

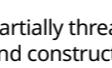


FASTENERS SELECTION GUIDE



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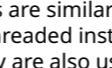
COMMON FASTENER TYPES



Hex bolts
Hex bolts are partially threaded and are used in machinery and construction applications. Can be used with a nut or in a tapped hole and are tightened with a wrench.



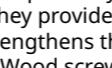
Coach/Carriage Bolts
Coach bolts, also known as Carriage bolts, have a domed head with a square section underneath that pulls into the material or a square hole to prevent spinning during installation.



Hex set screws
Hex set screws are similar to the Hex bolt but are fully threaded instead of partially threaded. They are also used in machinery and construction applications and can be used with a nut or in a tapped hole.



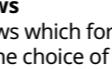
Nuts
Nuts are used with machine threaded fasteners in through-hole applications. Hex nuts are the most common type and are for general-purpose fastening applications. Other types are chosen depending on the application required. These include locking nuts, which are used when a greater resistance to vibrations and torque is required.



Wood screws
Wood screws are primarily used in carpentry applications. They provide a strong clamping force which strengthens the joint between two materials. Wood screws are suitable for fixing hinges, bolts, locks and other door hardware.



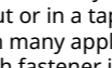
Connecting or coupling nuts are used to provide spacing between component parts of an assembly.



Self-drilling, Self-tapping and Thread-forming screws
These are screws which form a thread as they are inserted. The choice of screw used will depend upon the material, its thickness and the application. A pilot hole may be required.



Washers
Washers are generally used with a machine threaded fastener and nut to spread the load over a greater surface area when tightening a bolt, screw or nut.



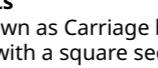
Machine screws
Machine screws are fully threaded and are used with a nut or in a tapped hole. They can be used in many applications where a high strength fastener is not required. The drive type dictates the appropriate screwdriver required.



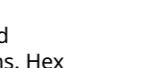
Sems Screws
Sems screws are screw/washer assemblies used to speed assembly of parts in a production environment. They contain an integral, spinning captive washer in a variety of forms.



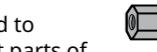
Coach Screws
Also known as lag screws or lag bolts, coach screws are heavy duty fasteners for fastening metal pieces with timber and also to fasten heavy timbers. With a square or hexagonal head, they have an externally threaded cylindrical shaft that tapers to a point.



Roofing Bolts
Commonly used for joining two flat surfaces together. Typical applications include cable tray fixing as well as fencing and roofing, roofing bolts generally have a single/cross-slot mushroom head and are supplied with a square or hex nut.



Screw Insulators
Used primarily for the isolation of metal screws, screw insulators are also known as shoulder washers. They can be inserted into a housing to provide a bearing surface for rotary applications.



Standoffs
Standoffs are threaded spacers made of nylon, for insulation, steel or brass. Used in different body lengths to provide a set spacing distance between two component parts, they are supplied in various male/female gender types.



Hose clips and P-clips
Hose clips are used to clamp, and seal, a hose to an outlet or inlet pipe. Various tightening methods are available depending on the application. P-clips are single piece clips for securing cables, hoses and pipes. Typically used where there is a possibility of chafing and damage to surrounding components in equipment.



Sign clamps
Used as a quick and reliable method of fixing signs, letter bins, boxes etc to posts, sign clamps can be cut to length which avoids wastage. Supplied in stainless steel and with 7-sided screw head for security purposes.

FASTENER MATERIALS & FINISHES

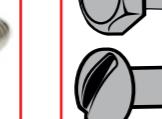
Zinc plated steel

Zinc plating provides moderate corrosion resistance suitable for indoor use in a dry environment.



Chrome and nickel plated steel

Chrome and nickel plated steel have a smooth, polished appearance and are used where a decorative finish is desired. The nickel plating gives moderate corrosion resistance.



Stainless steel

Stainless steel offers good corrosion resistance, making it suitable for outdoor applications, but is more expensive than zinc plated or galvanised steel.

The two most common grades of stainless steel are A2 (304) and A4 (316). Both grades will offer a good form of corrosion resistance and both are able to handle low (cryogenic) and high temperatures. A4 grade has a higher corrosion resistance than A2 grade and should be chosen in higher corrosive and chemical environments, including contact with dilute sulphuric acid and acetic acid. A4 should be chosen for marine conditions.



Brass

Brass is a copper alloy which is more expensive than steel but provides a better level of corrosion resistance. It is used when a decorative finish is required and also in marine applications. It can be Nickel Plated or Self Colour.



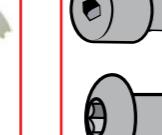
Alloy steel

Alloy steel is used when a high strength fastener is required. Usually produced with a black self colour finish which offers little corrosion resistance and so is not recommended for outdoor use.



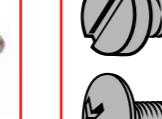
Nylon

Nylon fasteners offer good value and are ideal where a corrosion-free, lightweight solution is required. They offer good insulation resistance and can be used in high voltage assemblies.



Titanium

Titanium fasteners are non-toxic and offer lightness and very high corrosion resistance that makes them ideal for where these attributes are vital. Comparatively more expensive than other types.



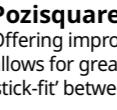
DRIVE TYPES

Slotted

Highly versatile, most commonly used in woodworking applications.

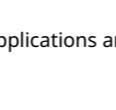
Cross Recess

An improved version of the traditional Phillips drive. Cross Recess are less likely to cam out and allow for greater torque pressure.



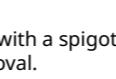
Pozisquare/Phillips

Offering improved contact over standard slotted drives, Pozisquare allows for greater torque to be applied over slotted drive. gives a 'stick-fit' between driver and screw.



Torx

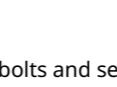
Very common in automotive applications and highly resistant to slippage or cam-out.



Hex socket

Used with a Hex key in applications where there is limited space.

HEAD TYPES



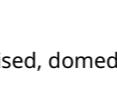
Hex

Used for larger bolts and set screws. Fastened with a spanner or socket.



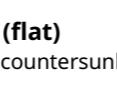
Round

Often chosen for decorative purposes, round heads are domed and have either Cross Recess or slotted drive.



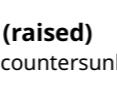
Pan

Consists of a raised, domed head which sits above the material surface.



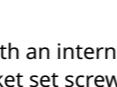
Countersunk (flat)

Fastened into a countersunk hole with head sitting flush with the material surface.



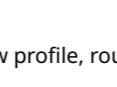
Countersunk (raised)

Fastened into a countersunk hole and with an oval, raised head for decorative purposes.



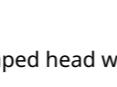
Socket

Narrow head with an internal hex socket drive. A headless version is available and is known as a socket set screw or grub screw.



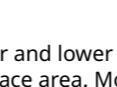
Button

Consists of a low profile, rounded, dome-shaped head, typically with a hex socket drive.



Cheese

A cylindrical shaped head with straight sides that sits above the material surface.



Mushroom

Larger diameter and lower profile than round head, mushroom is slightly domed with an extra large surface area. Most commonly seen with slot or cross slot.

GRADES AND STRENGTHS

The fastener grade indicates the mechanical properties of the material and is stamped onto the head of a bolt or screw.

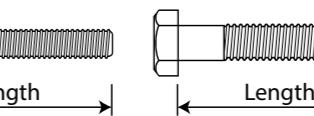
A higher number indicates a stronger, more hardened material. So grade 12.9 will be stronger than 10.9.

A manufacturer's stamp may also be marked.



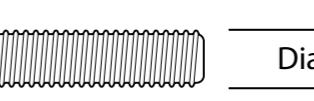
MEASURING LENGTH

Countersunk fasteners are measured over the **whole length**. All other types are measured from **under the head**. Fastener length is measured from where the material surface is assumed to be, to the end of the fastener.



