Useful for applications where space access is limited. Bright Zinc plated.

481089

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	100	142-0452●	5.67	5.51	5.34	5.17
M4	100	142-0453●	5.23	5.08	4.93	4.77
M5	100	142-0454●	5.57	5.40	5.23	5.08
M6	100	142-0455●	11.13	10.80	10.48	10.17

Dome Nuts  
Bright Zinc Plated

Din 1587 mild steel one-piece dome headed nuts. Bright Zinc plated.

481077

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	100	142-0797●	5.93	5.75	5.58	5.41
M4	100	142-0798●	8.30	8.06	7.81	7.58
M5	100	142-0799●	6.63	6.43	6.23	6.05
M6	100	142-0801●	7.13	6.91	6.71	6.51
M8	100	142-0802●	12.68	12.30	11.93	11.58
M10	50	142-0803●	8.57	8.30	8.06	7.81

Flanged Nuts  
Plain - Bright Zinc Plated

Flange nut - plain. Offers increased bearing load surface area in application. Bright Zinc plated.

481146

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M5	100	142-0456●	2.66	2.58	2.51	2.44
M6	100	142-0457●	2.72	2.64	2.57	2.49
M8	100	142-0459●	4.73	4.59	4.46	4.32

Dome Nuts  
A2 Stainless Steel

Din 1587 Grade A2 (18/8) Stainless Steel one-piece dome headed nuts. Corrosion resistant under normal atmospheric conditions.

481073

See our range of **Nutlocks** on page 1615

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	50	142-0804	8.62	8.35	8.11	7.86
M4	50	142-0805	8.65	8.38	8.14	7.89
M5	50	142-0806	10.92	10.60	10.28	9.97
M6	50	142-0807	11.08	10.75	10.42	10.11
M8	25	142-0808	11.91	11.56	11.21	10.87

**Wingnuts Bright Zinc Plated**



Mild steel wing nuts. Bright Zinc plated.

478401

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	50	141-9458	2.57	2.50	2.42	2.35
M4	50	141-9459	2.57	2.50	2.42	2.35
M5	50	141-9460	2.57	2.50	2.42	2.35
M6	50	141-9461	3.16	3.07	2.98	2.89
M8	50	141-9462	4.42	4.27	4.15	4.03

**A2 Stainless Steel Wingnuts**



Grade A2 (18/8) Stainless Steel wing nuts. Corrosion resistant under normal atmospheric conditions.

477905

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	50	141-9463	10.60	10.28	9.98	9.68
M4	50	141-9464	10.20	9.89	9.59	9.30
M5	50	141-9465	10.25	9.94	9.65	9.35
M6	50	141-9466	11.84	11.49	11.14	10.81
M8	50	141-9467	26.63	25.84	25.06	24.31

**Pressed Nuts**

Bright Zinc Plated



Hexagon mild steel pressed nut. Useful for applications where space access is limited. Bright Zinc plated.

481314

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	100	141-9469	3.33	3.22	3.13	3.04
M4	100	141-9471	3.44	3.33	3.22	3.13
M5	100	141-9472	3.64	3.54	3.43	3.32
M6	100	141-9473	4.89	4.74	4.60	4.47

**Captive**

Bright Zinc-Plated



- 'U' type metal fasteners
- Manufactured from zinc-plated spring steel
- Suitable for a range of materials between 0.7 and 2.0mm thick
- Also available as a kit

Type	Size	Panel Clearance Hole		Panel Thickness	
		6	4.8	0.71-1.62	0.71-1.22
M4	11.2 X 16.5	6	4.8	0.71-1.62	0.71-1.22
No.4 (Self Tapper)	7.9 X 11.2	5.9	7.1	0.71-1.63	0.71-1.63
No.6 (Self Tapper)	11.2 X 16.5	7.1	7.9	0.91-2.03	
No.8 (Self Tapper)	11.2 X 16.5				
No.10 (Self Tapper)	12.7 X 19.8				

Kit contents:		Type	Qty	Type	Qty	Type	Qty
		M4	50	No.4	100	No.4	50
		2BA	50	No.4	100	No.4	50

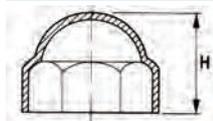
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**100 Per Pack**

Type	Order Code	Price Per Pack
M4	722-4758	2.57
No.4 (Self Tapper)	722-4771	2.94
No.6 (Self Tapper)	722-4783	3.11
No.8 (Self Tapper)	722-4795	2.47
No.10 (Self Tapper)	722-4801	3.38
Kit	722-4813	Price Per Kit 19.06

**Screw & Nut Covers**

**Hexagon Nut and Screw Head Covers**



This part has a circular external form and a hexagonal internal form and is suitable for Hexagon Head screws and nuts.



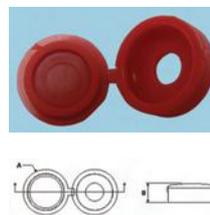
- Protects and gives a neat finish to exposed metal hexagon nuts and screw heads
- Quick and simple to install

521966

Colour	Nominal Thread Size	Across Flats Hexagon	Height (H)	Mfrs. List No.	Order Code	Price Each		
						1+	5+	10+
Black	M4	6.9	8.7	D01292	163-9575	3.99	3.78	3.60
Black	M5	7.9	10.7	D01293	163-9576	3.69	3.51	3.34
Black	M6	9.8	13	D01294	163-9577	2.30	2.17	2.07
Black	M8	13.0	15	D01295	163-9578	2.64	2.51	2.39
Black	M10	16.7	19.5	D01296	163-9579	3.57	3.39	3.22
Black	M12	18.7	21.5	D01297	163-9580	4.13	3.93	3.73
White	M4	6.9	8.7	D01298	163-9581	4.49	4.26	4.05
White	M5	7.8	10.7	D01299	163-9582	4.32	4.09	3.89
White	M6	9.8	13	D01300	163-9583	2.30	2.17	2.07
White	M8	13.0	15	D01301	163-9585	2.64	2.51	2.39
White	M10	16.7	19.5	D01302	163-9586	3.57	3.39	3.22
White	M12	18.7	21.5	D01303	163-9587	4.13	3.93	3.73

41

**Hinged Screw Covers**



- All-in-one base and cover
- Cap snaps into base to give a neat and decorative finish
- Available in matt finish only

522114

Colour	Screw Size	A	B	Mfrs. List No.	Order Code	Price Each		
						1+	5+	10+
Black	M3/M4 & No4	11.5	5.0	D01304	163-9588	3.64	3.46	3.28
Black	M4/M5 & No8/No10	13.7	5.5	D01305	163-9589	3.83	3.63	3.45
Black	M6 & 1/4"	17.4	6.5	D01306	163-9590	3.95	3.75	3.56
White	M3/M4 & No4	11.5	5.0	D01307	163-9591	3.64	3.46	3.28
White	M4/M5 & No8/No10	13.7	5.5	D01308	163-9592	3.83	3.63	3.45
White	M6 & 1/4"	17.4	6.5	D01309	163-9593	3.95	3.75	3.56
Red	M3/M4 & No4	11.5	5.0	D01310	163-9594	3.64	3.46	3.28
Red	M4/M5 & No8/No10	13.7	5.5	D01311	163-9595	3.83	3.63	3.45
Red	M6 & 1/4"	17.4	6.5	D01312	163-9597	3.95	3.75	3.56
Green	M6 & 1/4"	11.5	5.0	D01313	163-9598	3.64	3.46	3.28
Green	M4/M5 & No8/No10	13.7	5.5	D01314	163-9599	3.83	3.63	3.45
Green	M6 & 1/4"	17.4	6.5	D01315	163-9600	3.95	3.75	3.56

**Pop-On Screw Covers**



## Screw &amp; Nut Covers - continued

## Pop-On Screw Covers - continued



- Can also be used with No 4, 6, 8, 10 and s - 20 screws.
- Allow approximately 0.50 extra for assembled height

522118

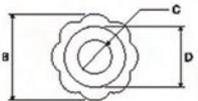
Colour	Screw Size	A	B	Mftrs. List No.	Order Code	Price Each		
						1+	5+	10+
Black	M3/M4	12.7	5.1	D01316	163-9601●	2.60	2.47	2.35
Black	M4/M5	16.0	6.5	D01317	163-9603●	2.69	2.56	2.43
Black	M6	17.8	6.6	D01318	163-9604●	2.46	2.34	2.22
White	M3/M4	12.7	5.1	D01319	163-9605●	2.60	2.47	2.35
White	M4/M5	16.0	6.5	D01320	163-9606●	2.69	2.56	2.43
White	M6	17.8	6.6	D01321	163-9607●	2.46	2.34	2.22
Red	M3/M4	12.7	5.1	D01322	163-9608●	2.60	2.47	2.35
Red	M4/M5	16.0	6.5	D01323	163-9609●	2.69	2.56	2.43
Red	M6	17.8	6.6	D01324	163-9610●	2.46	2.34	2.22
Green	M6 & 1/4"	12.7	5.1	D01325	163-9611●	2.60	2.47	2.35
Green	M4/M5	16.0	6.5	D01326	163-9612●	2.69	2.56	2.43
Green	M6	17.8	6.6	D01327	163-9613●	2.46	2.34	2.22

## Pop-On Screw Covers Bases

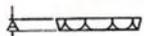
DURATOOL



New



- Pop-on screw covers and bases may be used with: flat head nails, countersunk screws, self tapping screws, rivets, drive screws, machine screws, washer faced screws and other types of fasteners
- Cover locks firmly onto base to provide a neat and decorative finish



Screw Size	Order Code	To Fit Pop-on Screw Covers	A	B	C	D
M3.5 & No6 Pan	163-9616	1639601-1639611	2.9	10.5	3.8	7.0
M3/M4 & No4/No8 CSK	163-9617	1639601-1639611	2.9	10.5	3.8	-
M4 & No8 Pan	163-9618	1639603-1639612	3.2	12.7	4.5	9.3
M5 & No10 Pan	163-9619	1639603-1639612	3.2	12.8	5.0	9.3
M4/M5 & No8/No10 CSK	163-9620	1639603-1639612	3.2	12.8	5.0	-
M6 & 1/4" Pan	163-9621	1639604-1639613	3.2	15.7	6.2	12.4
M6 & 1/4" CSK	163-9622	1639604-1639613	3.3	15.7	6.2	-

522140

Colour	Screw Size	Mftrs. List No.	Order Code	Price Each		
				1+	5+	10+
Natural	M3 & No 4 Pan	D01328	163-9615●	1.58	1.50	1.42
Natural	M3.5 & No6 Pan	D01329	163-9616●	1.58	1.50	1.42
Natural	M3/M4 & No4/No8 CSK	D01330	163-9617●	1.58	1.50	1.42
Natural	M4 & No8 Pan	D01331	163-9618●	1.67	1.59	1.51
Natural	M5 & No10 Pan	D01332	163-9619●	1.67	1.59	1.51
Natural	M4/M5 & No8/No10 CSK	D01333	163-9620●	3.17	3.02	2.87
Natural	M6 & 1/4" Pan	D01334	163-9621●	2.05	1.94	1.85
Natural	M6 & 1/4" CSK	D01335	163-9622●	2.05	1.94	1.85

## Washers

## Form A Brass Washer Nickel Plated

DURATOOL



BS 4320 Form A Brass washers. Standard washer for protection of mating material and spreading the clamp load. Nickel plated finish.

47770

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	142-0813●	2.08	2.02	1.96	1.91
M3	100	142-0814●	3.81	3.69	3.58	3.48
M4	100	142-0815●	5.07	4.91	4.76	4.62
M5	100	142-0816●	7.16	6.94	6.73	6.54
M6	100	142-0817●	7.85	7.62	7.39	7.17

## Crinkle Washers - Beryllium Copper

DURATOOL



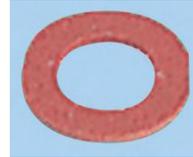
- Manufactured in accordance with BS4463

213973

Thread	Pack Qty	Order Code	Price Per Pack
M2.5	100	451-174	1.14
M3	100	451-186	1.39
M6	50	451-216	2.71
M6	50	451-216	2.71

## Red Fibre Washers

DURATOOL



Vulcanised red fibre washers ranging in size from M2.5 to M12. BS 6091 IEC 6671-2-3 (formerly DIN 7737)

508839

Thread	Pack Qty	Internal (mm)	Order Code	Price Per Pack			
				1+	5+	10+	25+
M2.5	5	2.8	158-0679●	1.10	1.05	1.00	0.95
M3	7	3.4	158-0680●	1.47	1.40	1.33	1.26
M4	8.8	4.5	158-0682●	1.72	1.64	1.56	1.48
M5	10	5.5	158-0683●	1.81	1.70	1.62	1.54
M6	12.7	6.7	158-0684●	2.65	2.52	2.40	2.28
M8	17	8.5	158-0685●	4.05	3.85	3.65	3.48
M10	20.6	10.08	158-0686●	4.51	4.27	4.07	3.86
M12	24	13	158-0687●	7.16	6.80	6.46	6.14

## Crinkle Washers - Stainless Steel

DURATOOL



- Excellent anti-corrosion properties
- High resistance to permanent set under compression
- Ideal for use as vibration-proof locking washers
- Does not mark or damage panel surfaces

513833

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	161-3999	1.23			
M2.5	100	161-4000	1.23			
M3	100	161-4001	1.05			
M3.5	100	161-4002	1.73			
M4	100	161-4003	1.88			
M5	100	161-4004	3.02			
M6	100	161-4005	3.28			
M8	100	161-4006	6.39			

## Flat Washers

DURATOOL

## Form A Bright Zinc Plated



Din 125 A Form A steel washers. Standard washer for protection of mating material and spreading the clamp load. Bright Zinc plated.

518941

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	162-3985	0.66	0.64	0.62	0.60
M2.5	100	162-3986	0.77	0.75	0.72	0.69
M3	100	162-3987	0.67	0.65	0.63	0.61
M3.5	100	162-3988	0.67	0.65	0.63	0.61
M4	100	162-3991	0.69	0.67	0.65	0.63
M5	100	162-3992	0.73	0.71	0.69	0.67
M6	100	162-3993	0.97	0.94	0.91	0.89
M8	100	162-3994	1.63	1.58	1.54	1.49
M10	100	162-3995	2.75	2.67	2.59	2.51

## Form A A2 Stainless Steel Washer

DURATOOL



Din 125A Form A Grade A2 (18/8) Stainless Steel washers. Standard washer for protection of mating material and spreading the clamp load. Corrosion resistant under normal atmospheric conditions.

518943

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	162-3996	1.18	1.15	1.11	1.08
M2.5	100	162-3997	1.24	1.20	1.17	1.13
M3	100	162-3998	1.20	1.16	1.13	1.10
M4	100	162-3999	1.27	1.22	1.19	1.15
M5	100	162-4000	1.58	1.53	1.49	1.44
M6	100	162-4001	1.71	1.66	1.61	1.56
M8	100	162-4002	1.83	1.78	1.71	1.66
M10	100	162-4004	2.72	2.64	2.56	2.49
M12	100	162-4005	4.98	4.83	4.68	4.54

## Steel Mudguard Washers

Bright Zinc Plated



Steel mudguard washers. Also known as penny washers, the oversize outside diameter gives extensive spread of the clamp load. Bright Zinc plated.

518995

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M5 x 20mm	100	162-4006	3.06	2.97	2.88	2.80
M5 x 25mm	100	162-4007	3.47	3.37	3.26	3.16
M6 x 25mm	100	162-4008	2.96	2.87	2.79	2.70
M6 x 25mm	100	162-4009	3.37	3.26	3.16	3.07
M6 x 30mm	100	162-4010	4.69	4.55	4.42	4.28
M6 x 40mm	100	162-4011	6.10	5.92	5.74	5.57
M8 x 25mm	100	162-4013	2.03	1.97	1.91	1.86
M8 x 30mm	100	162-4014	4.69	4.55	4.42	4.28
M8 x 40mm	100	162-4016	6.32	6.13	5.95	5.77
M8 x 50mm	100	162-4017	13.26	12.86	12.48	12.10
M10 x 25mm	100	162-4018	3.72	3.61	3.50	3.40
M10 x 30mm	100	162-4019	4.79	4.65	4.51	4.38
M10 x 40mm	100	162-4020	6.32	6.13	5.95	5.77
M10 x 40mm	100	162-4021	10.71	10.39	10.08	9.77

## Single Coil Spring Washers

Bright Zinc Plated



BS 4464 Type A mild steel single coil spring washers. As the spring is compressed it exerts a locking pressure on the nut. Bright Zinc plated.