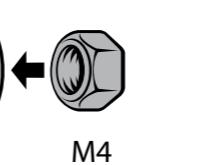
MEASURING DIAMETER

The diameter is measured **across** the threaded portion on the **outside of the thread**.



THREAD PITCH

Metric fasteners have a specific thread pitch depending on the size and thread type of the fastener.



Generally the thread pitch is the distance between threads expressed in millimetres (measured along the length of the fastener). For example a thread pitch of 1.5 means that the distance between one thread and the next is 1.5mm.

HOSE CLIPS, P-CLIPS & SIGN CLAMPS

Hose Clips

Typically fitted with a worm drive, hose clips are suited to most day-to-day requirements for connecting hose. Industry sectors including automotive, industrial, agricultural, construction and the DIY market make widespread use of hose clips for both pneumatic and hydraulic applications.



The corrosion resistance of A2 (304) grade clips makes them ideal for use in the marine, oil, gas and the food industry as well as the agricultural, hardware and industrial markets.

Our A4 (316) range offer the highest level of corrosion resistance for use within ship building and maintenance, plus food and chemical industries.



P-Clips

When secure clamping of pipes, conduits or cables is a requirement, P-clips provide the best solution. The one-piece construction gives strength while a rubber liner, suitable for wide range of operating temperatures, helps limit vibration and chafing of the cable or pipe.

Our range includes mild steel for general industrial applications and A2 (304) grade stainless steel for demanding and corrosive environments.



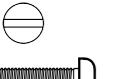
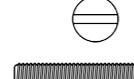
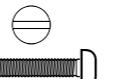
Sign Clamps and Banding

Designed specifically for the fixing of signs, bins, boxes, street furniture and CCTV systems to a holding post, sign clamps can be cut to size and offer tamper/vandal resistance to the screw or fixing. Banding and banding kits give you the flexibility to cut to length and create specific fixings suited to an application.

POZI / SLOTTED / TORX

M2 - M3

RS PRO

	Pan Head Slotted DIN 85					Pan Head Cross Recess DIN 7985					Pan Head Torx DIN 7985T	Csk Head Slotted DIN 963				Csk Head Cross Recess DIN 965			Csk Raised Head Slotted DIN 964	Csk Head Torx DIN 965T	Cheese Head Slot ted DIN 84			
	 B2P Nickel Plated Brass Brass A2 A4 B2P Nickel Plated Brass Black ZP A2 A4					 B2P Nickel Plated Brass Black ZP A2 A4					 B2P Nickel Plated Brass A2 A4	 B2P Nickel Plated Brass A2 A4				 B2P Nickel Plated Brass A2 A4			 B2P Nickel Plated Brass	 B2P Nickel Plated Brass	 B2P Nickel Plated Brass			
		B2P	Nickel Plated Brass	Brass	A2	A4	B2P	Nickel Plated Brass	Black ZP	A2	A4	B2P	Nickel Plated Brass	A2	A4	B2P	Nickel Plated Brass	A2	B2P	Nickel Plated Brass				
M2 x 3mm					914-1560																			
M2 x 4mm									914-1462					914-1624			914-1759							
M2 x 5mm				914-1563					914-1466					914-1633										
M2 x 6mm	482-7679		526-906		560-530	482-7714		528-693					914-1636			914-1753				908-7747				
M2 x 8mm					908-7637			914-1475						914-1762										
M2 x 10mm					908-7646			914-1478																
M2 x 12mm	560-710	482-8458		526-912		560-546	483-0035		528-700				482-9114						908-7740					
M2 x 16mm													482-9120											
M2.5 x 5mm					908-7649			914-1472					914-1630											
M2.5 x 6mm	560-726	482-8464		526-928		560-552	483-0041		528-716		482-7455		448-7940	482-9142	914-1649		908-7463			546-6102	482-9726			
M2.5 x 8mm				914-1567		908-7643			914-1481					908-7472						914-1784				
M2.5 x 10mm	908-7582		914-1576		908-7652			797-6190				908-7356			908-7475			546-6118	482-9732					
M2.5 x 12mm	482-8470		526-934		560-568	483-0057		528-722		482-7887			482-9158			908-7479			546-6124	482-7708				
M2.5 x 16mm			130-606		908-7655	483-0063		914-1484				482-9164												
M2.5 x 20mm	560-748	482-8492		914-1579		560-574	483-0079		914-1488				482-9170						546-6146	482-9748				
M2.5 x 25mm	482-8509					483-0085																		
M3 x 4mm					908-7659																			
M3 x 5mm				914-1573		908-7668			914-1497				914-1642			914-1765								
M3 x 6mm	560-754	482-8515	483-1381	526-940	189-298	560-580	483-0091	483-0934	528-738	190-428	482-7893	262-5847	553-841	482-9186	527-151	158-3332	553-396	528-946	158-3562	482-7691	546-6152	482-9754		
M3 x 8mm	908-7586			914-1582	189-305	908-7661			797-6193	190-434			908-7368		914-1646	914-1863	908-7481	914-1769	914-1942		908-7744			
M3 x 10mm	560-760			526-956	189-311	560-596		483-0940	528-744	190-440		908-7362			914-1866	908-7485	914-1778	914-1945			546-6168	482-9760		
M3 x 12mm	560-776	482-8521	483-1397	526-962	189-327	560-603	483-0108	483-0962	528-750	190-456	482-7900	262-5853	553-857	482-9192	527-167	158-3348	553-403	528-952	158-3578	482-9518	262-5651	546-6174		
M3 x 16mm	560-782	482-8537		526-978	189-333	560-619	483-0114		528-766	190-462			908-7371	482-9209		158-3354	908-7494	914-1771	158-3584	482-9524		546-6180	482-9782	
M3 x 20mm	560-798	482-8543	483-1410	526-984		560-625	483-0120		528-772	190-478	482-7916		553-863	482-9215	914-1655	158-3360	553-419	528-968	158-3590			546-6196		
M3 x 25mm	560-805			130-612		560-631	483-0136		914-1490				908-7374				914-1775				546-6203	482-9811		
M3 x 30mm	482-8571	483-1432	130-628		560-647	483-0142		914-1494					482-9221	914-1658										

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RS PRO

M3.5 - M5

	Pan Head Slotted DIN 85					Pan Head Cross Recess DIN 7985					Pan Head Torx DIN 7985T	Csk Head Slotted DIN 963				Csk Head Cross Recess DIN 965			Csk Raised Head Slotted DIN 964	Csk Head Torx DIN 965T	Cheese Head Slotted DIN 84
B2P Nickel Plated Brass Brass A2 A4 B2P Nickel Plated Brass Black ZP A2 A4					B2P Nickel Plated Brass Black ZP A2 A4					B2P Nickel Plated Brass A2 A4	B2P Nickel Plated Brass A2 A4				B2P Nickel Plated Brass A2 A4			B2P Nickel Plated Brass	B2P Nickel Plated Brass	B2P Nickel Plated Brass	
	B2P	Nickel Plated Brass	Brass	A2	A4	B2P	Nickel Plated Brass	Black ZP	A2	A4	B2P	A2	A4	B2P	Nickel Plated Brass	A2	B2P	Nickel Plated Brass			