519013

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	162-4022	2.03	1.97	1.91	1.86
M2.5	100	162-4023	0.63	0.61	0.59	0.58
M3	100	162-4024	0.51	0.50	0.48	0.47
M3.5	100	162-4025	0.63	0.61	0.59	0.58
M4	100	162-4026	0.55	0.53	0.52	0.50
M5	100	162-4028	0.71	0.69	0.67	0.65
M6	100	162-4029	0.76	0.73	0.71	0.69
M8	100	162-4030	1.73	1.68	1.63	1.58
M10	100	162-4031	1.99	1.93	1.87	1.82
M12	100	162-4032	1.99	1.93	1.87	1.82
M16	100	162-4033	3.89	3.77	3.65	3.55

## Single Coil Spring Washers

A2 Stainless Steel



BS 4464 Type A Grade A2 (18/8) Stainless Steel single coil spring washers. As the spring is compressed it exerts a locking pressure on the nut. Corrosion resistant under normal atmospheric conditions.

519029

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	162-4034	1.40	1.36	1.32	1.28
M2.5	100	162-4035	1.51	1.47	1.42	1.38
M3	100	162-4036	1.33	1.29	1.24	1.21
M3.5	100	162-4037	1.40	1.36	1.32	1.28
M4	100	162-4038	0.96	0.93	0.90	0.88
M5	100	162-4041	1.37	1.33	1.29	1.24
M6	100	162-4042	1.54	1.49	1.45	1.41
M8	100	162-4043	2.42	2.35	2.28	2.20
M10	100	162-4044	4.12	4.00	3.88	3.76

## Shakeproof Washers

Internal toothed Bright Zinc Plated



Din 67975 mild steel internal toothed locking washers. Under locking pressure the teeth are forced into the mating product to provide a locking feature. Bright Zinc plated.

519032

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	162-4045	1.12	1.09	1.05	1.02
M2.5	100	162-4046	0.97	0.94	0.91	0.89
M3	100	162-4047	0.94	0.91	0.89	0.86
M3.5	100	162-4048	1.05	1.02	0.99	0.96
M4	100	162-4049	0.93	0.90	0.88	0.85
M5	100	162-4050	0.90	0.87	0.85	0.82
M6	100	162-4051	0.92	0.89	0.87	0.84
M8	100	162-4053	1.32	1.28	1.23	1.20
M10	100	162-4054	1.94	1.88	1.83	1.77

## Shakeproof Washers

Internal toothed A2 Stainless Steel



Din 67975 Grade A2 (18/8) Stainless Steel internal toothed locking washers. Under locking pressure the teeth are forced into the mating product to provide a locking feature. Better corrosive resistance to aggressive media such as chlorides.

519037

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2	100	162-4055	2.23	2.16	2.10	2.04
M2.5	100	162-4056	2.49	2.42	2.35	2.28
M3	100	162-4057	2.61	2.53	2.46	2.39
M3.5	100	162-4058	3.12	3.03	2.94	2.85
M4	100	162-4059	3.17	3.08	2.99	2.90
M5	100	162-4060	3.35	3.24	3.15	3.05
M6	100	162-4061	3.63	3.52	3.42	3.32
M8	100	162-4062	6.36	6.16	5.98	5.80
M10	100	162-4063	9.89	9.60	9.31	9.03
M12	100	162-4065	12.45	12.08	11.72	11.36

## Shakeproof Washers

Internal toothed A4 Stainless Steel



Din 67975 Grade A4 ("acid proof") Stainless Steel internal toothed locking washers. Under locking pressure the teeth are forced into the mating product to provide a locking feature. Better corrosive resistance to aggressive media such as chlorides.

519096

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M3	100	162-4066	3.27	3.17	3.08	2.99
M4	100	162-4067	3.44	3.34	3.23	3.14
M5	100	162-4068	4.97	4.81	4.67	4.53
M6	100	162-4069	6.41	6.21	6.03	5.85
M8	100	162-4070	14.77	14.33	13.89	13.48

## Shakeproof Washers

External toothed Bright Zinc Plated



Din 6797 mild steel external toothed locking washers. Under locking pressure the teeth are forced into the mating product to provide a locking feature. Bright Zinc plated.



Washers - continued

Shakeproof Washers - continued

External toothed Bright Zinc Plated - continued

519107

Thread	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2.5	100	162-4071	1.00	0.97	0.94	0.91
M3	100	162-4072	0.57	0.55	0.54	0.52
M4	100	162-4073	0.59	0.57	0.56	0.54
M5	100	162-4074	0.71	0.69	0.67	0.65
M6	100	162-4075	0.90	0.87	0.85	0.82

Crinkles Washers - Stainless Steel



- Excellent anti-corrosion properties
- High resistance to permanent set under compression
- Ideal for use as vibration-proof locking washers
- Does not mark or damage panel surfaces

519144

Thread	Pack Qty	Order Code	Price Per Pack
M2	100	161-3999	1.23
M2.5	100	161-4000	1.23
M3	100	161-4001	1.05
M3.5	100	161-4002	1.73
M4	100	161-4003	1.88
M5	50	161-4004	3.02
M6	50	161-4005	3.28
M8	50	161-4006	6.39

Solder Tags



Solder Tags



- Tinned, brass

213922

100 Per Pack

Metric	Thread	Order Code	Price Per Pack
Metric	M2.5	101-483●	3.43
	M3	101-481●	3.04
	M4	101-479●	5.13
BA	6BA	101-235●	3.60
	4BA	101-237●	3.48
	2BA	149-999●	5.11

Self Tapping Screws

Self Tapping Screws

Recessed Pan Head Type AB  
Bright Zinc Plated



Mild steel self tapping screws. Recessed pan head, type AB (gimlet point). Will tap and form their own threads into mating material. Bright Zinc plated.

481186

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
No.4 X 1/4"	100	142-0498●	2.23	2.17	2.10	2.04
No.4 X 3/8"	100	142-0499●	2.35	2.26	2.20	2.13
No.4 X 1/2"	100	142-0500●	2.40	2.33	2.24	2.18
No.6 X 1/4"	100	142-0502●	2.60	2.53	2.45	2.38
No.6 X 3/8"	100	142-0503●	2.70	2.62	2.55	2.47
No.6 X 1/2"	100	142-0504●	2.93	2.85	2.74	2.66
No.6 X 5/8"	100	142-0505●	3.05	2.96	2.88	2.77
No.6 X 3/4"	100	142-0506●	3.26	3.17	3.07	2.99
No.6 X 1"	100	142-0507●	3.42	3.31	3.21	3.11
No.8 X 3/8"	100	142-0508●	3.14	3.05	2.96	2.88
No.8 X 1/2"	100	142-0509●	3.28	3.19	3.09	3.00
No.8 X 5/8"	100	142-0510●	3.46	3.35	3.24	3.15
No.8 X 3/4"	100	142-0511●	3.46	3.35	3.24	3.15
No.8 X 1"	100	142-0512●	4.70	4.56	4.43	4.29
No.8 X 1.1/4"	100	142-0104●	2.29	2.21	2.15	2.09
No.8 X 1.1/2"	100	142-0105●	2.60	2.53	2.45	2.38
No.8 X 2"	100	142-0514●	6.22	6.04	5.86	5.68
No.10 X 3/8"	100	142-0106●	2.03	1.97	1.91	1.86
No.10 X 1/2"	100	142-0107●	1.90	1.85	1.78	1.72
No.10 X 3/4"	100	142-0109●	2.35	2.26	2.20	2.13
No.10 X 1"	100	142-0515●	5.22	5.07	4.91	4.76
No.10 X 1.1/4"	100	142-0110●	2.97	2.88	2.79	2.70
No.10 X 1.1/2"	100	142-0111●	3.59	3.49	3.39	3.27
No.12 X 3/4"	100	142-0113●	4.28	4.16	4.04	3.92

Self Tapping Screws

Recessed Pan Head Type AB  
Chemically Blacked



Mild steel self tapping screws. Recessed pan head, type AB (gimlet point). Will tap and form their own threads into mating material. Chemically blacked.

481175

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
No.4 X 1/4"	100	142-0516●	1.56	1.52	1.47	1.43
No.4 X 3/8"	100	142-0517●	1.61	1.56	1.52	1.47
No.4 X 1/2"	100	142-0518●	2.40	2.33	2.24	2.18
No.6 X 1/4"	100	142-0519●	2.60	2.53	2.45	2.38
No.6 X 3/8"	100	142-0520●	2.81	2.72	2.64	2.56
No.6 X 1/2"	100	142-0521●	3.16	3.07	2.98	2.89
No.6 X 3/4"	100	142-0522●	4.14	4.02	3.90	3.77
No.8 X 3/8"	100	142-0523●	4.14	4.02	3.90	3.77
No.8 X 1/2"	100	142-0524●	4.78	4.64	4.51	4.37
No.8 X 3/4"	100	142-0526●	5.77	5.60	5.43	5.27

Self Tapping Screws

Recessed Countersunk Head Type AB  
Bright Zinc Plated



Mild steel self tapping screws. Recessed countersunk head, type AB (gimlet point). Will tap and form their own threads into mating material. Bright Zinc plated.

481148

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
No.4 X 1/4"	100	142-0487●	2.06	2.00	1.94	1.89
No.4 X 3/8"	100	142-0488●	2.19	2.13	2.07	2.01
No.4 X 1/2"	100	142-0489●	2.35	2.26	2.20	2.13
No.6 X 3/8"	100	142-0490●	2.65	2.57	2.50	2.43
No.6 X 1/2"	100	142-0491●	2.75	2.67	2.59	2.52
No.6 X 3/4"	100	142-0492●	3.02	2.93	2.85	2.75
No.6 X 1"	100	142-0493●	3.33	3.22	3.13	3.04
No.8 X 1/2"	100	142-0494●	3.22	3.13	3.04	2.95
No.8 X 3/4"	100	142-0496●	3.54	3.44	3.33	3.22
No.8 X 1"	100	142-0497●	4.01	3.89	3.76	3.65

Self Tapping Screws

A2 Stainless Steel Recessed Pan Head Type AB



Grade A2 (18/8) Stainless Steel self tapping screws. Recessed pan head, type AB (gimlet point). Will tap and form their own threads into mating material. Corrosion resistant under normal atmospheric conditions.

481173

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
No.4 X 1/4"	100	142-0527●	3.39	3.27	3.18	3.09
No.4 X 3/8"	100	142-0528●	3.30	3.19	3.10	3.01
No.4 X 1/2"	100	142-0529●	4.73	4.59	4.46	4.32
No.6 X 3/8"	100	142-0531●	4.01	3.89	3.76	3.65
No.6 X 1/2"	100	142-0532●	4.78	4.64	4.51	4.37
No.6 X 3/4"	100	142-0533●	5.05	4.89	4.74	4.61
No.6 X 1"	100	142-0534●	5.77	5.60	5.43	5.27
No.6 X 1.1/4"	100	142-0114●	6.12	5.93	5.75	5.59
No.8 X 3/8"	100	142-0535●	5.64	5.48	5.30	5.15
No.8 X 1/2"	100	142-0536●	5.18	5.03	4.88	4.73
No.8 X 3/4"	100	142-0538●	5.32	5.17	5.02	4.86
No.8 X 1"	100	142-0539●	8.43	8.18	7.93	7.69
No.8 X 1.1/4"	100	142-0115●	6.68	6.49	6.28	6.10
No.8 X 1.1/2"	100	142-0116●	9.34	9.06	8.79	8.53
No.10 X 1.1/4"	100	142-0117●	9.34	9.06	8.79	8.53
No.10 X 1.1/2"	100	142-0118●	7.03	6.81	6.61	6.41

Self Tapping Screws

Slotted Pan Head Type AB  
Bright Zinc Plated



Mild steel self tapping screws. Slotted pan head, type AB (gimlet point). Will tap and form own threads into mating material. Bright Zinc plated.

481276

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
No. 4 X 1/4"	100	141-9812	1.75	1.70	1.65	1.60
No. 4 X 3/8"	100	141-9813	1.75	1.70	1.65	1.60
No. 4 X 1/2"	100	141-9814	1.75	1.70	1.65	1.60
No. 6 X 1/4"	100	141-9815	1.75	1.70	1.65	1.60
No. 6 X 3/8"	100	141-9816	2.00	1.94	1.89	1.83
No. 6 X 1/2"	100	141-9817	2.40	2.33	2.24	2.18
No. 8 X 1/2"	100	141-9818	2.60	2.53	2.45	2.38

**Pan / Countersunk Head**



- Hardened steel, zinc plated
- Thread forming trilobular designed for use in plastic
- Ideal for Nylon, acetal, ABS. Some glass filled Nylons
- Suitable for use in predrilled or moulded holes

**Recommended Pilot Hole**

Screw Size	Drill Size Soft Plastic	Drill Size Hard Plastic
No. 4	2.5mm	2.7mm
No. 6	3.1mm	3.2mm
No. 8	3.7mm	4.0mm

496948

100 Per Box		Length (mm)	Order Code	Price Per Box 1+
Pan Head	Length (in)			
No. 4	1/8"	9.5	593-412	2.85
	1/2"	13	593-424	2.96
No. 6	1/8"	13	593-461	2.75
	1/2"	9.5	593-503	3.13
No. 8	1/8"	13	593-515	3.54
	1/2"			
<b>Countersunk</b>				
No. 4	1/8"	9.5	593-539	2.96
No. 6	1/8"	9.5	593-540	2.99

**Taptite Screws**



**Pan Head, Pozidriv Recessed Pan Head Bright Zinc Plated**



Mild steel recessed pan head trilobular threadforming screws. Bright Zinc plated and lanolin dipped for ease of application.

481209

Thread x Length	Pack Qty	Order Code	Price Per Pack			
			1+	5+	10+	25+
M2.5 X 6mm	100	142-0119	2.75	2.67	2.59	2.52
M3 X 5mm	100	142-0120	2.65	2.57	2.50	2.43
M3 X 6mm	100	142-0121	2.65	2.57	2.50	2.43
M3 X 8mm	100	142-0122	2.75	2.67	2.59	2.52
M3 X 10mm	100	142-0123	2.87	2.77	2.69	2.61
M3 X 12mm	100	142-0125	2.87	2.77	2.69	2.61
M3.5 X 6mm	100	142-0126	2.97	2.88	2.79	2.70
M3.5 X 8mm	100	142-0127	2.97	2.88	2.79	2.70
M4 X 12mm	100	142-0128	3.59	3.49	3.39	3.27
M4 X 16mm	100	142-0129	3.79	3.68	3.57	3.47
M5 X 16mm	100	142-0130	4.95	4.79	4.65	4.52
M6 X 12mm	100	142-0131	6.14	5.95	5.77	5.60

**General Purpose Screws**

**Tri-Lock™ Multi Purpose Screw**

For use with Masonry. Hardwood. Softwood. Sheet Steel. Fibre Boards. Plastic.



**Tri - Lock™ Threadform.** Three flats on thread means less surface contact between screw and material when driven in.



Cross Recess Industry standard - no searching for a driver bit. Swift & easy bit location. Part Thread Eliminates jacking where a full threaded screw tends to pull apart the jointed material.

Finish Available ex-stock in Net-Coat™ yellow plated, other coatings available to order

Single Coarse Thread Drives in without reaming a hole in the material, enabling a swift efficient fix with high pullout retention.

**Twin Thread**

Penetrates the dense surface and balances the screw with two points of pickup that start right at the tip of the screw.

Ribs Cutting edge ribs ream and self - countersink the screw.

**Collar**

Gives strength to the most vulnerable point of the screw.

CPT™ Hardened Permeated case with through hardening allows the perfect balance between core ductility and surface toughness - with the strength of a high tensile bolt the screw will not snap.

**Masonry**

No plastic plug required, just a pilot hole 1mm less than the screw. (i.e. - 6mm Screw-Tite® = 5mm hole)

523658

Description	Box Qty	Mfrs. List No.	Order Code	Price Each		
				1+	5+	10+
SCREW, POZI CSK, M3 X 16MM	200	TFST03016	164-5743	1.72	1.64	1.55
SCREW, POZI CSK, M3 X 20MM	200	TFST03020	164-5744	1.75	1.67	1.58
SCREW, POZI CSK, M4 X 30MM	200	TFST04030	164-5745	2.37	2.25	2.14
SCREW, POZI CSK, M4 X 40MM	200	TFST04040	164-5746	3.01	2.87	2.72
SCREW, POZI CSK, M4 X 50MM	200	TFST04050	164-5747	3.61	3.43	3.26
SCREW, POZI CSK, M4 X 60MM	100	TFST04060	164-5748	2.16	2.05	1.95
SCREW, POZI CSK, M4 X 70MM	100	TFST04070	164-5749	2.52	2.39	2.28
SCREW, POZI CSK, M5 X 50MM	200	TFST05050	164-5750	5.17	4.91	4.66
SCREW, POZI CSK, M5 X 60MM	100	TFST05060	164-5751	2.98	2.83	2.69
SCREW, POZI CSK, M5 X 70MM	100	TFST05070	164-5752	3.59	3.42	3.24
SCREW, POZI CSK, M5 X 80MM	100	TFST05080	164-5753	4.37	4.15	3.94
SCREW, POZI CSK, M5 X 90MM	100	TFST05090	164-5755	4.39	4.17	3.96
SCREW, POZI CSK, M5 X 100MM	100	TFST05100	164-5756	6.16	5.85	5.56
SCREW, POZI CSK, M6 X 60MM	100	TFST06060	164-5757	5.03	4.78	4.54
SCREW, POZI CSK, M6 X 70MM	100	TFST06070	164-5758	5.82	5.53	5.25
SCREW, POZI CSK, M6 X 80MM	100	TFST06080	164-5759	6.65	6.31	5.99
SCREW, POZI CSK, M6 X 100MM	50	TFST06100	164-5760	3.97	3.78	3.58

**Intersets**



**Intersets**



The high performance cavity fixing for plasterboard, hardboard and hollow doors. It fixes heavy objects securely on soft faced partition boards and both screw and fixture can be demounted and reused. Setting tool available for fast repetitive fixing. Typical applications; radiators, securing electrical fittings and heaters, sanitary ware and fixing shelf racking.