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POZI / SLOTTED / TORX

M5 - M8

RS PRO

	Pan Head Slotted DIN 85					Pan Head Cross Recess DIN 7985					Pan Head Torx DIN 7985T	Csk Head Slotted DIN 963				Csk Head Cross Recess DIN 965			Csk Raised Head Slotted DIN 964	Csk Head Torx DIN 965T	Cheese Head Slotted DIN 84			
	BZP	Nickel Plated Brass	Brass	A2	A4	BZP	Nickel Plated Brass	Black ZP	A2	A4	BZP	A2	BZP	Nickel Plated Brass	A2	A4	BZP	A2	A4	Nickel Plated Brass	A2	BZP	Nickel Plated Brass	
M5 x 50mm	290-089	482-8802	483-1640	130-684		908-7719			914-1526				908-7438		914-1680	914-1882	908-7548	914-1813				908-7788		
M5 x 60mm						914-1605										914-1699	914-1891							
M5 x 75mm						914-1608																		
M6 x 8mm									914-1529															
M6 x 10mm	560-114			914-1602	189-507	553-661			914-1523	190-585			908-7431		914-1894	908-7542	914-1816	914-1955				908-7797		
M6 x 12mm	560-120	516-8280	483-1656	527-117	189-513	553-677		483-1044		190-591			553-958	482-9445		914-1898	553-504	529-034	158-3714				546-6360	482-9978
M6 x 16mm	560-136	482-8824	483-1662	527-123	189-529	553-683		483-1050	528-918	190-608			546-1589		914-1696	158-3506	553-510	914-1810	158-3720				262-5819	546-6376
M6 x 20mm	560-142	482-8830	483-1678	527-139	189-535	553-699		483-1066	528-924	190-614	482-8026	262-6036	553-970			158-3528	553-526	529-040	158-3742				546-6382	
M6 x 25mm	560-158	482-8852	483-1690	527-145	189-541	553-706			528-930	190-620	482-8032	262-6042	546-1595	482-9473	527-331	158-3534	553-532	529-056	158-3758				262-5831	546-6398
M6 x 30mm	908-7618	482-8868	483-1707	130-690	189-557	908-7712			914-1532	190-636			908-7435		914-1706	158-3540	908-7551	914-1829	158-3764				546-6405	
M6 x 35mm	908-7611			914-1611					914-1535				908-7444		914-1709			914-1822						
M6 x 40mm	560-164	482-8874		130-707		553-712			914-1539				553-992	482-9495	914-1703		553-548	914-1826	158-3770				908-7790	
M6 x 45mm																914-1908		914-1835						
M6 x 50mm	290-095			130-713					914-1548				908-7447		914-1712		908-7558	914-1838				908-7794		
M6 x 60mm					130-729				914-1541				908-7441		914-1715		908-7567							
M6 x 70mm					914-1614											914-1719								
M6 x 75mm																914-1728								
M6 x 80mm																	914-1917							
M8 x 12mm				914-1618					914-1545															
M8 x 16mm	908-7615					908-7725											914-1721							
M8 x 20mm	908-7624			130-757		908-7728			914-1557				908-7450		914-1725	914-1911	908-7560							
M8 x 25mm				914-1627	914-1854	908-7722			914-1551				908-7453		914-1734	914-1920		914-1832						
M8 x 30mm				130-779		908-7731							908-7457		914-1737		908-7573	914-1841						
M8 x 35mm	908-7576															914-1731		908-7576						
M8 x 40mm	908-7630			130-791		908-7734							908-7466		914-1740	914-1927	908-7570	914-1844						
M8 x 45mm																								
M8 x 50mm	908-7633			130-814		908-7738							908-7469		914-1743	914-1939	908-7589							
M8 x 60mm																914-1747	914-1933							

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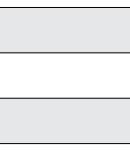
Fasteners Selection Guide 9

M5 - M8

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M3 - M6

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	Pan Head Cross Recess Sems Screw External Shake Proof Washer	Pan Head Cross Recess Sems Screw Plain Flat Washer	Pan Head Cross Recess Sems Screw Spring Washer
BZP			
M3 x 6mm	278-641	278-821	279-149
M3 x 12mm	278-657	278-837	279-155
M4 x 6mm	278-685	278-865	279-183
M4 x 12mm	278-691	278-871	279-199
M4 x 16mm	278-708		
M5 x 10mm	278-736	278-916	279-234
M5 x 16mm	278-742	278-922	279-240
M6 x 12mm	278-770	278-950	279-278
M6 x 16mm	278-786	278-966	279-284
M6 x 20mm		278-972	

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Fasteners Selection Guide 9

	Hex Socket Csk Screw				Hex Socket Button Screw ISO 7380				Hex Socket Shoulder Screw ISO 7379		Hex Socket Cap Screw DIN 912				Grub Screw / Socket Set Screw DIN 916		Hex Head Bolt DIN 931		Hex Head Set Screw DIN 933													
																																
	BZP	Black Self Colour	A2	A4	BZP	Black Self Colour	A2	A4	Black Self Colour	BZP	Black Self Colour	A2	A4	Titanium	Black Self Colour	A2	A4	BZP	Brass	A2	A4											
M2 x 3mm														431-965																		
M2 x 4mm										293-274																						
M2 x 6mm										293-280				432-637																		
M2 x 12mm										293-296																						
M2.5 x 3mm													431-993																			
M2.5 x 4mm										293-303																						
M2.5 x 6mm										483-8124	281-647			432-637																		
M2.5 x 12mm										483-8130	281-653																					
M3 x 3mm													529-905	137-714	187-0670																	
M3 x 5mm						822-9094																										
M3 x 6mm	281-372		304-4788	822-9155	822-9098					483-8146	467-9773	280-981	187-1207	529-911	137-720	187-0686																
M3 x 8mm	483-9751	281-388		304-4918	483-9543	281-186	183-8597	232-8142		483-8168	467-9789	280-997	187-1213		124-7389																	
M3 x 10mm	483-9773	281-394	171-792		483-9559	281-192	183-8604	232-8158		483-8174	467-9795	797-6266	660-4636		124-7376		187-0692															
M3 x 12mm	483-9767	281-401	171-809		483-9565	281-209	183-8610	232-8164		491-5209	467-9802	281-007	187-1229	529-927	137-736																	
M3 x 15mm										822-9063																						
M3 x 16mm		292-423								483-8180	467-9818	281-013	187-1235																			
M3 x 20mm		292-439								483-8196	467-9824	293-319	304-4429																			
M3 x 25mm										467-9830	293-325	304-4435																				
M3 x 30mm		124-7190								467-9846	293-331	304-4615																				
M3 x 40mm										822-9060																						
M4 x 4mm													529-933	137-742	187-0709																	
M4 x 6mm						822-9164	822-9307			822-9322	822-9079			529-949	137-758	187-0715		525-773														
M4 x 8mm	483-9789	281-417	124-7216		483-9571	281-215	183-8626	232-8170		491-5215	467-9852	281-029	187-1241		124-7376	124-7390									263-2104							
M4 x 10mm	483-9795	281-423	171-815	232-8388	483-9587	281-221	183-8632	232-8186		483-8203	467-9874	797-6260	660-4639	227-8227	124-7378	124-7391			525-789		520-009	263-2110										
M4 x 12mm	483-9802	281-439	171-821	232-8394	483-9593	281-237	183-8648	232-8209		491-5221	467-9880	281-035	187-1257	529-955	137-764	187-0721			525-795		520-015	263-2126										
M4 x 16mm	483-9818	281-445	171-837	232-8401	483-9600	281-243	183-8654	232-8215		483-8225	467-9896	281-041	187-1263					525-802		520-021	263-2132											
M4 x 20mm	491-5085	292-445	124-7217	304-4895	822-9167	822-9108			483-8231	467-9903	290-102	187-1279	227-6849					527-410		520-037	263-2148											
M4 x 25mm	491-5091	292-451	124-7218		822-9161	822-9101			491-5237	467-9919	281-057	187-1285					527-426		520-043	263-2154												
M4 x 30mm	491-5108								483-8247	467-9931	290-118	187-1308	227-8249					917-2804														
M4 x 35mm									822-9072	124-7349								917-2808														
M4 x 40mm									483-8253	467-9947	293-347	304-4609						917-2817														
M4 x 50mm									822-9076	124-7350	304-4592							917-2810														
M5 x 5mm													529-961	137-770	187-0737																	
M5 x 6mm						822-9170	822-9105			124-7268				822-9338	124-7392																	
M5 x 8mm						822-9173	822-9114																									

	Hex Socket Csk Screw				Hex Socket Button Screw ISO 7380				Hex Socket Shoulder Screw ISO 7379	Hex Socket Cap Screw DIN 912				Grub Screw / Socket Set Screw DIN 916		Hex Head Bolt DIN 931		Hex Head Set Screw DIN 933									
	BZP	Black Self Colour	A2	A4	BZP	Black Self Colour	A2	A4		BZP	Black Self Colour	A2	A4	Titanium	Black Self Colour	A2	A4	BZP	Brass	A2	A4						
	M8 x 16mm	483-9925	281-546	124-7228	304-4851	483-9717	281-344	185-5794	232-8338	292-316	483-8382	529-703	281-142	187-1471		530-062	137-871	187-0850		527-498	483-2407	520-194	190-254				
M8 x 20mm	483-9931	281-552	124-7229	304-4845	483-9739	281-350	183-8777	232-8344	292-322	483-8398	529-719	281-158	187-1487		124-7382	124-7398			527-505	483-2413	520-201	190-260					
M8 x 25mm	483-9953	281-568	124-7230	304-4839	483-9745	281-366	183-8783	232-8350	292-338	491-5271	529-725	281-164	187-1493		124-7383	124-7399			527-511	483-2429	520-217	190-276					
M8 x 30mm	483-9969	292-502	124-7231	304-4823	822-9199		797-6103	304-4687	292-344	483-8405	468-0161	281-170	187-1500		124-7384		917-3138	797-6288	527-527	483-2435	520-223	190-282					
M8 x 35mm	491-5186	292-518	124-7232		822-9209	822-9133				491-5287	468-0177	293-426	187-1516				279-587	508-0900	917-2873		797-6311	190-298					
M8 x 40mm	491-5192	822-9149	917-6232	304-4801	822-9202		797-6112	304-4671	292-350	483-8411	468-0199	290-152	187-1522				279-593	508-0916	527-533	483-2441	520-239	190-305					
M8 x 45mm	124-7171		124-7233		822-9206					124-7275	468-0206	797-6272	660-4649				279-600				797-6320	190-311					
M8 x 50mm	822-9265	822-9158	124-7234	304-4794	822-9215		797-6115	304-4665		483-8427	468-0212	293-432	187-1538				279-616	508-0922	527-549		520-245	190-327					
M8 x 55mm		124-7193								124-7276	468-0228	124-7358					917-3132		917-2870		797-6323						
M8 x 60mm	822-9268	124-7194	124-7235					304-4772	292-366	483-9515	468-0234	293-448	187-1544				279-622	508-0944	917-2889		289-039	190-333					
M8 x 65mm										124-7277	822-9091						917-3141	508-0950	917-2882		797-6327						
M8 x 70mm	124-7172		124-7236							483-9521	275-052		660-4658				279-638	508-0966	917-2886		289-045						
M8 x 75mm		822-9151								124-7278		124-7359					279-644		917-2895								
M8 x 80mm	124-7173		124-7237							483-9537	468-0256	124-7360	660-4651				279-650		917-2898								
M8 x 90mm										124-7279	124-7319	124-7361					279-666	508-0972	917-2892								
M8 x 100mm			124-7238							468-0284							279-672	508-0988	917-2902								
M8 x 120mm																	917-3148										
M8 x 130mm																	917-3157										
M8 x 140mm																	917-3150										
M8 x 150mm																	917-3154		917-2905								
M10 x 10mm																	281-681										
M10 x 12mm																	281-697					917-2909					
M10 x 16mm	124-7174			822-9218					292-372	124-7280	468-0262	293-454					281-704				527-555		520-251				
M10 x 20mm	822-9262	124-7195	124-7239		822-9212					822-9316	484-0026	468-0278	293-460	304-4542				124-7385				527-561		520-267	190-349		
M10 x 25mm	822-9271	124-7196	124-7240		822-9221					292-388	484-0032	468-0290	797-6276	660-4655							527-577		520-273	190-355			
M10 x 30mm	822-9274	124-7197	124-7241	124-7258	822-9224					292-394	484-0054	468-0313	293-476	304-4520				124-7386				527-583		520-289	190-361		
M10 x 35mm	822-9278	124-7198	124-7242	124-7259	822-9228					124-7281	468-0329	797-6285	124-7372					917-3163	797-6282	917-2918		797-6336		190-377			
M10 x 40mm	822-9287	124-7199	124-7243		822-9237					292-401	484-0060	529-810	293-482	304-4514				124-7387				279-688	508-0994	527-599		520-295	190-383
M10 x 45mm	124-7175	124-7200	124-7244							124-7282	275-096	124-7362						279-694		917-2911		797-6339		190-399			
M10 x 50mm	822-9280	124-7201	917-6241	124-7261	822-9230					822-9319	484-0076	529-826	293-498	304-4508				124-7388				279-701	508-1010	527-606		520-302	190-406
M10 x 55mm	124-7176									124-7283	275-103							917-3166	797-6291	917-2915							
M10 x 60mm	124-7177	124-7202	917-6244	124-7262						292-417	124-7284	529-832	293-505					279-717	508-1026	276-207		276-588		190-412			
M10 x 65mm										124-7285	468-0335	124-7363						917-3160	797-6294	917-2924							
M10 x 70mm	124-717																										

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Hex Socket Button Screw ISO 7380				Hex Socket Shoulder Screw ISO 7379	Hex Socket Cap Screw DIN 912					Grub Screw / Socket Set Screw DIN 916			Hex Head Bolt DIN 931		Hex Head Set Screw DIN 933					
BZP	Black Self Colour	A2	A4	Black Self Colour	BZP	Black Self Colour	A2	A4	Titanium	Black Self Colour	A2	A4	BZP	A2	BZP	Brass	A2	A4		
						468-0543							279-953		917-3040					
													917-3292		917-3043					
													917-3295		917-3047					
													917-3299		917-3056					
													917-3309							
													917-3302							
													917-3306		917-3059					
													917-3315							
															917-3053					
															917-3062					
						124-7339												276-702		
					124-7313	124-7340												276-718		
													917-3318							
							124-7341						279-969							
								124-7342					279-975		917-3065					
								124-7343					279-981	508-1262				276-730		
													917-3312							
									124-7316	124-7344				279-997	508-1284				276-746	
									124-7317	124-7345				277-553		917-3069				
									124-7318	124-7346				277-569	508-1307				276-752	
													917-3321							
										124-7347				277-575		917-3078				
											124-7348				277-581		917-3071			
													277-597		917-3075					