41

Thread Size	Board Thickness Range (mm)	Drill Size (mm)	Order Code	Price Each			
				1+	5+	10+	25+
M4 x 20	2 - 6	7	144-0477	0.25	0.24	0.23	0.22
M4 x 40	3 - 13	7	144-0478	0.25	0.24	0.23	0.22
M5 x 40	3 - 13	8	144-0479	0.30	0.29	0.28	0.27
M5 x 55	3 - 26	8	144-0480	0.35	0.34	0.33	0.32
M6 x 55	13 - 26	10	144-0481	0.50	0.49	0.47	0.46

**Setting Tool**



Order Code	Price Each			
	1+	5+	10+	25+
144-0447	26.59	25.00	23.94	23.21

**Self-drill plasterboard fixing**



Fast and simple fixing with no drilling required for plasterboard 9.5 to 13mm, for securing hooks, brackets, wall and ceiling lights, picture frames etc. Simply position and screw in fixing until flush with base material, place fixture in position, insert screw and tighten until secure. Complete with panhead screws.

## Intersets - continued

## Intersets - continued

## Setting Tool - continued

488831

Pack Qty	Order Code	1+	5+	10+	25+
100	144-0535	12.32	11.95	11.59	11.24

Expanding Bolt Fixings  
Loose Bolt Type

FRAWLPLUG



Suitable for use when the bolt needs to be inserted after the fixture has been positioned: heavy machinery, crash barriers, seating, balustrading, scaffolding, industrial doors, heavy switch gear, structural fixings, etc.

488911

Bolt Size	Max. Fixing Thickness (mm)	Hole Diameter (mm)	Order Code	1+	5+	10+	25+
M6	10	12	144-0394	1.07	1.03	1.00	0.98
M6	25	12	144-0395	1.23	1.16	1.11	1.08
M6	40	12	144-0396	0.62	0.60	0.58	0.55
M8	10	14	144-0397	1.45	1.36	1.31	1.26
M8	25	14	144-0398	1.51	1.42	1.36	1.32
M8	40	14	144-0399	1.59	1.50	1.43	1.39
M10	10	16	144-0400	1.94	1.82	1.74	1.69
M10	25	16	144-0401	2.00	1.87	1.79	1.73
M10	50	16	144-0402	2.12	1.99	1.90	1.85
M10	75	16	144-0403	1.60	1.55	1.51	1.47
M12	10	20	144-0404	2.77	2.61	2.50	2.42
M12	25	20	144-0405	3.06	2.87	2.76	2.67
M12	40	20	144-0406	3.19	3.00	2.87	2.79
M12	60	20	144-0407	2.45	2.38	2.30	2.24
M16	15	25	144-0409	4.54	4.40	4.28	4.14
M16	30	25	144-0411	4.98	4.83	4.69	4.55
M16	60	25	144-0412	5.35	5.20	5.04	4.89
M20	60	32	144-0413	6.31	6.12	5.94	5.75
M20	100	32	144-0414	9.51	9.23	8.95	8.67

Expanding Bolt Fixings  
Bolt Projecting Type

FRAWLPLUG



Suitable for both wall and overhead fixings. During wall fixing the fixture may be hung on the stud while applying the washer and nut. Trunking, cable trays, radiator brackets, suspended ceilings, wall plates, partitioning ducting, lift guides, structural fixings, etc.

488926

Bolt Size	Max. Fixing Thickness (mm)	Hole Diameter (mm)	Order Code	1+	5+	10+	25+
M6	10	12	144-0415	0.98	0.95	0.93	0.89
M6	25	12	144-0416	1.12	1.09	1.05	1.02
M6	60	12	144-0417	1.37	1.29	1.23	1.20
M8	10	14	144-0418	0.90	0.87	0.85	0.83
M8	25	14	144-0419	1.47	1.37	1.31	1.28
M8	60	14	144-0420	1.57	1.47	1.41	1.36
M10	15	16	144-0422	2.01	1.88	1.80	1.76
M10	30	16	144-0423	2.08	1.95	1.87	1.81
M10	60	16	144-0424	2.08	1.96	1.88	1.83
M12	15	20	144-0425	2.81	2.64	2.53	2.46
M12	30	20	144-0426	3.23	3.03	2.91	2.82
M12	75	20	144-0427	3.95	3.72	3.56	3.46
M16	35	25	144-0428	4.77	4.63	4.49	4.36

## Help us to help the environment



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Through Bolt Expanding Bolt Fixings  
Plated Bolt

FRAWLPLUG



Low cost, designed for indoor work or non-corrosive outdoor applications.

The simplest, quickest bolt fixing available. The mounting hole is drilled through the fixture thus eliminating the need for marking out. Ideal for securing heavy or awkward fixtures to concrete and stone, (with a minimum strength 20N/mm<sup>2</sup>) particularly where high shear load capabilities are required. BBA approved.

488936

Bolt Size	Max. Fixing Thickness (mm)	Hole Diameter (mm)	Order Code	1+	5+	10+	25+
M6	12	6.5	144-0429	0.37	0.36	0.35	0.34
M6	36	6.5	144-0430	0.38	0.37	0.36	0.35
M8	15	9	144-0431	0.40	0.39	0.38	0.37
M8	40	9	144-0432	0.40	0.39	0.38	0.37
M10	5	11	144-0434	0.51	0.50	0.48	0.47
M10	16	11	144-0435	0.55	0.53	0.52	0.50
M10	32	11	144-0436	0.58	0.56	0.55	0.53
M10	52	11	144-0437	0.68	0.66	0.64	0.62
M12	5	13	144-0438	0.55	0.54	0.52	0.50
M12	24	13	144-0439	0.71	0.69	0.67	0.65
M12	44	13	144-0440	0.82	0.80	0.76	0.74
M12	58	13	144-0441	0.92	0.89	0.87	0.84
M12	73	18	144-0442	0.75	0.73	0.71	0.69
M16	5	18	144-0443	1.46	1.42	1.38	1.34
M16	40	22	144-0444	1.66	1.60	1.56	1.51
M20	40	22	144-0446	2.94	2.85	2.76	2.68

## Plastic Wall Plugs

## Plastic Wall Plugs

Polypropylene plugs for economic screw fixing in any sound brick, concrete or masonry base. Advanced design with four-way split, anti-rotation fins and profiled body for maximum grip.

374114

## Uncarded Wall Plugs

FRAWLPLUG



Packed 1000 per box, (10 uncarded clips of 100).  
\*Use 6.5mm drill for No 12 (5.5mm) screw

488855

Colour	Screw size	Length (mm)	Drill Size (mm)	Order Code	1+	5+	10+	25+
Yellow	4-10	25	5	144-0462	12.32	11.95	11.59	11.24
Red	6-12	35	6*	144-0463	14.09	13.66	13.25	12.86
Brown	10-14	45	7	144-0464	15.84	15.36	14.89	14.45

## Carded Wall Plugs

FRAWLPLUG



Packed 1000 per box, (carded in 100's)  
\*Use 6.5mm drill for No 12 (5.5mm) screw

488861

Colour	Screw size	Length (mm)	Drill Size (mm)	Order Code	1+	5+	10+	25+
Yellow	4-10	25	5	144-0465	12.32	11.95	11.59	11.24
Red	6-12	35	6*	144-0466	14.09	13.66	13.25	12.86
Brown	10-14	45	7	144-0467	15.84	15.36	14.89	14.45

## FREE global legislation support



RoHS, REACH, WEEE, EuP,  
Batteries Directive - we've got it covered at:  
[www.global-legislation.com](http://www.global-legislation.com)

Plastic Wall Plugs

**FRAWLPLUG**



For strong fixings in brickwork, blockwork and concrete. Consists of a tapered tube, split to allow expansion, and ribbed sides to prevent turning in the hole. Packed 100 per box.

488648

Colour	Screw Size	Length (mm)	Drill Size (mm)	Order Code	1+	5+	10+	25+
Green	4-8	20	4.5	144-0468	3.37	3.27	3.18	3.08
Pink	6-10	25	5.5	144-0471	3.76	3.64	3.54	3.44
Orange	8-12	25	6.5	144-0472	4.16	4.04	3.91	3.80
Grey	10-14	35	5.5	144-0473	4.48	4.34	4.21	4.09
White	8-12	35	6.5	144-0474	3.21	3.12	3.02	2.93
Blue	10-14	35	8	144-0475	5.70	5.54	5.36	5.21
Yellow	16-20	50	11	144-0476	5.70	5.54	5.36	5.21

**Kits**

Screw-Tite Kit, 1340 piece

For use with Masonary. Hardwood. Softwood. Sheet Steel. Fibre Boards. Plastic.



Kit Contents

3.5 x 16 350	3.5 x 20 300	4 x 25 150	4 x 30 130
4 x 40 100	4 x 50 80	4.5 x 60 60	4.5 x 70 50
5 x 80 50	5 x 100 40	5 x 90 30	

523669

	Mfrs. List No.	Order Code	1+	5+	10+
SCREW KIT, 1340PIECE	TFSTKIT1	164-5761	22.03	20.92	19.87

Socket Caps kit

Bright Zinc Plated

**DURATOOL**



**New**

This kit contains BZP socket cap screws ranging from M3 to M8 in size:-

- M3 x 8mm x 50 pcs
- M3 x 10mm x 50 pcs
- M3 x 16mm x 50 pcs
- M4 x 10mm x 25 pcs
- M4 x 16mm x 20 pcs
- M4 x 20mm x 20 pcs
- M4 x 30mm x 10 pcs
- M5 x 10mm x 15 pcs
- M5 x 16mm x 15 pcs
- M5 x 20mm x 15 pcs
- M5 x 30mm x 15 pcs
- M6 x 10mm x 20 pcs
- M6 x 16mm x 20 pcs
- M6 x 20mm x 20 pcs
- M6 x 25mm x 20 pcs
- M8 x 16mm x 10 pcs
- M8 x 20mm x 10 pcs
- M8 x 30mm x 10 pcs
- M8 x 40mm x 10 pcs
- M8 x 50mm x 10 pcs

493874

Order Code	1+	5+	10+
152-0247	26.68	25.89	25.10

Pozidriv Pan Head Machine Screw Kit

**DURATOOL**



- Steel and zinc plated
- Box size: 215 x 140 x 42mm with lugs on the lid for easy stacking with like boxes

This kit contains a selection of the most popular sizes:

Thread x Length	Qty	Thread x Length	Qty	Thread x Length	Qty
M3 x 8mm	100	M4 x 20mm	50	M5 x 20mm	50
M3 x 12mm	100	M4 x 25mm	50	M5 x 50mm	40
M3 x 20mm	50	M4 x 40mm	50	M6 x 30mm	25
				M6 x 50mm	25

484754

Quantity Per Kit	Order Code	1+	Price Per Kit	10+
540	146-6691	8.89		7.98

Hexagon Socket Countersunk Kit

Bright Zinc Plated

**DURATOOL**



**New**

This kit contains BZP hex socket countersunk screws ranging from M3 to M8 in size:-

- M3 x 8mm x 50 pcs
- M3 x 10mm x 50 pcs
- M3 x 12mm x 50 pcs
- M4 x 8mm x 25 pcs
- M4 x 10mm x 20 pcs
- M4 x 12mm x 20 pcs
- M4 x 16mm x 20 pcs
- M5 x 10mm x 15 pcs
- M5 x 12mm x 15 pcs
- M5 x 16mm x 15 pcs
- M5 x 20mm x 15 pcs
- M6 x 12mm x 20 pcs
- M6 x 16mm x 20 pcs
- M6 x 20mm x 20 pcs
- M6 x 25mm x 20 pcs
- M8 x 12mm x 15 pcs
- M8 x 16mm x 15 pcs
- M8 x 20mm x 15 pcs
- M8 x 25mm x 15 pcs
- M8 x 30mm x 15 pcs

493861

Order Code	1+	5+	10+
152-0241	44.05	42.73	41.45

Hexagon Socket Cap Kit

A2 Stainless Steel

**DURATOOL**



**New**

This kit contains A2 stainless steel hex socket cap screws ranging in size from M3 to M6:-

- M3 x 6mm x 50 pcs
- M3 x 8mm x 50 pcs
- M3 x 12mm x 50 pcs
- M4 x 8mm x 50 pcs
- M4 x 12mm x 75 pcs
- M4 x 20mm x 50 pcs
- M5 x 10mm x 30 pcs
- M5 x 12mm x 30 pcs
- M5 x 16mm x 30 pcs
- M5 x 20mm x 30 pcs
- M6 x 12mm x 25 pcs
- M6 x 16mm x 25 pcs
- M6 x 20mm x 25 pcs
- M6 x 25mm x 25 pcs

493853

Order Code	1+	5+	10+
152-0239	43.80	42.49	41.21

Hexagon Socket Button Kit

Bright Zinc Plated

**DURATOOL**



**New**

This kit contains hex socket button head screws ranging from M3 to M8 in size:-

- M3 x 8mm x 50 pcs
- M3 x 10mm x 50 pcs
- M3 x 12mm x 50 pcs
- M4 x 8mm x 25 pcs
- M4 x 10mm x 20 pcs
- M4 x 12mm x 20 pcs
- M4 x 16mm x 20 pcs
- M5 x 10mm x 15 pcs
- M5 x 12mm x 15 pcs
- M5 x 16mm x 15 pcs
- M5 x 20mm x 15 pcs
- M6 x 12mm x 20 pcs
- M6 x 16mm x 20 pcs
- M6 x 20mm x 20 pcs
- M6 x 25mm x 20 pcs
- M8 x 12mm x 20 pcs
- M8 x 16mm x 20 pcs
- M8 x 20mm x 20 pcs
- M8 x 25mm x 15 pcs

493866

Order Code	1+	5+	10+
152-0242	41.50	40.25	39.05

Over 480,000 products online



**Kits - continued**

**Countersunk Zinc Plated Twinthread Woodscrew Kit**



- Twin threaded woodscrews - For general purpose applications into both softwoods and some types of hardwood
- Steel, zinc plated and surface hardened to prevent torque shearing under load
- 25 degree sharp point and single leading thread for fast start
- 60 degree twin threads with parallel shank for faster insertion and greater pull out resistance
- Double countersink reduces likely hood of head shear
- Box size: 215x140x42mm with lugs on the lid for easy stacking with like boxes

Screw Size v Driver Size	
Gauge/mm	Driver Size
No. 4 (3mm)	PZ1
No. 6, 8, 10 (3.5, 4, 5mm)	PZ2

Gauge x Length	Qty	Gauge x Length	Qty	Gauge x Length	Qty
No. 4 x 3/4"	100	No. 8 x 1"	100	No. 10 x 1 1/2"	20
No. 6 x 1"	80	No. 8 x 1 1/4"	40	No. 10 x 2"	25
No. 6 x 1 1/4"	100	No. 8 x 1 1/2"	30	No. 10 x 2 1/2"	25
				No. 10 x 3"	20

484743

Quantity Per Kit	Order Code	1+	10+
540	146-6694●	8.26	7.62

**Flat Washer Kit A2 Stainless Steel**



This kit contains A2 stainless steel flat washers ranging in size from M2 to M12:-

- M2 x 300 pcs
- M2.5 x 300 pcs
- M3 x 400 pcs
- M4 x 200 pcs
- M5 x 200 pcs
- M6 x 150 pcs
- M8 x 80 pcs
- M10 x 80 pcs
- M12 x 80 pcs

493868

Order Code	1+	5+	10+
152-0243●	33.06	32.07	31.10

**Flat Washer Kit**



- Steel and zinc plated
- Box size: 215 x 140 x 42mm with lugs on the lid for easy stacking with like boxes

This kit contains a selection of the most popular sizes:

Thread	Qty	Thread	Qty	Thread	Qty
M4	200	M6	200	M10	100
M5	200	M8	100	M6 x 25	50
				M8 x 32	50

484749

Quantity Per Kit	Order Code	1+	10+
900	146-6693●	8.26	7.62

**Hexagon Nyloc Nuts Kit Bright Zinc Plated**



This kit contains BZP hex nyloc nuts ranging in size from M3 to M12:-

- M3 x 160 pcs
- M4 x 100 pcs
- M5 x 50 pcs
- M6 x 75 pcs
- M8 x 40 pcs
- M10 x 40 pcs
- M12 x 30 pcs

493871

Order Code	1+	5+	10+
152-0244●	17.12	16.61	16.11

**Hexagon Nyloc Nuts Kit A2 Stainless Steel**



This kit contains A2 stainless steel hex nyloc nuts ranging from M3 to M12 in size:-

- M3 x 160 pcs
- M4 x 100 pcs
- M5 x 100 pcs
- M6 x 70 pcs
- M8 x 50 pcs
- M10 x 35 pcs
- M12 x 30 pcs

493873

Order Code	1+	5+	10+
152-0245●	39.07	37.89	36.76

**Hex Full Nut Kit**



- Steel and zinc plated
- Box size: 215 x 140 x 42mm with lugs on the lid for easy stacking with like boxes

This kit contains a selection of the most popular sizes:

Thread	Qty	Thread	Qty	Thread	Qty
M3	200	M5	200	M8	100
M4	200	M6	200	M10	50
				M12	30

484747

Quantity Per Kit	Order Code	1+	10+
980	146-6692●	9.07	8.16

**Cage Nut Kit**



This kit contains M5 and M6 cage nuts and an insertion tool:-

- M5 Narrow x 50 pcs
- M5 Wide x 50 pcs
- M6 Narrow x 180 pcs
- M6 Wide x 180 pcs
- Insertion Tool

493860

Order Code	Price Per Kit		
	1+	5+	10+
152-0240●	42.86	41.58	40.34

**Pop Rivet Kit**



- Aluminium body, steel pin
- Box size: 215x140x42mm with lugs on the lid for easy stacking with like boxes

Head Size (mm)	Qty	Head Size (mm)	Qty
3.2 x 6	50	4 x 6	50
3.2 x 8	50	4 x 8	50
3.2 x 10	50	4 x 10	50
3.2 x 12	50	4 x 12	50

484752

Quantity Per Kit	Order Code	Price Per Kit	
		1+	10+
520	146-6695●	9.09	8.36

**Metric Nylon Screw Kit**



This screw kit contains a range of natural Nylon 6,6 screws, nuts and washers in various lengths of M3, M4 and M5 sizes which are suitable for a wide variety of applications. Nylon 6,6 has a short term working temperature of -40 to 100 °C and offers a good resistance to most solvents, aromatic hydrocarbons, dilute alkalis, detergents, oils, greases, and fats. It also offers a limited resistance to dilute acids.