	Cross Recess Pan Self-Tapper DIN 7981C			Cross Recess CSK Self-Tapper DIN 7982C			Cross Recess Pan Self-Driller DIN 7504-N
	BZP	A2	A4	BZP	A2	A4	BZP
No. 4 x 1/4in	546-5604	521-535					
No. 4 x 3/8in	546-5610	521-541	522-1325				
No. 4 x 1/2in	546-5632	521-557	522-1410				
No. 6 x 1/4in	546-5648	521-563					
No. 6 x 3/8in	546-5654	521-579	522-1426				546-5929
No. 6 x 1/2in	546-5660	521-585	522-1432	546-5480	180-639	522-1319	546-5935
No. 6 x 5/8in		797-6119			797-6153		
No. 6 x 3/4in	546-5676	521-591	522-1448	546-5496	180-645	522-1331	546-5941
No. 6 x 1in	546-5682	797-6128			180-651		
No. 6 x 1.1/4in		797-6121			180-667		
No. 6 x 1.1/2in		797-6125					
No. 8 x 3/8in	546-5698	521-608	522-1454				
No. 8 x 1/2in	546-5705	521-614	522-1460	546-5519	180-673	522-1353	546-5957
No. 8 x 5/8in		797-6134					546-5963
No. 8 x 3/4in	546-5711	521-620	522-1476	546-5525	180-689	522-1369	546-5979
No. 8 x 1in	546-5727	521-636	522-1482	546-5531	180-695	522-1375	546-5985
No. 8 x 1.1/4in		797-6137		546-5547	180-702		
No. 8 x 1.1/2in		797-6131			797-6162		
No. 8 x 1.3/4in					797-6165		
No. 8 x 2in		797-6140			797-6169		
No. 10 x 3/8in		521-642					
No. 10 x 1/2in	546-5749	521-658	522-1498	546-5553	180-718		546-5991
No. 10 x 5/8in		797-6143					
No. 10 x 3/4in	546-5761	521-664	522-1505	546-5575	180-724	522-1381	546-6001
No. 10 x 1in	546-5777	521-670	522-1511	546-5581	180-730	522-1397	546-6017
No. 10 x 1.1/4in	546-5799	797-6147		546-5597	180-746		
No. 10 x 1.1/2in		797-6156			797-6178		
No. 10 x 2in		797-6159			797-6171		
No. 10 x 2.1/2in					797-6175		
No. 12 x 100in					797-6184		
No. 12 x 1.1/4in					797-6187		
No. 12 x 1.1/2in				797-6181			

	Cross Recess Pan Self-Tapper DIN 7981C			Cross Recess CSK Self-Tapper DIN 7982C			Cross Recess Pan Self-Driller DIN 7504-N
	BZP	A2	A4	BZP	A2	A4	BZP
No. 4 x 1/4in	546-5604	521-535					
No. 4 x 3/8in	546-5610	521-541	522-1325				
No. 4 x 1/2in	546-5632	521-557	522-1410				
No. 6 x 1/4in	546-5648	521-563					
No. 6 x 3/8in	546-5654	521-579	522-1426				546-5929
No. 6 x 1/2in	546-5660	521-585	522-1432	546-5480	180-639	522-1319	546-5935
No. 6 x 5/8in		797-6119			797-6153		
No. 6 x 3/4in	546-5676	521-591	522-1448	546-5496	180-645	522-1331	546-5941
No. 6 x 1in	546-5682	797-6128			180-651		
No. 6 x 1.1/4in		797-6121			180-667		
No. 6 x 1.1/2in		797-6125					
No. 8 x 3/8in	546-5698	521-608	522-1454				
No. 8 x 1/2in	546-5705	521-614	522-1460	546-5519	180-673	522-1353	546-5957
No. 8 x 5/8in		797-6134					546-5963
No. 8 x 3/4in	546-5711	521-620	522-1476	546-5525	180-689	522-1369	546-5979
No. 8 x 1in	546-5727	521-636	522-1482	546-5531	180-695	522-1375	546-5985
No. 8 x 1.1/4in		797-6137		546-5547	180-702		
No. 8 x 1.1/2in		797-6131			797-6162		
No. 8 x 1.3/4in					797-6165		
No. 8 x 2in		797-6140			797-6169		
No. 10 x 3/8in		521-642					
No. 10 x 1/2in	546-5749	521-658	522-1498	546-5553	180-718		546-5991
No. 10 x 5/8in		797-6143					
No. 10 x 3/4in	546-5761	521-664	522-1505	546-5575	180-724	522-1381	546-6001
No. 10 x 1in	546-5777	521-670	522-1511	546-5581	180-730	522-1397	546-6017
No. 10 x 1.1/4in	546-5799	797-6147		546-5597	180-746		
No. 10 x 1.1/2in		797-6156			797-6178		
No. 10 x 2in		797-6159			797-6171		
No. 10 x 2.1/2in					797-6175		
No. 12 x 100in					797-6184		
No. 12 x 1.1/4in					797-6187		
No. 12 x 1.1/2in				797-6181			

	Cross Recess Pan Self-Tapper DIN 7981C			Cross Recess CSK Self-Tapper DIN 7982C			Cross Recess Pan Self-Driller DIN 7504-N
	BZP	A2	A4	BZP	A2	A4	BZP
No. 4 x 1/4in	546-5604	521-535					
No. 4 x 3/8in	546-5610	521-541	522-1325				
No. 4 x 1/2in	546-5632	521-557	522-1410				
No. 6 x 1/4in	546-5648	521-563					
No. 6 x 3/8in	546-5654	521-579	522-1426				546-5929
No. 6 x 1/2in	546-5660	521-585	522-1432	546-5480	180-639	522-1319	546-5935
No. 6 x 5/8in		797-6119			797-6153		
No. 6 x 3/4in	546-5676	521-591	522-1448	546-5496	180-645	522-1331	546-5941
No. 6 x 1in	546-5682	797-6128			180-651		
No. 6 x 1.1/4in		797-6121			180-667		
No. 6 x 1.1/2in		797-6125					
No. 8 x 3/8in	546-5698	521-608	522-1454				
No. 8 x 1/2in	546-5705	521-614	522-1460	546-5519	180-673	522-1353	546-5957
No. 8 x 5/8in		797-6134					546-5963
No. 8 x 3/4in	546-5711	521-620					

WOOD SCREWS

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	Cross Recess Countersunk General Purpose	Cross Recess Round Single Thread DIN 7996	Cross Recess Countersunk Single Thread DIN 7997	Slot Round Single Thread DIN 96	Slot Countersunk Single Thread DIN 97	Ulti-Mate Pozisquare Countersunk High Performance	Unifix Vortex Recessed Countersunk High Performance
	Zinc Plated, Yellow Passivated	A2	A2	A2	A2	Zinc Plated, Yellow Passivated	Zinc Plated, Yellow Passivated
3 x 12mm	263-1808						
3 x 16mm	144-3470		144-3524				
3 x 20mm	144-3471		144-3525				
3 x 25mm	263-1814		144-3526				
3.5 X 12mm	144-3472						
3.5 x 16mm	263-1820		144-3527			145-6460	
3.5 x 20mm	144-3473	144-3507	483-3012	483-3090	483-3056	145-6461	
3.5 x 25mm	263-1836	144-3508		483-3113		145-6462	
3.5 x 30mm		144-3509		483-3129		145-6463	
3.5 x 40mm	263-1842					145-6464	
3.5 X 45mm	144-3474						
3.5 X 50mm	144-3475						
4 x 20mm			483-3135	483-2867	144-3530		145-6465
4 x 25mm	263-1858	797-6229	483-3220	483-3141	483-2873	483-3062	493-4553
4 X 30mm	144-3476	797-6222	144-3517	483-3157	483-2889	144-3531	493-4569
4 X 35mm	144-3477						
4 x 40mm	263-1864	797-6226	483-3236	483-3006	483-2895	483-3078	493-4575
4 X 45mm	144-3478						
4 x 50mm	263-1870	797-6235	144-3518	483-3163	483-2902		493-4581
4 X 60mm	144-3479	144-3510					145-6469
4 x 70mm						493-4597	145-6471
4.5 x 25mm	263-1892						
4.5 X 30mm	144-3480						
4.5 X 35mm	144-3481						