The screw kit contains:-

- M4 x 8mm Countersunk Screw x 25 pcs
- M4 x 16mm Countersunk Screw x 25 pcs
- M5 x 16mm Countersunk Screw x 25 pcs
- M5 x 8mm Countersunk Screw x 25 pcs
- M3 x 6mm Cheese Head Slotted Screw x 25 pcs
- M3 x 12mm Cheese Head Slotted Screw x 25 pcs
- M3 x 25mm Cheese Head Slotted Screw x 25 pcs
- M4 x 6mm Cheese Head Slotted Screw x 25 pcs
- M4 x 12mm Cheese Head Slotted Screw x 25 pcs
- M4 x 25mm Cheese Head Slotted Screw x 25 pcs
- M5 x 6mm Cheese Head Slotted Screw x 25 pcs
- M5 x 12mm Cheese Head Slotted Screw x 25 pcs
- M5 x 25mm Cheese Head Slotted Screw x 25 pcs
- M3 Hex Nut x 25 pcs
- M4 Hex Nut x 25 pcs
- M5 Hex Nut x 25 pcs
- M3 Washer x 50 pcs
- M4 Washer x 50 pcs
- M5 Washer x 50 pcs

492375

Order Code	Price Per Kit		
	1+	5+	10+
151-4479●	22.56	21.88	21.24

**Metric Nylon Washer Kit**



This washer kit contains a range of nylon washers in 8 different sizes ranging from M2 to M10. The kit contains over 1,000 washers.

The washer kit contains:-

- M2 Washer x 250 pcs
- M2.5 Washer x 250 pcs
- M3 Washer x 200 pcs
- M4 Washer x 100 pcs
- M5 Washer x 50 pcs
- M6 Washer x 50 pcs
- M8 Washer x 15 pcs
- M10 Washer x 10 pcs



492385

Order Code	Price Per Kit		
	1+	5+	10+
151-4481●	29.13	28.25	27.42

**Metric Shoulder Washer Kit**



The shoulder washers in this kit provide electrical insulation for metal metric machine screws and help to prevent electrolytic corrosion. They can also be used as lightly loaded bearings. The kit provides washers suitable for machine screws ranging from M3 to M8 in size.



The shoulder washer kit contains:-

- M3 x 2mm Shoulder Washer x 25 pcs
- M3 x 3mm Shoulder Washer x 25 pcs
- M3 x 4mm Shoulder Washer x 25 pcs
- M3 x 6mm Shoulder Washer x 25 pcs
- M3 x 8mm Shoulder Washer x 25 pcs
- M3 x 10mm Shoulder Washer x 25 pcs
- M4 x 3mm Shoulder Washer x 25 pcs
- M4 x 5mm Shoulder Washer x 25 pcs
- M4 x 9mm Shoulder Washer x 25 pcs
- M5 x 3mm Shoulder Washer x 25 pcs
- M5 x 5mm Shoulder Washer x 25 pcs
- M5 x 9mm Shoulder Washer x 25 pcs
- M6 x 4mm Shoulder Washer x 25 pcs
- M6 x 8mm Shoulder Washer x 25 pcs
- M6 x 12mm Shoulder Washer x 25 pcs
- M8 x 4mm Shoulder Washer x 25 pcs
- M8 x 8mm Shoulder Washer x 25 pcs
- M8 x 12mm Shoulder Washer x 25 pcs

492387

Order Code	Price Per Kit		
	1+	5+	10+
151-4483●	27.87	27.03	26.21

**Panel Fasteners Kit**



This kit contains a selection of 18 types of nylon rivets and panel fasteners suitable for panel holes of up to 10.0mm and panel combinations of up to 33mm. Styles include the pine tree, the canoe, the push rivet and the drive rivet.



The panel fasteners kit contains:-

- Pine Tree Clip 3mm Hole x 25 pcs
- Pine Tree Clip 5mm Hole x 25 pcs
- Pine Tree Clip 6.35mm Hole x 25 pcs
- Pine Tree Clip 6.35mm Hole x 10 pcs
- Pine Tree Clip 7.01mm Hole x 10 pcs
- Pine Tree Clip 10.01mm Hole x 10 pcs
- Canoe Clip 3.45mm Hole x 25 pcs
- Multi Step Clip 4.75mm Hole x 25 pcs
- Multi Step Clip 5.54mm Hole x 25 pcs
- Fir Tree Clip 6mm Hole x 25 pcs
- Canoe Clip 6.35mm Hole x 25 pcs
- Push Rivet 3.1mm Hole x 25 pcs
- Push Rivet 4.1mm Hole x 25 pcs
- Push Rivet 5.1mm Hole x 25 pcs
- Push Rivet 6.1mm Hole x 25 pcs
- Drive Rivet 3mm Hole x 25 pcs
- Drive Rivet 4mm Hole x 25 pcs
- Drive Rivet 4.8mm Hole x 25 pcs

492386

Order Code	Price Per Kit		
	1+	5+	10+
151-4482●	37.45	36.33	35.24

**Dome Plug Kit**



This kit contains a range of 263 black Nylon 6,6 dome plugs in 18 different sizes for use in holes ranging from 4.8mm to 45.0mm in diameter. The dome plugs are suitable for panels varying in thickness from 1.6mm to 3.2mm.



The nylon 6,6 dome plugs have a short term working temperature of -40 to 100 °C and offer a good resistance to most solvents, aromatic hydrocarbons, dilute alkalis, detergents, oils, greases, and fats. They also offer a limited resistance to dilute acids.

The dome plug kit contains:-

- Dome Plug 4.8mm Hole x 30 pcs
- Dome Plug 6.4mm Hole x 30 pcs
- Dome Plug 8mm Hole x 30 pcs
- Dome Plug 9.5mm Hole x 30 pcs
- Dome Plug 11mm Hole x 30 pcs
- Dome Plug 12.7mm Hole x 25 pcs
- Dome Plug 14.3mm Hole x 15 pcs
- Dome Plug 15.9mm Hole x 15 pcs
- Dome Plug 17.5mm Hole x 10 pcs
- Dome Plug 19mm Hole x 10 pcs
- Dome Plug 20.6mm Hole x 10 pcs
- Dome Plug 22.2mm Hole x 8 pcs
- Dome Plug 25.4mm Hole x 5 pcs
- Dome Plug 27.8-28.6mm Hole x 5 pcs
- Dome Plug 32mm Hole x 4 pcs
- Dome Plug 35mm Hole x 3 pcs
- Dome Plug 38mm Hole x 2 pcs
- Dome Plug 45mm Hole x 1 pc

492384

Order Code	Price Per Kit		
	1+	5+	10+
151-4480●	30.87	29.95	29.05

**Kits - continued**

**Fasteners And Fixings**

**Circlip Kits**



- Carbon Steel
- Each kit contains a mix of 'E' type, internal and external circlips. Insert card detailing kit contents is supplied.

**Small Kit Contents: 890 Pieces in Total**

Type	Shaft Size	Quantity	Type	Bore Size	Quantity
External	3	100	Internal	8	30
External	4	60	Internal	10	30
External	5	60	Internal	12	30
External	6	50			
External	8	50			
External	10	30			
External	12	30			

**Small Kit Contents Continued**

Type	Groove Size	Quantity
E-Type	1.2	100
E-Type	1.5	80
E-Type	2.3	50
E-Type	3.2	50
E-Type	4	50
E-Type	5	30
E-Type	7	30
E-Type	9	30

**Large Kit Contents: 450 Pieces Total**

Type	Size	Quantity	Type	Size	Quantity
External	14	25	Internal	14	25
External	16	25	Internal	15	25
External	18	25	Internal	16	25
External	19	25	Internal	18	25
External	20	25	Internal	19	25
External	22	25	Internal	20	25
External	25	25	Internal	22	25
			Internal	25	25

**Large Kit Contents Continued**

Type	Size	Quantity
E-Type	10	25
E-Type	12	25
E-Type	15	25

496102

Description	Order Code	Price Each
		1+
Small kit	716-3009	27.74
Large kit	716-3010	30.13

**Handipack**



- Convenient pack of 10m banding and 25 housings and screws
- 11mm wide pliable banding with slotted screws
- Easily cut to size and assembled on site
- Zinc-plated for long-lasting protection
- All 304 stainless steel for hostile environments
- Both materials ideal for the heating/ventilation trades



496290

Description	Order Code	Price Each
		1+
Steel Zinc Plated	701-5860	25.59
Stainless Steel	701-5872	44.33

**Riveting Systems**

**Thin Sheet Nutsert Kit**

AVDEL



- Placed quickly and easily by hand
- One-piece, vibration proof
- Forms a strong deep steel thread on thin sheet down to a thickness of 0.020" (0.51mm)
- Replacement mandrels supplied with nosepiece are available separately

Thread Size	Thread Form	Grip Range	Diameter (mm)	Depth (mm)	Threaded Depth (mm)	Hole Size (mm)	Order Code
M3	M3 x 0.5	0.51 to 1.5mm	4.72	9.02	5.47	4.75 to 4.84	320-055
M4	M4 x 0.7	0.51 to 2mm	6.32	10.41	6.48	6.35 to 6.44	156-5500
M5	M5 x 0.8	0.51 to 3mm	7.11	11.81	6.23	7.14 to 7.23	320-079
M6	M6 x 1	0.76 to 3.25mm	9.5	14.6	8.64	9.53 to 9.61	320-080

496212

Nutsert Lever Hand Tool	Mfrs. List No.	Order Code	Price Each
	07486-09601	320-043	1+
			51.38
<b>Replacement Nutserts (100 Per Pack)</b>			
M3	9658-0310	320-055	7.93
M4	09658-70413	156-5500	8.30
M5	9658-0514	320-079	9.09
M6	9658-0619	320-080	12.80
<b>Replacement Mandrel Nose Piece</b>			
M3	7488-9470	320-092	4.76
M4	7488-9480	320-109	4.78
M5	7488-9490	320-110	4.63
M6	7488-9500	320-122	4.77

**Riveter**

**SPIRALUX**



- Industrial hand tool for placing up to 3/16" (4.8mm) diameter rivets.

214120

Mfrs. List No.	Order Code	1+	Price Each	5+	10+
2750	320-183	73.82	68.10	65.00	

**'Avex' Rivets**

**AVDEL**



- Magnesium aluminium alloy rivets
- Phosphated steel stems

Nominal Diameter	*Drill Size	*Grip Range	Mfrs. List No.	Order Code			
mm	inches	mm	inches				
3.2	1/8	3.5	29	0.79 to 4.8	.031 to .187	1661-0410	320-195
4	5/32	4.2	19	1.2 to 6.4	.046 to .250	1661-0512	320-201
4.8	3/16	5.1	8	1.6 to 6.4	.062 to .250	1661-0613	320-213
4.8	3/16	5.1	8	4.7 to 11.1	.187 to .437	1661-0619	320-225

\*Grip ranges and hole sizes are for guidance only: The grip range will vary depending on the type of material.

214121

100 Per Pack			
Dia.	Grip Range	Order Code	Price Per Pack
3.2	0.79 to 4.8	320-195	3.04
4	1.2 to 6.4	320-201	3.59
4.8	1.6 to 6.4	320-213	3.19
4.8	4.7 to 11.1	320-225	3.39

**Rivets**

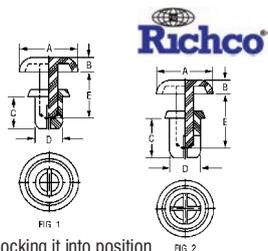


- Domed head blind rivet
- Wide range of sizes available
- Packed in convenient colour-coded boxes for ease of stockholding and handling
- Manufactured to DIN7337

214008

100 Per Box			
Diameter (mm)	Grip Range	Order Code	Price Per Box
<b>Steel, Zinc Plated</b>			
3.2	1-3	713-8659	2.59
3.2	3-6	713-8660	2.81
3.2	7-9	713-8672	2.21
4	0.5-2.5	713-8684	3.56
4	4.5-6.5	713-8696	4.32
4	6-8.5	713-8702	4.74
<b>Aluminium</b>			
3.2	1-3	713-4587	2.72
3.2	3-6	713-4599	2.49
3.2	7-9	713-4605	2.94
4	1-3	713-4617	2.48
4	3-6	713-4629	2.65
4	6-9	713-4630	3.04
<b>50 Per Pack</b>			
4.8	1-3	713-4642	2.18
4.8	4-6	713-4654	2.25
4.8	6-8	713-4666	2.38
<b>500 Per Pack</b>			
3.2	1.5-3.5	713-4460	7.92
3.2	3.5-5.5	713-4472	8.13
3.2	7-9	713-4496	14.05

Snap Rivets, Plastic



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6
- Available in Black or White

Ref.	Hole $\varnothing$ G	Grip Range	A	B	C	D	E	Fig.
1 & 22	2.6-2.7	1.0-2.0	5	1.4	3.2	2.6	4.5	1
2 & 23	2.6-2.7	2.0-3.0	5	1.4	4.2	2.6	4.5	1
3 & 24	2.6-2.7	2.7-3.6	5	1.4	4.8	2.6	6.1	1
4 & 25	2.6-2.7	3.4-4.3	5	1.4	5.5	2.6	6.1	1
5 & 26	3.1-3.2	1.0-2.0	6.4	1.6	3.5	3	5.1	1
6 & 27	3.1-3.2	2.0-3.0	6.4	1.6	4.5	3	6.1	1
7 & 28	3.1-3.2	3.0-4.0	6.4	1.6	5.5	3	6.1	1
8 & 29	3.1-3.2	4.0-5.0	6.4	1.6	6.5	3	7.1	1
9 & 30	3.1-3.2	5.0-6.0	6.4	1.6	7.5	3	9	1
10 & 31	3.1-3.2	5.5-6.5	6.4	1.6	8	3	9	1
11 & 32	3.6-3.7	1.2-2.1	6.4	1.6	3.5	3.5	5.1	2
12 & 33	3.6-3.7	2.1-3.0	6.4	1.6	4.5	3.5	6.1	2
13 & 34	3.6-3.7	2.7-3.6	6.4	1.6	5	3.5	6.1	2
14 & 35	3.6-3.7	3.0-4.0	6.4	1.6	5.5	3.5	7.1	2
15 & 36	3.6-3.7	4.5-5.5	6.4	1.6	6	3.5	7.1	2
16 & 37	4.1-4.2	2.5-3.5	8	1.8	5	4	7	2
17 & 38	4.1-4.2	3.5-4.5	8	1.8	6	4	7	2
18 & 39	4.1-4.2	4.5-5.5	8	1.8	7	4	9	2
19 & 40	4.1-4.2	5.5-6.5	8	1.8	8	4	9	2
20	4.1-4.2	6.5-7.5	8	1.8	9	4	11	2
21 & 41	4.1-4.2	7.5-8.5	8	1.8	10	4	11	2

213998

100 Per Pack

Black	Ref.	Order Code	Price Per Pack
	1	126-1670●	5.02
	2	126-1672●	5.12
	3	126-1675●	3.90
	4	126-1677●	2.99
	5	126-1685●	4.16
	6	126-1687●	4.26
	7	126-1689●	4.40
	8	126-1692●	4.52
	9	126-1694●	4.40
	10	126-1696●	4.75
	11	126-1702●	4.61
	12	126-1704●	4.40
	13	126-1706●	4.30
	14	126-1709●	3.61
	15	126-1714●	4.89
	16	126-1718●	4.60
	17	126-1720●	4.81
	18	126-1723●	5.02
	19	126-1726●	5.33
	20	126-1728●	5.52
	21	126-1730●	5.71
White	22	126-1671●	4.89
	23	126-1674●	5.02
	24	126-1676●	5.12
	25	126-1679●	5.12
	26	126-1686●	4.02
	27	126-1688●	4.16
	28	126-1690●	4.30
	29	126-1693●	4.40
	30	126-1695●	4.40
	31	126-1697●	4.52
	36	126-1715●	4.59
	37	126-1719●	4.40
	38	126-1722●	4.64
	39	126-1725●	4.84
	40	126-1727●	5.11
	41	126-1731●	5.51

Tucker 'Pop' Blind Rivets - Standard Aluminium



Manufactured To BS5750 (ISO9002).  
Aluminium rivet body with steel, zinc plated mandrel.

2.4mm /  $\frac{3}{32}$ in, Hole  $\varnothing$  2.5mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
2.4 x 3.5	0.8	500	107-700B	1+
2.4 x 7.5	4.8	500	107-702B	9.89
				10.38

3.2mm /  $\frac{1}{8}$ in, Hole  $\varnothing$  3.3mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
3.2 x 4.5	1.6	500	107-710B	7.53
3.2 x 8.0	4.8	500	162-342B	6.25
3.2 x 9.5	6.4	500	107-713B	9.01
3.2 x 11.5	7.9	500	107-714B	13.83
3.2 x 13.5	9.5	500	107-715B	18.63
3.2 x 15.0	11.1	500	107-716B	29.38
3.2 x 24.0	19.8	500	107-718B	40.85

4mm /  $\frac{5}{16}$ in, Hole  $\varnothing$  4.1mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
4.0 x 7.0	3.2	500	107-720B	1+
4.0 x 12.0	7.9	500	107-723B	8.06
4.0 x 14.0	9.5	500	107-724B	9.37
4.0 x 15.5	11.1	500	107-725B	17.10
4.0 x 17.5	12.7	500	107-726B	35.00
				30.54

4.8mm /  $\frac{3}{8}$ in, Hole  $\varnothing$  4.9mm

496142

Rivet per Pack (mm)	Max Grip (mm)	Pack Qty	Order Code	Price Each
4.8 x 11.0	6.4	500	107-732B	1+
4.8 x 12.5	7.9	500	107-733B	12.37
4.8 x 14.5	9.5	500	107-734B	12.26
4.8 x 16.5	11.1	500	107-735B	23.33
4.8 x 19.0	13.5	500	107-736B	23.36
4.8 x 25.5	19.8	500	107-737B	26.00
4.8 x 32.0	26.2	500	107-738B	30.79
				43.30

Tucker 'Pop' Blind Rivets Steel



Steel, zinc plated rivet body with steel, zinc plated and yellow dichromate mandrel.

3.2mm /  $\frac{1}{8}$ in, Hole  $\varnothing$  3.3mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
3.2 x 4.5	1.6	500	107-740B	1+
3.2 x 6.0	3.2	500	155-368B	10.46
3.2 x 8.0	4.8	500	107-742B	10.95
				12.21

4mm /  $\frac{5}{16}$ in, Hole  $\varnothing$  4.1mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
4.0 x 8.5	4.8	500	107-751B	1+
				14.45

4.8mm /  $\frac{3}{8}$ in, Hole  $\varnothing$  4.9mm

496143

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
4.8 x 9.0	4.8	500	107-761B	1+
4.8 x 12.5	7.9	500	107-763B	20.11
4.8 x 16.5	11.1	500	107-765B	23.26
				41.70

Tucker 'Pop' Blind Rivets Stainless Steel



3.2mm /  $\frac{1}{8}$ in, Hole  $\varnothing$  3.3mm

## Riveting Systems - continued

## Tucker 'Pop' Blind Rivets - continued

## Stainless Steel - continued

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
3.2 x 6.5	3.3	500	107-770B	29.44
3.2 x 9.0	5.8	500	107-771B	33.07
3.2 x 12.5	9.7	500	107-772B	56.76

4mm / 5/16in, Hole  $\varnothing$  4.1mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
4.0 x 7.5	3.6	500	107-780B	41.59

4.8mm / 3/16in, Hole  $\varnothing$  4.9mm

496147

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
4.8 x 12.5	8.3	500	107-791	74.65

## Tucker 'Pop' Sealed Type Rivets

## Aluminium



This rivet is specifically designed for situations where the fastening has to be water or pressure tight. A sealed end encloses the mandrel completely so the mandrel head is retained once the rivet is set; a significant advantage in many applications. They are widely used in areas such as boat building or the manufacture of pipes or ducting. They are also valuable in products subject to vibration such as off-road vehicle applications or in assemblies when even the remotest possibility of a loose mandrel is totally unacceptable, such as electrical equipment. This rivet has an aluminium body with a carbon steel mandrel.

3.2mm / 1/8in, Hole  $\varnothing$  3.3mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
3.2 x 9.0	4.8	500	107-801	11.16
3.2 x 11.0	6.4	500	107-802	14.88
3.2 x 12.0	7.9	500	107-803B	15.25

4mm / 5/16in, Hole  $\varnothing$  4.1mm

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
4.0 x 8.0	3.2	500	107-804B	12.47
4.0 x 9.5	4.8	500	107-805B	11.97
4.0 x 11.0	6.4	500	107-806	12.53

4.8mm / 3/16in, Hole  $\varnothing$  4.9mm

496153

Rivet Body (mm)	Max Grip (mm)	Pack Qty	Order Code	Price per Pack
4.8 x 8.0	3.2	500	107-810	15.77
4.8 x 10.0	4.8	500	107-811B	14.59
4.8 x 11.5	6.4	500	107-812	15.12
4.8 x 13.0	7.9	500	107-813B	19.53

## 'Avex' Rivets

AVDEL



- Magnesium aluminium alloy rivets
- Phosphated steel stems

Nominal Diameter (mm)		*Drill Size (mm)		*Grip Range (mm)		Mfrs. List No.
3.2	1/8	3.5	29	0.79 to 4.8	.031 to .187	1661-0410
4	5/32	4.2	19	1.2 to 6.4	.046 to .250	1661-0512
4.8	3/16	5.1	8	1.6 to 6.4	.062 to .250	1661-0613
4.8	3/16	5.1	8	4.7 to 11.1	.187 to .437	1661-0619

\*Grip ranges and hole sizes are for guidance only: The grip range will vary depending on the type of material.

496173

100 Per Pack Mfrs. List No.	Diameter (mm)	Grip Range (mm)	Order Code	Price per Pack
1661-0410	3.2	0.79 to 4.8	320-195	1+
1661-0512	4	1.2 to 6.4	320-201	3.59
1661-0613	4.8	1.6 to 6.4	320-213	3.19
1661-0619	4.8	4.7 to 11.1	320-225	3.39

## Dome Headed Blind Rivets



- Domed head blind rivet
- Wide range of sizes available
- Packed in convenient colour-coded boxes for ease of stockholding and handling
- Manufactured to **DIN7337**

496179

Diameter (mm)	Grip Range (mm)	Pack Qty	Order Code	Price per Pack
<b>Steel, Zinc Plated</b>				
3.2	1-3	100	713-8659	2.59
3.2	3-6	100	713-8660	2.81
3.2	7-9	100	713-8672	2.21
4	0.5-2.5	100	713-8684	3.56
4	4.5-6.5	100	713-8696	4.32
4	6-8.5	100	713-8702	4.74
<b>Aluminium</b>				
3.2	1-3	100	713-4587	2.72
3.2	3-6	100	713-4599	2.49
3.2	7-9	100	713-4605	2.94
4	1-3	100	713-4617	2.48
4	3-6	100	713-4629	2.65
4	6-9	100	713-4630	3.04
4.8	1-3	50	713-4642	2.18
4.8	4-6	50	713-4654	2.25
4.8	6-8	50	713-4666	2.38
3.2	1.5-3.5	500	713-4460	7.92
3.2	3.5-5.5	500	713-4472	8.13
3.2	7-9	500	713-4496	14.05

## Riveting Tools

## Hand Riveting Tool

DURATOOL



Designed for setting blind rivets of all diameters in all groups except 5mm 3/16in where use is restricted to alu group rivets. Forged steel drive handle with pressure cast body. Self-opening, with alloy steel jaws and spare nozzles screwed into the body.

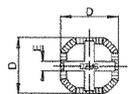
496189

Order Code	Price Each
312-7953	1+
	13.65

## Quick Release Fasteners

## Arrow Kit

DZUS



- Snap-fit stud/receptacle
- Fits into square hole
- Corrosion-resistant acetyl
- Push to lock, quarter turn to unlock
- Up to 5mm grip range
- Assembly captive in panel - cannot be lost

Manufactured in plastic for use on lightly-loaded access panels. Both stud and receptacle are retained in the top panel when the assembly is undone.

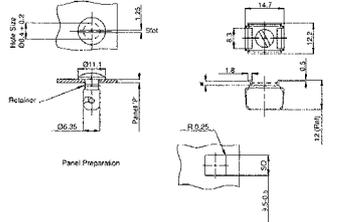
Total Thickness	Top Panel Thickness	Panel Mounting Hole	Support Mounting Hole	A	B	C	D	E
Max./Min.	Max./Min.	Max./Min.	Max./Min.					
2/5	1.7/0.5	9.2sq/9.5sq	9.6sq/9.5sq	17.2	5.2	9.5	13.4	2.1

Recommended maximum axial load 50N (11lbf)  
 Ultimate axial load 250N (56lbf)  
 Recommended maximum shear load 125N (28lbf)  
 Ultimate shear load 625N (140lbf)  
 Hole misalignment ±0.5 (20")  
 Operating temperature range -20°C to °C

213815

Order Code	Price Each
706-8992	1+ 0.47

**Standard Fastener Kit**



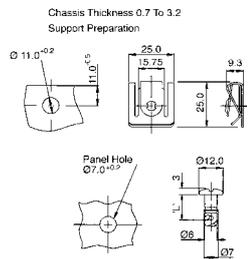
- Quarter turn to lock/unlock
- Cage nut-type receptacle
- Stud captive in panel
- Positive lock feature
- Fits square hole
- Slotted head - coin operable
- Steel, zinc plate, chromate passivation

Safe Load Without Distortion 27 kg / 60 lbf  
 Working Tension - Min. 5 kg / 11 lbf  
 Ultimate Load (264 lbf)  
 Minimum Pitching 12.7 mm / 0.50"  
 Panel / Support Face Gap 0.5mm / 0.02"

496138

Order Code	Price Each
706-9005	+ 1.29

**Panex Kit**



- Quarter turn to lock/unlock
- Slip on receptacle
- Stud captive in panel - cannot be lost
- Positive lock feature
- Slotted head - coin operable
- Steel, zinc plate, chromate passivation

496141

Size (mm)	Order Code	Price Each
11	706-9066	1+ 1.33
12	706-9078	1.25

**Hook and Loop Fastener System**

**Hook and Loop - Strip**

Black or White



Hook Loop  
 L=5m, W=20mm, 15mm (Back to Back)

- Self-adhesive backed nylon touch and hold fastening system no adhesive on (back to back)
- Supplied as 'Hook' or 'Loop' reels (ordered separately) or 'Back' to 'Back' (Hook on one side, loop on the other)
- Can be cut to any length
- Adhesive suitable for many smooth, clean, dry surfaces including plastic (except PVC), glass, metal and wood

- For heavy duty applications, may be stapled or tacked
- In general, the hooked strip should be attached to the fixed half of the item and the looped strip to movable half
- Back to Back system is ideal for cable harnessing

Note: The adhesive may deteriorate if exposed to direct sunlight (ultraviolet light).

214166

5 Metre Reel	Order Code	Price Per Reel
<b>Black</b>		
VELCRO HOOK BLACK 5M REEL	107-424	5.67
VELCRO LOOP BLACK 5M REEL	107-425	5.67
<b>White</b>		
VELCRO HOOK WHITE 5M REEL	724-3236	5.67
VELCRO LOOP WHITE 5M REEL	724-3248	5.67
<b>10 Metre Reel</b>		
Velcro reel Back to Back (Black)	724-3315	11.04

**Hook and Loop-Coins and Squares**

Black or White



- Adhesive backed nylon touch and hold fastening system
- Square cuts and coins
- Ideal for use in speaker cabinet fronts, panels, prototype assemblies, exhibition stands and other small scale mounting applications

213976

5 Metre Reel	Type	Approx. No. Per Reel	Order Code	Price Per Reel
<b>Coins, Black</b>				
12.5mm (Dia.)	Black Velcro Coin (hook)	310	957-276	8.68
12.5mm (Dia.)	Black Velcro Coin (loop)	310	957-288	8.68
22mm (Dia.)	Black Velcro Coin (hook)	200	957-290	10.09
22mm (Dia.)	Black Velcro Coin (loop)	200	957-306	10.09
<b>Coins, White</b>				
12.5mm (Dia.)	White Velcro Coin (loop)	310	724-3250	8.68
12.5mm (Dia.)	White Velcro Coin (loop)	310	724-3261	6.32
22mm (Dia.)	White Velcro Coin (loop)	200	724-3273	10.09
22mm (Dia.)	White Velcro Coin (loop)	200	724-3285	10.09
<b>Square Cuts, White</b>				
20 x 25mm	White Velcro Coin (loop)	200	724-3303	8.68

**Dowel Pins**



**Dowel Pins**



BS 1804 (part 2, grade 1). A parallel pin used to locate mating parts.

496100

Thread x Length	Pack Qty	Order Code	Price Per Pack
M4 x 10mm	50	155-2400	10.29
M4 x 12mm	50	155-4546	8.63
M4 x 16mm	50	155-3160	10.90
M4 x 20mm	50	887-6002	6.09
M4 x 25mm	50	887-6010	10.18
M5 x 10mm	50	887-6029	5.13
M5 x 12mm	50	887-6037	5.85
M5 x 16mm	50	887-6045	6.98
M5 x 20mm	50	887-6053	6.43
M5 x 25mm	50	887-6061	8.11
M5 x 36mm	50	887-6088	15.59
M5 x 40mm	50	887-6096	8.90
M6 x 20mm	25	887-6118	5.92
M6 x 25mm	25	887-6126	11.07
M6 x 30mm	25	887-6134	11.27
M6 x 32mm	25	887-6142	6.36
M6 x 40mm	25	887-6169	9.32
M6 x 50mm	25	887-6177	12.30
M6 x 60mm	25	887-6185	8.40
M8 x 20mm	25	887-6193	3.58
M8 x 25mm	25	887-6207	6.92
M8 x 30mm	25	887-6215	7.29
M8 x 40mm	25	887-6231	6.00
M8 x 50mm	25	887-6240	6.00

## Worm Drives

## Worm Drive



- High quality zinc-plated for durability
- Stainless steel drives are ideal for marine and food handling environments
- 7mm A/F hexagon head screws with screwdriver slot
- Up to twice as strong as BS requirements

FOR SUITABLE NUT DRIVER SEE **HAND TOOLS** SECTION

496269

5 Per Pack				
Size No.	∅ (mm)	∅ (Inches)	Order Code	Price Per Pack 1+
<b>Zinc Plated</b>				
000	9.5-12	3/8 - 1/2	501-062	2.25
M00	11-16	1/2 - 5/8	501-074	2.40
00	13-20	1/2 - 3/4	501-086	2.40
0	16-22	5/8 - 7/8	501-098	2.70
0X	18-25	3/4 - 1	501-104	2.65
1A	22-30	7/8 - 1 1/8	501-116	2.58
1	25-35	1 - 1 3/8	501-128	2.87
1X	30-40	1 1/8 - 1 5/8	501-130	3.01
2A	35-50	1 1/4 - 1 7/8	501-141	3.12
2	40-55	1 1/2 - 2 1/8	501-153	3.20
2X	45-60	1 3/4 - 2 3/8	701-1570	3.17
3	55-70	2 - 2 3/4	701-1581	3.42
5	90-120	3 3/4 - 4 1/2	701-1623	4.89
6	110-140	4 1/4 - 5 1/2	701-1635	3.90
750	158-190	6 1/4 - 7 1/2	701-1660	7.26
<b>Stainless Steel</b>				
000	9.5-12	3/8 - 1/2	501-165●	5.78
M00	11-16	1/2 - 5/8	501-177●	4.46
00	13-20	1/2 - 3/4	501-189●	5.78
0	22-16	5/8 - 7/8	501-190	6.71
0X	18-25	3/4 - 1	501-207●	6.67
1A	22-30	7/8 - 1 1/8	501-219	7.12
1	25-35	1 - 1 3/8	501-220●	7.40
1X	30-40	1 1/8 - 1 5/8	501-232●	7.65
2A	35-50	1 1/4 - 1 7/8	501-244●	8.09
2	40-55	1 1/2 - 2 1/8	501-256●	8.09
3	55-70	2 - 2 3/4	701-1696●	8.65
5	90-120	3 3/4 - 4 1/2	701-1738	11.65
750	158-190	6 1/4 - 7 1/2	701-1775	17.26

41

## Worm Drive, High Torque



- All stainless steel for high corrosion resistance
- Extra-strong slips for demanding applications
- Straight line housing for total engagement of screw thread
- 16mm wide band with 8mm A/F slotted screw heads
- Can be used on wire reinforced hoses

496274

5 Per Pack				
Size No.	∅ (mm)	∅ (Inches)	Order Code	Price Per Pack 1+
35	20-30	3/4 - 1 3/8	701-3942	16.89
45	25-45	1 - 1 3/4	701-3966●	16.49
50	30-50	1 1/4 - 2	701-3978	12.60
70	40-70	1 5/8 - 2 3/4	701-3980	17.87

## Technical information at your fingertips



Over **352,000** technical datasheets available online.