METRIC

RS PRO

	Cross Recess Countersunk General Purpose	Cross Recess Round Single Thread DIN 7996	Cross Recess Countersunk Single Thread DIN 7997	Slot Round Single Thread DIN 96	Slot Countersunk Single Thread DIN 97	Ulti-Mate Pozisquare Countersunk High Performance	Unifix Vortex Recessed Countersunk High Performance
	Zinc Plated, Yellow Passivated	A2	A2	A2	A2	Zinc Plated, Yellow Passivated	Zinc Plated, Yellow Passivated
4.5 x 40mm	263-1909						
4.5 X 50mm	144-3482						145-6472
4.5 X 60mm	144-3483						145-6473
4.5 x 70mm	263-1915						145-6474
5 x 25mm			144-3519	483-3179		483-2918	
5 x 30mm	263-1921	144-3511	144-3520	483-3185		483-2924	
5 x 40mm	263-1937	797-6238	483-3242	483-3191	483-3084	483-2930	145-6475
5 X 50mm	144-3484	797-6232	144-3521	483-3208		483-2946	493-4604
5 X 60mm	144-3485	797-6241					145-6476
5 x 65mm			144-3522	483-3214			
5 x 70mm	263-1959	797-6244				493-4610	145-6478
5 X 75mm	144-3486		144-3523	144-3528			
5 X 80mm	144-3487	144-3512				493-4626	145-6479
5 X 90mm	144-3488						145-6480
5 X 100mm	144-3489	144-3513		144-3529			145-6481
6 x 40mm	263-1965						
6 X 50mm	144-3490					493-4648	145-6482
6 X 60mm	144-3491	144-3514					145-6483
6 x 70mm	263-1971	797-6248				493-4654	
6 X 80mm	144-3492	144-3515					145-6484
6 X 90mm	144-3493						
6 X 100mm	144-3494	144-3516				493-4660	145-6485
6 x 120mm							145-6486

COACH SCREWS

1



10 / M6 - M8

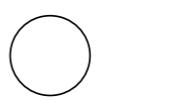


COACH & ROOFING BOLTS



	B2P	A2	
M6 x 25mm	144-3532		M10 x 50mm
M6 x 30mm	824-856		M10 x 60mm
M6 x 40mm	824-878	144-3548	M10 x 70mm
M6 x 50mm	824-890	144-3549	M10 x 75mm
M6 x 60mm	824-913	144-3550	M10 x 80mm
M6 x 70mm	824-935	144-3551	M10 x 100mm
M6 x 80mm	144-3533		M10 x 120mm
M6 x 90mm	144-3534		M10 x 130mm
M6 x 100mm	144-3535		M10 x 140mm
M8 x 25mm	144-3536		M10 x 150mm
M8 x 30mm	144-3537		M12 x 40mm
M8 x 40mm	824-941		M12 x 50mm
M8 x 45mm	824-957		M12 x 60mm
M8 x 50mm	824-963	144-3552	M12 x 70mm
M8 x 60mm	824-985	144-3553	M12 x 75mm
M8 x 65mm	824-991		M12 x 80mm
M8 x 70mm	825-001	144-3554	M12 x 100mm
M8 x 75mm	825-017		M12 x 120mm
M8 x 80mm	825-023	144-3555	M12 x 130mm
M8 x 100mm	144-3538	144-3556	M12 x 150mm

B2P	A2
825-039	144-3557
825-051	144-3558
825-073	144-3559
825-089	
825-095	144-3560
825-118	144-3561
144-3539	144-3562
144-3540	
144-3541	
144-3542	
144-3543	
144-3544	
825-124	
825-152	
825-168	
825-180	
825-203	
144-3547	



B2P	A2
512-0985	122-4417
512-0991	122-4418
	122-4419
	122-4420
512-1001	122-4421
512-1017	122-4422
	122-4423
512-1023	
512-1039	
	122-4424
	122-4425
	122-4426
	122-4427
512-1051	122-4428
512-1067	122-4429
	122-4430
512-1073	
	122-4431
512-1089	
	122-4432
	122-4433
512-1102	
	122-4434
	122-4435
	122-4436
	122-4437
	122-4438
512-1118	
	122-4439
512-1124	
	122-4440
	122-4441
512-1130	
	122-4442
	122-4443

Mushroom Head Roofing Bolt with
(M6-M8)



	BZP
M6 x 12mm	277-604
M6 x 16mm	277-610
M6 x 20mm	277-626
M6 x 25mm	277-632
M6 x 40mm	277-648
M6 x 50mm	277-654
M6 x 60mm	277-660
M6 x 70mm	277-676
M8 x 12mm	277-682
M8 x 20mm	277-698
M8 x 30mm	277-705
M8 x 40mm	277-711
M8 x 60mm	277-733
M8 x 70mm	277-749
M8 x 80mm	277-755

	Pan Head Security	Csk Head Security	Button Head 6 Lobe Security	Button Head Hex Security	System Zero Tamper Proof Head Security	
	BZP	BZP	A2	A4	BZP	Zinc Plated Steel
M3x6mm	482-8256	482-8111	621-2495	621-2631	621-2754	524-534
M3x12mm	482-8262	482-8133	621-2502	621-2625	621-2748	524-540
M3x20mm		482-8149	621-2518	621-2653	621-2760	
M3.5x12mm		482-8161				524-562
M4x6mm	482-8313	482-8177	621-2530	621-2675	621-2782	524-578
M4x12mm	482-8329	482-8183	621-2546	621-2647	621-2805	524-584
M4x19mm						526-760
M4x20mm	482-8335	482-8199	621-2552	621-2669	621-2798	
M5x6mm						483-953
M5x12mm	482-8357		621-2568	621-2681	621-2811	483-957
M5x19mm						483-947
M5x20mm	482-8363	482-8212	621-2580	621-2704	621-2827	
M5x25mm	482-8379		621-2574	621-2726	621-2833	483-969
M5x30mm						300-7789
M6x10mm						483-963
M6x12mm	482-8385		621-2596	621-2697	621-2849	
M6x16mm						524-613
M6x19mm						300-7802
M6x20mm	482-8391		621-2603	621-2710	621-2855	
M6x25mm	482-8414	482-8240	621-2619	621-2732	621-2861	524-629
M6x30mm						300-7818
M6x40mm						526-726

	Threaded Rods DIN 976			
	Brass Self Colour	A2	A4	BZP
M3x1m	468-7077	280-363	200-9942	530-292
M4x1m	468-7083	280-379	200-9958	530-309
M5x1m	468-7106	280-385	200-9964	530-315
M6x1m	468-7112	280-391	200-9970	530-321
M8x1m	468-7128	280-408	200-9986	530-337
M10x1m	468-7134	280-414	200-9992	530-343
M12x1m		280-420	201-0071	530-359
M16x1m	289-089		201-0201	276-500
M20x1m		289-095	201-0223	276-516

CONNECTING NUTS

M2 - M20

RS PRO

	Unserrated Flange Nut DIN 6923	Serrated Flange Nut DIN 6923	Nylon Insert Flange Locking Nut DIN 6926	Square Nut DIN 562	Half Nut DIN 439			Full Nut DIN 934						
	B2P	A2	B2P	A2	B2P	Nickel Plated Brass	A2	A4	B2P	Nickel Plated Brass	Brass	A2	A4	
M2						483-0316			560-271			527-218	248-4551	
M2.5						483-0322	122-4399		560-287			527-224	248-4567	
M3					837-262	483-0338	122-4400		560-293	483-0502	483-2485	527-230	189-563	
M3.5									560-300	483-0524		527-246		
M4					837-284	483-0350	122-4401	122-4409	525-896	483-0530	483-2508	527-252	189-579	
M5	275-462	725-9647	275-535	725-9650	275-608	837-290	483-0423	122-4402	122-4410	525-903	483-0546	483-2514	527-268	189-585
M6	275-478	725-9640	275-541	725-9669	275-614	837-307	483-0439	122-4403	122-4411	525-919	483-0552	483-2520	527-274	189-591
M8	275-484	725-9644	275-557	725-9662	275-620	837-313		122-4404	122-4412	527-612		483-2542	530-769	189-608
M10	275-490	725-9653	275-563	725-9666	275-636			122-4405	122-4413	527-628		483-2558	530-775	189-614
M12	275-507	725-9656	275-579	725-9675	275-642			122-4406	122-4414	530-078		483-2564	530-781	183-9045
M16								122-4407	122-4415	276-768			275-670	248-4573
M20								122-4408	122-4416	276-774			275-686	248-4589