Visit [www.farnell.co.uk](http://www.farnell.co.uk) and look for the **Tech Info** heading in your search results.

## Clips

## Hose Clip, Nylon 6.6

## Quick Installation



- Double row interlocking teeth
- UV and heat stabilised nylon 6.6
- Wide operating temperature once fitted
- High resistance to most chemicals
- Apply using pliers or multi-grips

Operating temperature -40°C to +150°C

496278

Type	Size - Min. / Max. (mm)	Order Code	Price Each 10+
B	7.9 / 9.2	723-5318	0.42
BB	9.2 / 10.3	723-5320	0.41
CC	11.1 / 13.4	723-5343	0.40
D	12.0 / 13.8	723-5355	0.24
E	13.1 / 15.1	723-5367	0.39
G	16.9 / 19.1	723-5380	0.50
J	20.3 / 23.0	723-5409	0.53
L	24.5 / 27.6	723-5422	0.30
M	26.5 / 29.5	723-5434	0.54
N	28.8 / 32.2	723-5446	0.57

## 'O' Clips



- High-grade carbon steel, zinc plated and chrome-passivated

496283

Size (mm)	Pack Qty	Order Code	Price Per Pack 1+
5-7	25	708-0323	4.19
7-9	25	708-0335	4.56
9-11	25	708-0347	4.77
11-13	25	708-0359	5.14
13-15	15	708-0360	3.58
15-18	15	708-0372	3.95

## Tool Clips



Zinc plated, closed type.

496291

Size (mm)	Size (in)	No.	Order Code	Price Each 1+
6	1/4	480.025	155-2136	0.082
10	3/8	480.037	155-2137	0.082
16	5/8	480.062	155-2138	0.133
19	3/4	480.075	155-2139	0.133
28	1 1/8	480.112	155-2522	0.210
32	1 1/4	480.125	155-2140	0.310
38	1 1/2	480.150	155-2290	0.460
51	2	480.200	155-2141	0.560

## Spring Clips Coated



- Polythene coated carbon spring steel
- Colour-Black

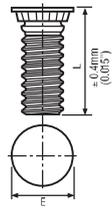
496302

Size (Inches)	Size (mm)	Mnt. Hole Dia.	Pack Qty	Order Code	Price Per Pack
1/4"	6.4	3/32"	25	708-1492	4.12
3/8"	9.5	3/32"	25	708-1509	4.12
1/2"	12.7	1/8"	25	708-1510	4.12
5/8"	15.9	1/8"	25	708-1522	4.12
3/4"	19.1	1/8"	25	708-1534	4.26
1"	25.4	1/8"	10	708-1546	3.63
1-1/8"	28.6	9/64"	10	708-1558	3.64
1-1/4"	31.8	9/64"	10	708-1560	3.65
1-1/2"	38.1	5/32"	10	708-1571	3.73

**Sheet Material Fasteners**

**Captive Studs**

Zinc-Plated & Passivated



Designed for quick and easy installation using a simple 'squeeze' press. Can be fitted into steel, brass, copper and aluminium alloy sheet.

- Easy assembly with any 'squeeze' press
- High torque resistance
- Ideal for coated materials
- Manufactured in case hardened steel

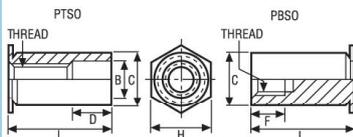
ISO metric thread sizes	M3	M4
Head $\varnothing$ approx. 'E'	4.5mm	5.5mm
Min. sheet thickness	1mm	1mm
Min. distance to centre line of hole size from sheet edge	5.5mm	7mm
Recommended hole size	3.05 / 2.97mm	4.04 / 3.96mm
Clearance hole in parts attached	3.33 / 3.58mm	4.27 / 4.52mm
Max. recommended nut tightening torque	0.84N-m	1.92N-m

496183

50 Per Pack	Length (mm)	Order Code	Price Per Pack
M3	8	703-1920	2.83
	10	703-1932	2.96
	12	703-1944	3.04
	14	703-1956	3.28
	16	703-1968	3.28
M4	18	703-1970	3.28
	20	703-1981	3.44
	8	703-1993	3.04
	10	703-2006	3.04
	12	703-2018	3.04
	16	703-2031	3.28
	18	703-2043	3.44
20	703-2055	2.07	

**Stand-Offs**

Through Hole (PTSO)



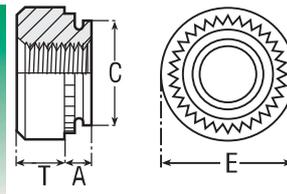
- For heavy-duty applications, LSS type (Large Surface Support) is available
- Available in steel
- Remain captive in sheet
- PBSO or 'blind' version prevents contaminating particles from passing through fastener
- Adds cosmetic value to panel

ISO metric thread size	M3	M4	M5
For use in sheet thickness	$\geq 1$ mm	$\geq 1.3$ mm	$\geq 1.3$ mm
Hole size in sheet thickness +0.08-0.00	5.4mm	7.2mm	7.2mm
C +0.00-0.13	5.39mm	7.14mm	7.14mm
H	6.4mm	7.9mm	7.9mm
B	4mm	4.8mm	5.2mm
Min. distance of hole centre to sheet edge	6.7mm	8mm	8mm

496185

50 Per Pack	Length (L) (mm)	Order Code	Price Per Pack
M3	6	703-3102	10.88
	8	703-3114	10.88
	10	703-3126	6.57
	12	703-3138	13.13
	10	703-3175	6.33
	8	703-2912	12.45
	10	703-2924	9.66

**Self-Clinch Nuts**



- High torque resistance
- Reverse side of the sheet remains totally flush
- Easy assembly with any 'squeeze' press
- Case-hardened mild steel
- Maximum material hardness 80RB

Thread Size	A max. (mm)	Hole Size In Sheet (mm) +0.08 - 0.00	C max. (mm)	E approx. (mm)	T (mm)	Min. Distance Centre Line Hole To Sheet (mm)
M3	1.05	4.75	4.70	7.1	1.6	5.6
	1.45	4.75	4.70	7.1	1.6	5.6
M4	1.05	5.40	5.35	7.9	2.4	6.7
	1.45	5.40	5.35	7.9	2.4	6.7
M5	1.05	6.35	6.30	8.7	2.4	7
	1.45	6.35	6.30	8.70	2.4	7
M6	1.35	8.75	8.70	11.1	4.4	8.7
	2.30	8.75	8.70	11.1	4.4	8.7

496187

50 Per Pack	Shank No.	For Sheet Thickness (mm)	Order Code	Price Per Pack
M3	1	1.1-1.4	703-3229	2.96
	2	1.5-2.3	703-3230	2.96
M4	1	1.1-1.4	703-3242	3.37
	2	1.5-2.3	703-3254	3.37
M5	1	1.1-1.4	703-3266	3.45
	2	1.5-2.3	703-3278	3.45
M6	1	1.4-2.3	703-3280	3.89
	2	2.4-3.2	703-3291	7.61

**Springs**

**Compression And Expansion Springs**

**Compression**



Length (mm)	OD (mm)	No.	Order Code
12.5 - 51	3 - 12.5	478.010(A)	162-3624
38 - 100	6.3-19	478.011	103-041
305	2.4-19	478.013(A)	103-042

Description	Pack Qty	Order Code	Price Per Pack
12 sizes, medium / large	96	103-041	26.93
17 sizes, medium / large	40	103-042	26.79

**Expansion**

Length (mm)	OD (mm)	No.	Order Code
15 - 64	3 - 9.5	478.014(A)	103-043
50-150	6.3-19	478.015	103-044B
76-229	4.7-22	478.016	103-045
305	3.2-19	478.019(A)	103-046

Description	Pack Qty	Order Code	Price Per Pack
15 sizes, small	100	103-043	27.79
17 sizes, small / medium	51	103-044B	27.50
12 sizes, medium / large	48	103-045	38.35
17 sizes, medium / large	40	103-046	41.85

**Garage Service Kit**

Assorted popular expansion and compression springs.

496299

Pack Quantity	No.	Order Code	Price Per Pack
100	478.020(A)	103-047B	42.07

Over 480,000 products online



## Band It Strapping Systems

### Band-It Tool



The Band-It tool is a drop forged, electroplated tool with tensing capability of over 2,400lb with built-in cutter. (Caution: Operator can exceed bands breaking strain with this tool).

496304

Type	Order Code	Price Each
C001	162-3625	107.34

### Band-It Strapping System Band



Type 201 stainless steel has superior yield and tensile strength properties to provide maximum clamping strength. All sizes have fully rounded smooth edges for safety and easy installation. For greater strength, use double wrap, threading the buckle each time round. 100 foot coils.

496305

Size (Inches)	Breaking Strain (lb)	Order Code	Price Each
1/4	500	103-631	10.49
1/2	1500	103-633	18.29
3/8	1875	103-634	22.06

### Band-It Strapping System Buckles



Type 201 stainless steel buckles are designed to accommodate both single and double wrap band. The unique teeth and ears provide for maximum clamping strength. Box quantity 100.

496307

Size (Inches)	Order Code	Price Per Pack
1/4	103-641	7.10
3/8	155-3683	16.63
1/2	103-643	11.34
3/8	103-644	14.84

## Staple Guns & Tackers

### Staple Gun And Tackers



#### Junior Tacker

Light duty gun with baked enamel finish.

Model	Sizes Used	Order Code	Price Each
JT21M	6, 8, 10mm	101-800	13.66

#### All-Purpose Gun

Stoved enamel finish. Intermediate duty, loads full strips of staples.

496224

Model	Sizes Used	Order Code	Price Each
T-55	6, 8, 10, 12, 14mm and Ceiltile	101-801B	21.03

### Heavy Duty Staple Guns



#### Heavy-Duty Hammer Tacker

Widely used for furniture fabrication, insulation, display materials, various tagging jobs and many other applications where speed and ease of operation is more important than accurate staple placement. Balanced design permits hours of stapling without strain. All-steel construction. Chrome finish. Impact-resistant handle provides non-slip grip. Uses T50 staples.

Model	Staple Sizes Used	Order Code	Price Each
HT50P	6, 8, 10, 12mm	101-811	39.00

496228

### Heavy Duty Multi Purpose Staple Gun Kit



In sturdy plastic case. Contains T50 heavy duty staple gun, T50 Screen/piggyback attachment, T50 window shade attachment, SL50 staple lifter, pack of 1250 T50 staples 1/4in leg, 1250 3/8in leg, 1250 1/2in Ceiltile staples.

496259

Model	Order Code	Price Each
T-50MP	101-813B	34.84

### Staples

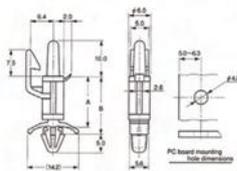


496262

Staple Type	Size (mm)	To Suit Stapler Models	Pack Qty	Order Code	Price Per Pack
214	6	JT21	5000	101-820	6.19
215	8	JT21	5000	101-821	6.19
276	10	JT21	5000	101-885	7.86
504	6	T50P, HT50P, T55C, ETC50, ETF50, PBN, T50PBN, T50MP	5000	101-822	5.90
505	8	As above	5000	101-823	5.87
508	12	As above	5000	101-825B	7.32
509	14	As above	5000	101-826	8.01
186	10	T-18P	5000	101-828	8.55
256	10	T-25/P-T2025	5000	101-830	8.55
257	11	T-25/P-T2025	5000	101-831	8.55
259	14	T-25/P-T2025	5000	101-832	9.24
5911	-	T-59	300	101-887	6.11
224	6	P22	5000	101-888	2.96
225	8	P22	5000	101-889	3.13
354	6	P35	5000	101-839	5.91



Circuit Board spacers SHCBS Series



New

- Easily installed and removed, making inspection and maintenance of PC boards easier
- A hinging action can be achieved when used together with the SRF series of spacers
- Designed to accompany SRF series when creating a lifting hinge action with the PCB
- Material: Nylon 6.6, Flammability: UL94V-2, Colour: Natural.

523739

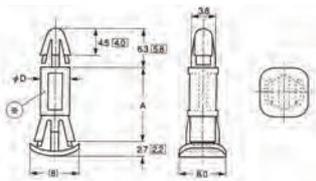
	Mtrs.		Order Code	Price Each		
	A	B		1+	5+	10+
PCB EDGE SPACER 7.9MM, NYLON	7.9	10.3	D01379 164-5321	3.57	3.40	3.22
PCB EDGE SPACER 9.5MM, NYLON	9.5	11.9	D01380 164-5322	3.63	3.45	3.27
PCB EDGE SPACER, 12.6MM	12.6	15.0	D01381 164-5323	3.69	3.51	3.34
PCB EDGE SPACER, 15.8MM	15.8	18.2	D01382 164-5324	4.27	4.06	3.86

Circuit Board Spacers RSPLS Series



- Inserts into the underside of the chassis
- Protrusion below the chassis is less than 1.7 making this series ideal when space is limited.
- Material: Nylon 6.6, Flammability: UL94V-2, Colour: Natural

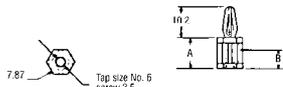
New



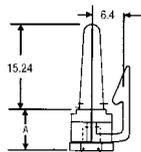
523740

Metric	A	Driver øD	Mtrs. List No.	Order Code	Price Each		
					1+	5+	10+
PCB SPACER, 5.0MM, NYLON	5.0	5.0	D01369	164-5310	2.44	2.32	2.20
PCB SPACER, 6.0MM, NYLON	6.0	5.0	D01370	164-5311	2.53	2.41	2.29
PCB SPACER, 8.0MM, NYLON	8.0	5.0	D01371	164-5312	2.59	2.46	2.34
PCB SPACER, 10.0MM, NYLON	10.0	5.0	D01372	164-5313	2.62	2.49	2.37
PCB SPACER, 12.0MM, NYLON	12.0	5.0	D01373	164-5314	2.94	2.80	2.65
PCB SPACER, 14.0MM, NYLON	14.0	5.0	D01374	164-5315	2.97	2.82	2.68
PCB SPACER, 16.0MM, NYLON	16.0	5.0	D01375	164-5317	3.00	2.85	2.70
PCB SPACER, 18.0MM, NYLON	18.0	5.0	D01376	164-5318	3.03	2.88	2.73
PCB SPACER, 6.2MM, NYLON	6.2	4.6	D01377	164-5319	2.47	2.35	2.22
PCB SPACER, 12.8MM, NYLON	12.8	4.6	D01378	164-5320	2.75	2.62	2.49

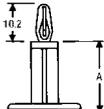
Screw Fixing / Adhesive Backed



Screw fixing - standard  
PCB fixing hole=4.0



Screw fixing - quick release  
PCB fixing hole=4.0



Adhesive backed  
PCB fixing hole=4.0

- Nylon PCB retaining supports
- Screw or adhesive backed fixing
- Standard or quick release system
- Screw versions can be fixed using No.6 self-tapping screws (not supplied)

214128

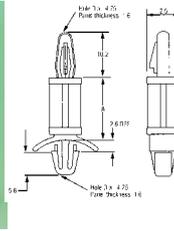
25 Per Pack

	A (mm)	B (mm)	(mm)	Order Code	Price Per Pack
Screw Fixing - Standard	6.4	6.4	5.2	141-635	1.99
	12.7	12.7	6.4	141-636	2.47
Screw Fixing - Quick Release	9.5	—	—	147-167	2.23
	15.9	—	—	147-168	3.01
Adhesive Backed	6.4	—	—	147-164	3.81
	12.7	—	—	147-165	4.21
	19.1	—	—	147-166	4.33