	Nylon Insert Locking Nut DIN 982	Nylon Insert Locking Nut DIN 985	Aerotight® Locking Nut	Dome Nut DIN 1587 (Except M3 & M4)		Wing Nut	Heico Lock Delta Protekt Wedge Lock Nut							
	B2P	B2P	A2	A4	B2P	A1	A4	B2P	A2	A4	B2P	A2	A4	Steel
M2														
M2.5														
M3	524-281		521-917	767-804	530-652	260-5815	665-5606	293-050	248-4387	248-4450	521-844	293-101	248-4309	
M3.5														
M4	524-304		521-923	767-810	530-668	260-5821	665-5609	293-066	248-4393	248-4466	521-850	293-117	248-4315	
M5	524-310	122-4371	521-939	767-826	530-674	260-5843	665-5603	293-072	248-4400	248-4472	521-866	293-123	248-4337	
M6	524-326	122-4372	521-945	767-832	530-680	260-5859	665-5612	293-088	248-4416	248-4494	521-872	293-139	248-4343	914-3421
M8	530-393	122-4373	521-951	767-848	530-696	260-6414	665-5615	293-094	248-4422	248-4501	521-888	293-145	248-4359	914-3424
M10	530-400	122-4374	521-967	767-854	530-703	260-6420	665-5619		248-4438	248-4517	521-894	293-151	248-4365	914-3428
M12	530-416	122-4375	521-973	248-4539	530-719	260-6436	665-5628		248-4444	248-4523	521-901		248-4371	
M16	276-780	122-4376	275-692	797-6377					797-6080					914-3430
M20	276-796	122-4377	275-709						797-6099					

M3 - M20

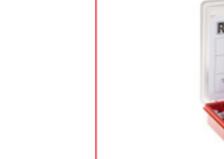
RS PRO

	Connecting/Coupling Nuts DIN 6334
M6x18mm	276-522
M8x24mm	276-538
M10x30mm	276-544
M12x36mm	276-550
M16x48mm	276-566
M20x60mm	276-572

	Plain Washer DIN 125A (except Form B, C and G: BS 4320)										External Shakeproof Washer DIN 6797A	Internal Toothed Shakeproof Washer DIN 6797J	Internal Serrated Shakeproof Washer DIN 6798J	
	BZP (Form A)	BZP (Form B)	BZP (Form C)	BZP (Form G)	Nickel Plated Brass	Brass	A2 (Form A)	A2 (Form B)	A4 (Form A)	A4 (Form B)				
	M2	560-316			483-0619		527-347		248-4595				187-0535	
M2.5	560-322						527-353		248-7106		276-831		187-0541	
M3	560-338				483-0631	483-2592	527-369		189-620		276-847	526-574	187-0557	665-7299
M3.5	560-344				483-0647		527-375							
M4	525-925				483-0653	483-2609	527-381		189-636		276-869	526-596	187-0585	665-7309
M5	525-931	122-4385	122-4378		482-7720	483-2615	527-397		189-642		276-875	526-603	187-0591	665-7302
M6	525-947	122-4387	122-4379		483-0669	483-2621	527-404	797-6086	189-658	797-6373	276-881	526-619	187-0608	665-7306
M8	527-634	122-4388	122-4380	122-4394		483-2637	797-6068	530-797	797-6389	189-664	276-897	530-129	187-0614	665-7315
M10	527-640	122-4389	122-4381	122-4395		483-2643	7976077	530-804	797-6364	189-670	276-904	530-135	187-0636	665-7318
M12	530-084	122-4390	122-4382	122-4396		483-2659	7976070	530-810	797-6367	183-9051	276-910	530-141	187-0642	665-7312
M16	276-926	122-4391	122-4383	122-4397			7976074	275-715	797-6361	248-4618			187-0658	
M20	276-932	122-4393	122-4384	122-4398			7976083	275-721	797-6370	248-4624			187-0664	

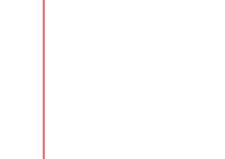
	Square-Section Spring Washer DIN 7980			Crinkle Washer BS 4463		Sealing Washers DIN 7603 (Copper)			Heico-Lock Delta Protekt Ring Lock Washer		Heico-Lock Delta Protekt Wedge Lock Washer	
	BZP	A2	A4	Copper	A2	Copper	Red Vulcanised Fibre	Nylon	Steel	A2	Carbon Steel	
	M2	526-782 (Rectangular)	825-219		289-635	428-616						
M2.5	526-798 (Rectangular)	825-225			289-641	428-622		289-073				
M3	526-805	825-231	189-686	289-657	428-638	293-167	526-350					
M3.5		825-247										
M4	526-827	530-826	189-692	289-679	428-650	293-173	526-366				914-3349	
M5	526-833	530-832	189-709	289-685	428-666	293-189	526-372		914-3373	914-3399	914-3358	
M6	526-849	530-848	189-715	289-691	428-672	293-195	526-388	528-176	914-3377	914-3409	914-3351	
M8	530-090	530-854	189-721	289-708	428-688	293-202	530-258		914-3386	914-3402	914-3355	
M10	530-107	530-860	189-737			293-218	530-264	280-537	914-3389	914-3406	914-3364	
M12	530-113	530-876	183-9067			293-224	530-270	280-543	914-3383	914-3415	914-3367	
M16	276-803	275-737							914-3392	914-3418	914-3361	
M20	276-819	275-743							914-3395	914-3412	914-3370	

	Mudguard Washers (Metric)											
	BZP	A2										A4
M5 x 20mm												666-7753
M5 x 25mm												666-7757
M6 x 25mm												507-2678
M6 x 30mm												660-4765
M6 x 40mm												666-7768
M8 x 25mm												666-7766
M8 x 30mm												666-7769
M8 x 40mm												507-2690
M10 x 30mm												660-4762
M10 x 35mm												666-7773
M10 x 40mm												507-2713
M10 x 50mm												660-4771
M12 x 35mm												666-7775
												666-7781
												666-7785
												660-4627
												660-4780

	Machine Screw	Electrical Screw	Socket Screws		
	Bright Zinc Plated Steel	Nickel Plated Brass	Black Self Colour Steel	Bright Zinc Plated Steel	A2 Stainless Steel
					
	849-423	233-4355	823-897	290-9606	393-179
Brand	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type	Slotted	Slotted	Hex Socket	Hex Socket	Hex Socket
Number of Pieces	3160	2050	455	450	410
Head Shape	Countersunk & Pan	Cheese, Oval, Pan, Round	Countersunk	Countersunk	Countersunk
Thread Sizes	M2, M2.5, M3, M4, M5, M6	2BA, 4BA, M3, M3.5, M4, M6	M3, M4, M5, M6	M3, M4, M5, M6	M3, M4, M5, M6
Screw/Bolts Lengths	6 → 40mm	6 → 75mm	6 → 30mm	8 → 30mm	10 → 30mm

	Socket Screws					
	A2 Stainless Steel	A4 Stainless Steel	A2 Stainless Steel	Black Self Colour Steel	A2 Stainless Steel	Black Self Colour Steel
						