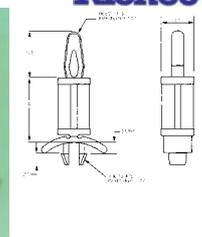
Spacer



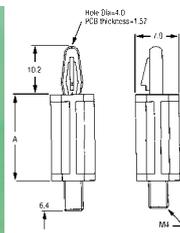
Snap to Board



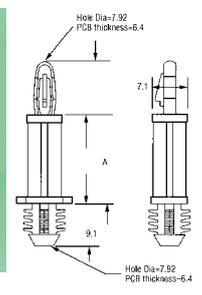
Locking



Studded



Blind Hole



- Natural colour, nylon 6.6

Snap to Board

- Locking to chassis, snap to board
- Releasable for repairs

Studded

- Chassis mounting M4 stud (M4 nuts should be ordered separately see 701-6955)

Locking

- Both ends lock by hand
- Strong dependable grip

Blind Hole

- Flexible ribs lock into round, threaded or drilled blind holes
- Grips wood, metal, Partical board, rubber

220510

25 Per Pack

	A (mm)	Order Code	Price Per Pack
Snap to Board	6.4	154-283	1.81
	9.5	154-295	1.91
	12.7	154-301	2.06
Locking	4.8	154-313	1.89
	6.4	154-325	1.30
	9.5	154-337	2.03
	12.7	154-349	2.16
Studded	6.4	154-350	2.28
	9.5	154-362	2.33
	12.7	154-374	2.39
	15.9	154-386	2.46
	19.1	154-398	2.51
	25.4	154-404	2.56
Blind Hole	4.8	154-416	1.42
	6.4	154-428	1.45
	12.7	154-441	1.61
	12.7	154-416	1.42
	4.8	154-416	1.42

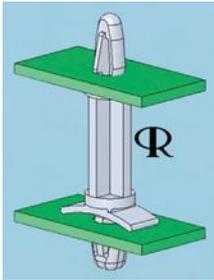
FREE global legislation support



RoHS, REACH, WEEE, EuP, Batteries Directive - we've got it covered at:

[www.global-legislation.com](http://www.global-legislation.com)

## Locking CCT Board Support



New

Mfrs Part No	Dimensions "A"
LCBSM-2-01	1/8[3.2]
LCBSM-3-01	3/16[4.8]
LCBSM-4-01	1/4[6.4]
LCBSM-5-01	5/16[7.9]
LCBSM-6-01	3/8[9.5]
LCBSM-7-01	7/16[11.1]
LCBSM-8-01	1/2[12.7]
LCBSM-9-01	9/16[14.3]
LCBSM-10-01	5/8[15.9]

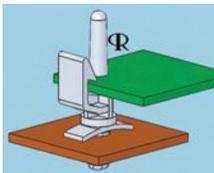
- No installation tool required
- To install, press head, which expands rivet base, locking it into position

- Manufactured in Nylon 6.6
- Sell pack quantity 40

526667

Mfrs. List No.	Order Code	1+	12+	24+
LCBSM-10-01	167-5843●	3.15	2.99	2.85
LCBSM-2-01	167-5844●	3.15	2.99	2.85
LCBSM-3-01	167-5845●	3.15	2.99	2.85
LCBSM-4-01	167-5846●	3.15	2.99	2.85
LCBSM-5-01	167-5847●	3.15	2.99	2.85
LCBSM-6-01	167-5848●	3.15	2.99	2.85
LCBSM-9-01	167-5851●	3.15	2.99	2.85

## Edge Holding CCT Board Support



New

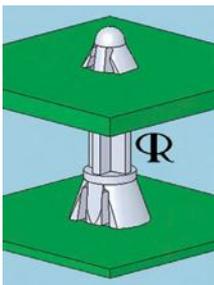
- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40

Mfrs Part No	Dimensions "A"
CRLCBSK-2-8-01	8mm
CRLCBSK-2-10-01	10mm
CRLCBSK-2-12-01	12mm
CRLCBSK-2-14-01	14mm

526666

Mfrs. List No.	Order Code	1+	12+	24+
EHCBS-10-01	167-5836●	3.68	3.50	3.32
EHCBS-12-01	167-5838●	3.68	3.50	3.32
EHCBS-16-01	167-5839●	3.68	3.50	3.32
EHCBS-5-01	167-5840●	3.68	3.50	3.32
EHCBS-6-01	167-5841●	3.68	3.50	3.32
EHCBS-8-01	167-5842●	3.68	3.50	3.32

## Cupped Reverse Locking CCT Board Supports



New

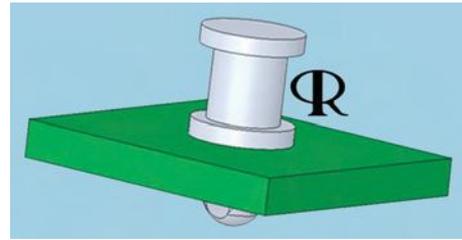
- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40

Mfrs Part No	Dimensions "A"
CRLCBSRE-4-01	1/4 (6.4)
CRLCBSRE-6-01	3/8 (9.5)
CRLCBSRE-8-01	1/2 (15.9)
CRLCBSRE-10-01	5/8 (15.9)

526665

Mfrs. List No.	Order Code	1+	12+	24+
CRLCBSK-2-10-01	167-5828●	3.15	2.99	2.85
CRLCBSK-2-12-01	167-5829●	3.15	2.99	2.85
CRLCBSK-2-14-01	167-5830●	3.15	2.99	2.85
CRLCBSRE-4-01	167-5833●	3.68	3.50	3.32
CRLCBSRE-6-01	167-5834●	3.68	3.50	3.32
CRLCBSRE-8-01	167-5835●	3.68	3.50	3.32

## Push Spacer Teardrop



New

- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40

Mfrs Part No	Dimensions "A"
PST-1-01	1/16[1.6]
PST-2-01	1/8[3.2]
PST-3-01	3/16[4.8]
PST-4-01	1/4[6.4]
PST-5-01	5/16[7.9]
PST-6-01	3/8[9.5]
PST-7-01	7/16[11.1]
PST-8-01	1/2[12.7]
PST-9-01	9/16[14.3]
PST-10-01	5/8[15.9]

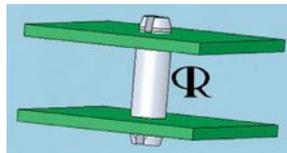
526671

Mfrs. List No.	Order Code	1+	12+	24+
PST-1-01	167-5880●	3.68	3.50	3.32
PST-2-01	167-5881●	3.68	3.50	3.32
PST-3-01	167-5882●	3.68	3.50	3.32
PST-6-01	167-5885●	3.68	3.50	3.32
PST-7-01	167-5887●	3.68	3.50	3.32
PST-8-01	167-5888●	3.68	3.50	3.32
PST-9-01	167-5889●	3.68	3.50	3.32

## Micro Support Post



41



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40

Mfrs Part No	Dimensions "A"
MSPM-2-01	1/8 (3.2)
MSPM-3-01	3/16 (4.8)
MSPM-4-01	1/4[6.4]
MSPM-5-01	5/16[7.9]
MSPM-6-01	3/8[9.5]
MSPM-7-01	7/16[11.1]
MSPM-8-01	1/2[12.7]
MSPM-9-01	9/16[14.3]
MSPM-10-01	5/8[15.9]
MSPM-12-01	3/4 (19.1)
MSPM-13-01	13/16 (20.6)
MSPM-14-01	7/8 (22.2)
MSPM-16-01	1 (25.4)
MSPM-18-01	1 - 1/8 (28.6)
MSPM-20-01	1 - 1/4 (28.6)
MSPM-22-01	1 - 3/8 (34.9)
MSPM-24-01	1 - 1/2 (38.1)

526669

Mfrs. List No.	Order Code	1+	12+	24+
MSPM-10-01	167-5852●	2.89	2.74	2.60
MSPM-11-01	167-5854●	2.89	2.74	2.60
MSPM-12-01	167-5855●	2.89	2.74	2.60
MSPM-16-01	167-5858●	2.89	2.74	2.60
MSPM-18-01	167-5859●	2.89	2.74	2.60
MSPM-2-01	167-5860●	2.89	2.74	2.60
MSPM-22-01	167-5861●	2.89	2.74	2.60
MSPM-3-01	167-5863●	2.89	2.74	2.60
MSPM-4-01	167-5864●	2.89	2.74	2.60
MSPM-5-01	167-5865●	2.89	2.74	2.60
MSPM-6-01	167-5866●	2.89	2.74	2.60
MSPM-7-01	167-5867●	2.89	2.74	2.60
MSPM-8-01	167-5868●	2.89	2.74	2.60
MSPM-9-01	167-5869●	2.89	2.74	2.60

## Troubleshooting tips



Chat live online to one of our technical engineers at [www.farnell.co.uk](http://www.farnell.co.uk)

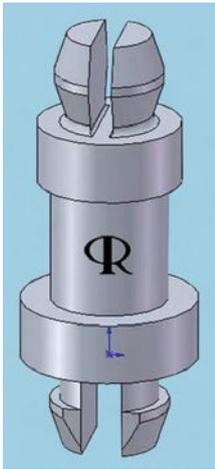
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Mini Support Post



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40



Mfrs Part No	Dimensions "A"
MSPS-14-YY	22.2
MSPS-12-YY	19.1
MSPS-11-YY	17.5
MSPS-10-YY	15.9
MSPS-8-YY	12.7
MSPS-7-YY	11.1
MSPS-6-YY	9.5
MSPS-5-YY	7.9
MSPS-4-YY	6.4
MSPS-3-YY	4.8

Mfrs Part No	Dimensions "A"
SRS4-2-01	1/8 [3.2]
SRS4-3-01	3/16 [4.8]
SRS4-4-01	1/4[6.4]
SRS4-5-01	5/16[7.9]
SRS4-6-01	3/8[9.5]
SRS4-7-01	7/16[11.1]
SRS4-8-01	1/2[12.7]
SRS4-10-01	5/8[15.9]
SRS4-12-01	3/4[19.1]
SRS4-14-01	7/8[22.2]
SRS4-16-01	1 [25.4]

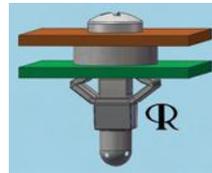
526673

Mfrs. List No.	Order Code	1+	12+	24+
MSPS-10-01	167-5870●	2.89	2.74	2.60
MSPS-12-01	167-5871●	2.89	2.74	2.60
MSPS-14-01	167-5872●	2.89	2.74	2.60
MSPS-4-01	167-5875●	2.89	2.74	2.60
MSPS-5-01	167-5876●	2.89	2.74	2.60
MSPS-6-01	167-5877●	2.89	2.74	2.60
MSPS-7-01	167-5878●	2.89	2.74	2.60
MSPS-8-01	167-5879●	2.89	2.74	2.60

526670

Mfrs. List No.	Order Code	1+	12+	24+
SRS-4-10-01	167-5892●	3.94	3.74	3.55
SRS-4-12-01	167-5893●	3.94	3.74	3.55
SRS-4-2-01	167-5894●	3.94	3.74	3.55
SRS-4-3-01	167-5895●	3.94	3.74	3.55
SRS-4-4-01	167-5896●	3.94	3.74	3.55
SRS-4-5-01	167-5897●	3.94	3.74	3.55
SRS-4-6-01	167-5899●	3.94	3.74	3.55
SRS-4-7-01	167-5900●	3.94	3.74	3.55
SRS-4-8-01	167-5901●	3.94	3.74	3.55
SRS-6-10-01	167-5902●	4.20	3.99	3.79
SRS-6-4-01	167-5903●	4.20	3.99	3.79
SRS-6-6-01	167-5906●	4.20	3.99	3.79
SRS-6-6-01	167-5906●	4.20	3.99	3.79
SRS-6-7-01	167-5907●	4.20	3.99	3.79
SRS-6-8-01	167-5908●	4.20	3.99	3.79

Toggle Screw Mount



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40

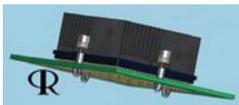


Mfrs Part No	Dimensions	Mounting Panel Thickness
TFR-1	.031 [0.80]	.060-.110 [1.5-2.8]
USR 1132	.125 [3.2]	.020 - .110 [0.5 - 2.8]
USR 1133	.189 [4.8]	.020 - .110 [0.5 - 2.8]

526677

Mfrs. List No.	Order Code	1+	12+	24+
TFR-1	167-5934●	7.89	7.49	7.11
TFR-3	167-5936●	8.47	8.05	7.64
TFR-3	167-5936●	8.47	8.05	7.64

Heat Sink Spring Mount Rivet



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40

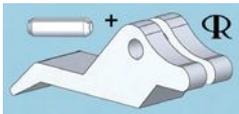


NOTES:  
 1. MATERIAL: NYLON 6/6 UL 94 V-2 RMS-047, COLOR: NATURAL  
 2. SPRING MATERIAL: STEEL, RMS-326, CHROME PLATED (RMS-355).  
 3. DESIGNED TO SNAP LOCK INTO A Ø3.00±0.08 [Ø.118±.003] HOLE  
 4. INSERTS THROUGH A 3.18-4.00 [Ø.125-.157] HOLE IN HEATSINK

526676

Mfrs. List No.	Order Code	1+	12+	24+
HSR-1	167-5933●	5.65	5.37	5.10

PCB Card Insert/Extractor



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40

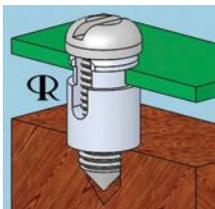


Mfrs Part No	"S"	"PCB" THICKNESS
R1209-062	.075 [1.9]	.062 [1.6]
R1209-093	.100 [2.5]	.093 [2.4]

526672

Mfrs. List No.	Order Code	1+	12+	24+
R1209-062 + RRP-375	167-5890●	22.97	21.82	20.73
R1209-093 + RRP-375	167-5891●	22.97	21.82	20.73

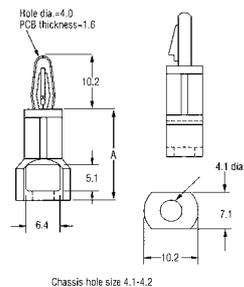
Self Retaining Spacer



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40



Snap Rivet Fixing



- Designed to mount easily on chassis with plastic rivet
- Button head on rivet provides minimal protrusion
- Locking releasable bayonet
- Natural colour nylon 6.6
- Rivet colour Black

Note: Rivets should be ordered separately

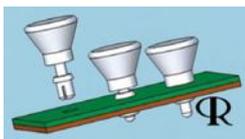
214011

Support	A (mm)	Order Code	Price Per Pack
	9.5	154-520●	1.29
	12.7	154-532●	1.32
	15.9	154-544●	1.33
	19.1	154-556●	1.36
	25.4	154-568●	1.40
100 Per Pack Chassis Thickness Rivet		Order Code	Price Per Pack
		126-1720●	4.81

Over 480,000 products online



Snap Rivet T Type



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40



Mfrs Part No	Hole Diameter	Thickness
SRT - 3035	3.1 - 3.2	1.0 - 2.0
SRT - 3045	3.1 - 3.2	2.0 - 3.0
SRT - 3055	3.1 - 3.2	3.0 - 4.0
SRT - 3075	3.1 - 3.2	4.0 - 5.0
SRT - 3080	3.1 - 3.2	5.0 - 6.0
SRT - 3535	3.6 - 3.7	5.5 - 6.5
SRT - 3545	3.6 - 3.7	1.0 - 2.0
SRT - 3555	3.6 - 3.7	2.0 - 3.0
SRT - 3570	3.6 - 3.7	3.0 - 3.7
SRT - 3580	3.6 - 3.7	3.8 - 5.2
SRT - 4050	4.1 - 4.2	5.3 - 6.5
SRT - 4060	4.1 - 4.2	2.5 - 3.5
SRT - 4070	4.1 - 4.2	3.5 - 4.5
SRT - 4080	4.1 - 4.2	4.5 - 5.5
SRT - 4090	4.1 - 4.2	5.5 - 6.5
SRT - 4100	4.1 - 4.2	6.5 - 7.5

526674

Mfrs. List No.	Order Code	Price Each		
		1+	12+	24+
SRT-3035	167-5909●	5.63	5.35	5.08
SRT-3045	167-5910●	5.70	5.42	5.15
SRT-3055	167-5911●	5.75	5.47	5.20
SRT-3065	167-5912●	5.75	5.47	5.20
SRT-3075	167-5913●	5.75	5.47	5.20
SRT3080	167-5914●	5.90	5.61	5.32
SRT-3535	167-5915●	4.57	4.35	4.13
SRT-3545	167-5917●	5.64	5.36	5.09
SRT-3555	167-5918●	5.83	5.54	5.26
SRT-3570	167-5919●	5.90	5.61	5.32
SRT-3580	167-5920●	4.76	4.52	4.30
SRT-4050	167-5921●	6.42	6.09	5.79
SRT-4060	167-5922●	6.48	6.15	5.85
SRT-4070	167-5923●	4.85	4.61	4.38
SRT-4080	167-5924●	6.02	5.71	5.43
SRT-4100	167-5927●	6.12	5.81	5.52
SRT-4100	167-5927●	6.12	5.81	5.52

Unscrewing Snap Rivet



- No installation tool required
- To install, press head, which expands rivet base, locking it into position
- Manufactured in Nylon 6.6
- Sell pack quantity 40



Mfrs Part No	Hole Diameter	Thickness
USR 1131	5.0	4.0 - 7.0
USR 1132	6.0	4.0 - 7.0
USR 1133	8.0	3.0 - 10.0

526675

Mfrs. List No.	Order Code	Price Each		
		1+	12+	24+
USR-1131	167-5929●	12.54	11.92	11.32
SW83	167-6931●	7.88	7.64	7.41
USR-1133	167-5932●	4.25	4.04	3.83

Self Lock



- Manufactured from nylon 6.6
- Meets UL94V-2 standard
- Type 1 – Wide ribs with locking fingers secure rigid fit with extra stability
- Type 2 – Small footprint, designed to use minimum board area – Suitable for 1.6mm thick boards
- Type 3 – Screw fixing at one end snap in self lock at the other – Attached chassis by No.6. Self tapping screw (not supplied)
- Type 4 – Suitable for fixing through the underside of the chassis

213994

Length (mm)	Mfrs. List No.	Order Code	Price Each
<b>Type 1</b>			
4.8	R6405F00	861-522●	1.50
6.4	R6406F00	861-534●	1.58
9.6	R6410F00	861-546●	1.66
19.1	R6419F00	861-558●	2.12
35	R6435F00	861-560●	2.42
<b>Type 2</b>			
3.2	R6003F00	861-571●	1.48
6.3	R6006F00	861-583●	1.63
9.5	R6009F00	861-595●	1.90
10.5	R6010F00	861-601●	1.51
12.7	R6013F00	861-613●	2.03

Length (mm)	Mfrs. List No.	Order Code	Price Each
<b>Type 3</b>			
5	R6505-00	957-331●	1.47
9.6	R6510-00	957-343●	1.61
12.7	R6513-00	957-355●	1.51
19.1	R6519-00	957-367●	2.09
<b>Type 4</b>			
6.4	R6706-00	957-379●	1.47
8	R6708-00	957-380●	1.98
9.6	R6710-00	957-392●	2.03
14	R6714-00	957-409●	2.57

Spacers

Nylon Insulating 'Transpillars'



Circular



Style 1      Style 2      Style 3

Metric

Insulator Length (mm)	Thread Size	Length of Th'd'd Stud (mm)	Depth of Th'd'd Bush (mm)	Insulator Diameter (mm)	Overall Length (mm)	Mfrs. List No.	Order Code
<b>Style 1</b>							
13	M3	6.5	—	7	26	9831.31	147-937
25	M3	6.5	—	7	38	9832.51	147-938
22	M4	9.5	—	9.5	41	9842.21	147-939
22	M5	12.5	—	12.5	47	9852.21	147-940
38	M5	12.5	—	12.5	63	9853.81	147-941
32	M6	12.5	—	16	57	9863.21	147-942
38	M6	12.5	—	16	63	9863.81	147-943
<b>Style 2</b>							
13	M3	6.5	4.5	7	19.5	9831.32	147-944
25	M3	6.5	4.5	7	31.5	9832.52	147-945
16	M4	9.5	6.5	9.5	25.5	9841.62	147-946
25	M4	9.5	6.5	9.5	34.5	9842.52	147-947
38	M4	9.5	6.5	9.5	47.5	9843.82	147-948
22	M5	12.5	8	12.5	34.5	9852.22	147-949
25	M5	12.5	8	12.5	37.5	9852.52	147-950
38	M5	12.5	8	12.5	50.5	9853.82	147-951
45	M5	12.5	8	12.5	57.5	9854.52	147-952
51	M5	12.5	8	12.5	63.5	9855.12	147-953
32	M6	12.5	12.5	16	44.5	9863.22	147-954
38	M6	12.5	12.5	16	50.5	9863.82	147-955
51	M6	12.5	12.5	16	63.5	9865.12	147-956
<b>Style 3</b>							
13	M3	—	4.5	7	13	9831.33	147-957
25	M3	—	4.5	7	25	9832.53	147-958
32	M3	—	4.5	7	32	9833.23	147-959
38	M3	—	4.5	7	38	9833.83	147-960
16	M4	—	6.5	9.5	16	9841.63	147-961
19	M4	—	6.5	9.5	19	9841.93	147-962
25	M4	—	6.5	9.5	25	9842.53	147-963
51	M4	—	6.5	12.5	51	9690.01	147-964
22	M5	—	8	12.5	22	9852.23	147-965
64	M5	—	8	12.5	64	9856.43	147-966
32	M6	—	12.5	16	32	9863.23	147-967
51	M6	—	12.5	16	51	9865.13	147-968

214133

Insulator Length (mm)	Thread Size	Order Code	Price Each
<b>Style 1</b>			
13	M3	147-937	1.05
25	M3	147-938	0.91
22	M4	147-939	1.07
22	M5	147-940	1.18
38	M5	147-941	0.45
32	M6	147-942	1.19
38	M6	147-943	0.32
<b>Style 2</b>			
13	M3	147-944●	1.50
25	M3	147-945●	1.09
16	M4	147-946	1.09
25	M4	147-947	1.11
38	M4	147-948	1.20
22	M5	147-949	1.29
25	M5	147-950●	1.26
38	M5	147-951	1.27
45	M5	147-952	1.31
51	M5	147-953	1.33
32	M6	147-954	1.51
38	M6	147-955	1.53
51	M6	147-956	1.47
<b>Style 3</b>			
13	M3	147-957	1.62
25	M3	147-958●	1.17
32	M3	147-959	1.07
38	M3	147-960●	1.27
16	M4	147-961	1.16
19	M4	147-962	0.70
25	M4	147-963●	1.18
51	M4	147-964	1.43
22	M5	147-965●	1.29
64	M5	147-966	1.55
32	M6	147-967	1.67
51	M6	147-968	1.49



Spacers - continued

Nylon Insulating Transpillars

Hexagonal



Style 1    Style 2    Style 3

Metric

Insulator Length (mm)	Th'd Size	Length of Th'd'd Stud (mm)	Depth of Thr'd'd Bush (mm)	Insulated Dia. (across flats) (mm)	Overall Length (mm)	Order Code
<b>Style 1</b>						
13	M3	6.5	—	7	26	627-100
25	M3	6.5	—	7	38	627-112
22	M4	9.5	—	10	41	627-124
22	M5	12.5	—	13	47	627-136
32	M6	12.5	—	16	57	627-148
<b>Style 2</b>						
13	M3	6.5	4.5	7	19.5	627-150
25	M3	6.5	4.5	7	31.5	627-161
16	M4	9.5	6.5	10	25.5	627-173
25	M4	9.5	6.5	10	34.5	627-185
38	M4	9.5	6.5	10	47.5	627-197
22	M5	12.5	8	13	34.5	627-203
25	M5	12.5	8	13	37.5	627-215
38	M5	12.5	8	13	50.5	627-227
45	M5	12.5	8	13	57.5	627-239
51	M5	12.5	8	13	63.5	627-240
32	M6	12.5	8	16	44.5	627-252
38	M6	12.5	8	16	50.5	627-264
51	M6	12.5	8	16	63.5	627-276
<b>Style 3</b>						
13	M3	—	4.5	7	13	627-288
25	M3	—	4.5	7	25	627-290
32	M3	—	4.5	7	32	627-306
38	M3	—	4.5	7	38	627-318
16	M4	—	6.5	10	16	627-320
19	M4	—	6.5	10	19	627-331
25	M4	—	6.5	10	25	627-343
51	M4	—	6.5	10	51	627-355
22	M5	—	8	13	22	627-367
64	M5	—	8	13	64	627-379
32	M6	—	8	16	16	627-380
51	M6	—	8	16	51	627-392

246761

Insulator Length (mm)	Thread Size	Order Code	Price Each
<b>Style 1</b>			
13	M3	627-100	1.15
25	M3	627-112	1.21
22	M4	627-124	1.16
22	M5	627-136	1.23
32	M6	627-148	1.34
<b>Style 2</b>			
13	M3	627-150	1.20
25	M3	627-161	1.20
16	M4	627-173	1.22
25	M4	627-185	1.22
38	M4	627-197	1.27
22	M5	627-203	1.39
25	M5	627-215	1.39
38	M5	627-227	1.37
45	M5	627-239	1.44
51	M5	627-240	1.45
32	M6	627-252	1.65
38	M6	627-264	1.65
51	M6	627-276	1.67
<b>Style 3</b>			
13	M3	627-288	1.22
25	M3	627-290	1.28
32	M3	627-306	1.28
38	M3	627-318	1.33
16	M4	627-320	1.27
19	M4	627-331	1.29
25	M4	627-343	1.24
51	M4	627-355	1.59
22	M5	627-367	1.42
64	M5	627-379	1.71
32	M6	627-380	1.83
51	M6	627-392	1.84

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Hexagonal and Circular



PVC ‡ AF=6.5, ID=3.0



Nylon OD=5.0, ID=3.2  
OD=6.5, ID=4.3



Aluminium OD=5, ID=3.3

Hexagonal, PVC

- Rigid
- Non-conductive
- Hard wearing

Fixing Hexagonal, PVC  
Circular, Nylon OD=6.35  
Circular, Nylon OD=8.0  
Circular, Aluminium

Circular, Nylon

- Non-conductive
- Cost effective

Self Tapping Screw No.6

Circular, Aluminium

- Heat and electrically conductive

Clearance Screw 6BA/M2.5  
6BA/M3/4.40 UNC  
4BA/4BA/6.32 UNC  
6BA/M3

214132

25 Per Pack	Length (mm)	Order Code	Price Per Pack
<b>PVC Hexagonal</b>			
	3	359-154	1.89
	5	359-166	1.96
	6.4	359-180	1.99
	8	359-191	2.10
	18	359-270	2.31
	25	359-312	1.36
<b>Nylon Circular OD=5.0</b>			
	3	666-865	1.21
	5	666-877	1.33
	8	666-889	1.47
	10	666-890	1.52
	15	666-907	1.69
<b>OD=6.5</b>			
	3	666-919	1.36
	5	666-920	1.48
	8	666-932	1.53
	10	666-944	1.57
	15	666-956	1.81
<b>Aluminium Circular</b>			
	3	151-044	2.62
	6	146-322	2.53
	8	151-045	2.83
	12	146-323	3.83
	20	146-324	7.39

Hexagonal, Brass Nickel Plated



Style 1  
Hole=M3 Tapped  
AF=5

Style 2  
Hole/Stud=M3 Tapped  
AF=5, Stud length=6  
Hole/Stud=M4 Tapped  
AF=7, Stud length=8

A range of threaded spacers available in 2 styles, female to female or male to female.

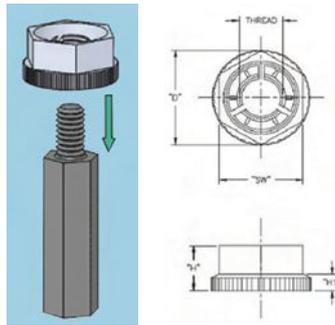
213886

25 Per Pack	Length (mm)	Order Code	1+	4+	10+
<b>Style 1 M3</b>					
	5	890-807	3.68	3.58	3.46
	6	517-525	1.89	1.84	1.79
	8	517-537	2.66	2.58	2.51
	10	517-549	2.52	2.43	2.37
	12	517-550	3.11	3.01	2.93
	14	517-562	3.30	3.20	3.12
	16	517-574	3.39	3.29	3.18
	18	517-586	3.17	3.07	2.99
	20	517-598	3.54	3.43	3.33
	25.4	517-604	5.71	5.53	5.36
	30	890-819	4.89	4.74	4.61
<b>M4</b>					
	6	957-069	4.36	4.22	4.11
	8	957-070	5.17	5.02	4.88
	10	957-082	5.20	5.05	4.88
	12	957-094	4.99	4.85	4.70
	14	957-100	5.28	5.13	4.96
	16	957-112	6.62	6.43	6.21
	18	957-124	6.13	5.94	5.77
	20	957-136	6.13	5.94	5.77
	25	957-148	8.84	8.60	8.34
<b>Style 2 M3</b>					
	11	517-616	3.15	3.06	2.97
	12	517-628	3.92	3.79	3.68
	14	517-630	3.79	3.68	3.58
	16	517-641	4.03	3.92	3.79
	18	517-653	4.19	4.06	3.95
	22	517-665	4.24	4.11	4.00
	24	517-677	4.52	4.37	4.24



25 Per Pack			Price Per Pack			
Style 2						
26	6	517-689●	5.30	5.14	4.99	
31	6	517-690●	5.97	5.78	5.61	
36	6	890-820●	9.50	9.22	8.94	
M4						
14	2.5	890-832●	5.82	5.63	5.48	
16	4.5	890-844●	4.78	4.64	4.51	
18	6.5	890-856●	4.58	4.44	4.30	
20	8	890-868●	4.87	4.73	4.58	
24	8	890-870●	7.55	7.32	7.11	
26	8	890-881●	8.02	7.79	7.54	
28	8	890-893●	7.64	7.41	7.19	
33	8	890-900●	8.62	8.35	8.09	
38	8	890-911●	9.09	8.82	8.57	

KNF Kwik Nut Fastener



Designed to be press fit over threaded stud. To install, push down the length of the threaded fastener to desired location and lock with a 180° turn. To unscrew, remove with a wrench. Material : Nylon 66 RMS - 48 Colour : Black Pack quantity : 100

Mfrs. List No.	Thread (" / (mm))	"SW" (" / (mm))	"D" (" / (mm))	"H" (" / (mm))	"H1" (" / (mm))
KNF 30	M3	.28 (7)	.32 (8.2)	.15 (4.0)	.06 (1.5)
KNF 40	M4	.32 (8)	.37 (9.4)	.19 (4.7)	.06 (1.5)
KNF 50	M5	.39 (10)	.46 (11.7)	.23 (5.8)	.08 (2.0)
KNF 60	M6	.51 (13)	.60 (15.2)	.28 (7.0)	.10 (2.5)

496310

Mfrs. List No	Order Code	Price Per Pack (100)
KNF 30	126-1814●	8.72
KNF 40	126-1815●	10.90
KNF 50	126-1817●	9.96
KNF 60	126-1818●	8.72

Screw Insulators Nylon 6.6



- Used to insulate metal screws
- Resist corrosion
- Excellent electrical insulators
- Can be used as light load bearings

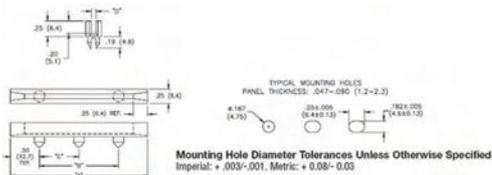
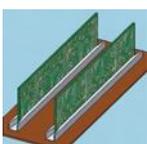
229822

50 Per Pack		Length (mm)	Order Code	Price Per Pack
M2	3		891-356	1.85
	4		891-368	1.85
M3	2		891-370	2.13
	3		891-381	2.16
	4		891-393	2.19
	5		891-400	2.21
	6		891-411	2.26
	7		891-423	2.29
M4	8		891-435	2.33
	3		891-447	1.67
	4		891-459	2.19
	5		891-460	2.26
M5	7		891-472	2.33
	9		891-484	2.39
	3		891-496	2.26
	4		891-502	2.33
	5		891-514	2.39
M6	7		891-526	2.44
	9		891-538	1.28
	4		891-540	2.59
	6		891-551	2.66
M8	8		891-563	2.73
	12		891-575	2.77
	4		891-587	2.77
	6		891-599	2.83
	8		891-605	1.49
	12		891-617	2.16

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RDC Deep Channel Card Guide



Allows for maximum board retention for high vibration, shock applications and wide boards. Funnel entry for board insertion. Material : Glass Filled Nylon UL94 V0, RMS66 Pack quantity : 25 Colour : Black

Mfrs. List No.	"A" ref (" / (mm))	"B" ± 0.025 (± 0.63) (" / (mm))	"C" ± 0.015 (± 0.38) (" / (mm))	Normal Board Thickness (" / (mm))	"D" ± .005 (± 0.13) (" / (mm))
RDC-250	2.5 (63.5)	1.5 (38.1)	-	1/16 (1.6)	.080 (2.0)
RDC-450	4.5 (114.3)	3.5 (88.9)	-	1/16 (1.6)	.080 (2.0)
RDC-600	6.0 (152.4)	5.0 (127.0)	-	1/16 (1.6)	.080 (2.0)
RDC-800	8.0 (203.2)	7.0 (177.8)	3.5 (88.9)	1/16 (1.6)	.080 (2.0)

496317

Mfrs. List No.	Order Code	Price Per Pack (25)
RDC-250	126-1806●	14.00
RDC-450	126-1807●	14.54
RDC-600	126-1808●	15.09
RDC-800	126-1809●	15.62

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