	225-3357	819-9007	225-3341	524-051	395-428	395-424
Brand	RS PRO					
Drive Type	Hex Socket					
Number of Pieces	545	431	431	450	800	1120
Head Shape	Capscrew	Capscrew	Capscrew	Capscrew & Set (Plain Cup)	Set (Plain Cup)	Set (Plain Cup)
Thread Sizes	M3, M4, M5, M6	M6, M8, M10, M12	M6, M8, M10, M12	M3, M4, M5, M6	M3, M4, M5, M6	M3, M4, M5, M6
Screw/Bolts Lengths	6 → 25mm	12 → 50mm	12 → 60mm	6 → 30mm	3 → 12mm	3 → 12mm

	Socket Screws					
	Black Self Colour Steel	Bright Zinc Plated Steel	A2 Stainless Steel	Black Self Colour Steel	Bright Zinc Plated Steel	A4 Stainless Steel
						
	823-904	290-9599	393-169	278-102	290-9612	225-3363
Brand	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type	Hex Socket	Hex Socket	Hex Socket	Hex Socket	Hex Socket	Hex Socket
Number of Pieces	595	450	490	426	415	545
Head Shape	Button	Button	Button	Capscrew	Capscrew	Capscrew
Thread Sizes	M3, M4, M5, M6	M3, M4, M5, M6, M8	M3, M4, M5, M6	M6, M8, M10, M12	M3, M4, M5, M6, M8	M3, M4, M5, M6
Screw/Bolts Lengths	8 → 25mm	8 → 25mm	8 → 20mm	12 → 60mm	8 → 50mm	6 → 25mm

	Wood Screws			Ulti-Mate High Performance Woodscrews
	Bright Zinc Plated Steel	A2 Stainless Steel	Zinc Plated & Yellow Passivated Steel	
				
	528-514	483-3270	493-4632	
Brand	RS PRO	RS PRO	Ulti-Mate	
Drive Type	Cross Recessed	Cross Recessed	Pozisquare	
Number of Pieces	1250	1240	845	
Head Shape	Countersunk & Round	Countersunk & Round	Countersunk	
Thread Sizes	No. 6, No. 8, No. 10	3.5mm, 4mm, 5mm	3.5mm, 4 mm, 5 mm, 6 mm	
Screw/Bolts Lengths	3/4 → 2-1/2in	20 → 65mm	25 → 100mm	

FASTENER KITS

SCREW / BOLT KITS

RS PRO

RS PRO

	Ulti-Mate High Performance Woodscrews			Unifix Vortex High Performance Woodscrew	Self Tapping Screws	
	Yellow Passivated, Zinc Plated Steel	Yellow Passivated, Zinc Plated Steel	Yellow Passivated, Zinc Plated Steel	Yellow Passivated, Zinc Plated Steel	Bright Zinc Plated Steel	Bright Zinc Plated Steel
	104-0876	890-3916	890-3913	145-6487	546-3478	393-163
Brand	Ulti-Mate	Ulti-Mate	Ulti-Mate	Unifix Vortex	RS PRO	RS PRO
Drive Type	Pozisquare	Pozisquare	Pozisquare	Cross Recessed	Cross Recessed & Slotted	Cross Recessed
Number of Pieces	700	1570	1610	1700	1200	1230
Head Shape	Countersunk	Countersunk	Countersunk	Countersunk	Pan	Countersunk & Pan
Thread Sizes	3.5mm, 4mm, 5mm	3.5mm, 4mm, 5mm	3.5mm, 4mm, 5mm	No. 4, No. 6, No. 8, No. 10	No. 4, No. 6, No. 8, No. 10	No. 10, No. 4, No. 6, No. 8
Screw/Bolts Lengths	20 → 100mm	20 → 100mm	25 → 100mm	3/8 → 1in	1/4 → 1-1/4in	1/4 → 3/4in

	Thread Rolling Screws			Security Screw
	Bright Zinc Plated, Clear Passivated Steel	Bright Zinc Plated Steel	Bright Zinc Plated Steel	Zinc Plated Steel Machine Screw Kit
	483-1319	482-7528	482-7534	483-931
Brand	RS PRO	RS PRO	RS PRO	System Zero
Drive Type	Cross Recessed	Cross Recessed	Cross Recessed	System Zero
Number of Pieces	250	250	250	1017
Head Shape	Pan	Pan	Countersunk	System Zero
Thread Sizes	M3, M4	No. 10, No. 4, No. 6, No. 8	No. 10, No. 4, No. 6, No. 8	M2.5, M3, M3.5, M4, M5, M6
Screw/Bolts Lengths	5 → 12mm	1/4 → 3/8in	1/4 → 3/4in	6 → 40mm

	Self Tapping Screws		Self Drilling Screws	
	A2 Stainless Steel	A4 Stainless Steel	Bright Zinc Plated Steel	Bright Zinc Plated Steel
	180-796	535-2362	395-412	534-9552
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type	Cross Recessed	Cross Recessed	Hex	Cross Recessed
Number of Pieces	890	890	680	1190
Head Shape	Countersunk & Pan	Countersunk & Pan	Indented Washer	Pan
Thread Sizes	No. 6, No. 8, No. 10	No. 6, No. 8, No. 10	4.2mm, 4.8mm, 5.5mm	3.5mm, 4.2mm, 4.8mm
Screw/Bolts Lengths	3/8 → 1in	3/8 → 1in	13 → 38mm	9.5 → 25mm

FASTENER KITS

SCREW / BOLT / NUT KITS

RS PRO

	Hex Bolt		Hex Set Screws		
	A2 Stainless Steel	Bright Zinc Plated, Steel	A2 Stainless Steel	A4 Stainless Steel	Bright Zinc Plated, Clear Passivated, Steel
	701-3848	725-9978	466-7720	526-5482	278-118
Brand	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type	Hex	Hex	Hex	Hex	Hex
Number of Pieces	390	476	624	624	1184
Head Shape	Hex	Hex	Hex	Hex	Set
Thread Sizes	M10, M12, M8	M10, M12, M6, M8	M10, M12, M6, M8	M10, M12, M4, M5, M6, M8	M10 → 50mm
Screw/Bolts Lengths	35 → 100mm	30 → 80mm	20 → 50mm	20 → 50mm	10 → 50mm
Nut Type	Hex	Hex	Hex	Hex	Hex

SCREW / BOLT / NUT / WASHER KITS

RS PRO

	Workshop Cap Screw		Machine Screw		
	Bright Zinc Plated Steel	A4 Stainless Steel	Bright Zinc Plated Steel	A2 Stainless Steel	A2 Stainless Steel
	233-4349	823-875	819-9000	281-978	281-984
Brand	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type	Hex Socket	Slot	Slot	Slot	Cross Recessed
Number of Pieces	3100	1897	2370	3137	3168
Head Shape	Hex		Cheese	Countersunk & Pan	Countersunk & Pan
Thread Sizes	M10, M4, M6, M8	M3, M4, M5, M6	M3, M4, M5	M2, M2.5, M3, M4, M5, M6	M2, M2.5, M3, M4, M5, M6
Screw/Bolts Lengths	10 → 50mm	6 → 25mm	6 → 25mm	6 → 25mm	6 → 25mm
Nut Type	Hex Full & Nylon Locking Nut	Hex Full	Hex Full	Hex Full	Hex Full
Washer Type	Plain	Plain	Plain	Plain	Plain

	Machine Screw			Electrician's Kits		Security Screw
	A4 Stainless Steel	Self Colour Brass	Bright Zinc Plated, Clear Passivated Steel	Nickel Plated Brass	Nickel Plated Brass (Raised Csk) & Self Colour (Pan, nut, washer)	A2 Stainless Steel
	395-434	100-282	281-962	482-7742	100-226	819-9004
Brand	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type	Cross Recessed	Slot	Cross Recessed	Slot	Slot	Torx
Number of Pieces	1905	2061	3160	3208	1250	2475
Head Shape	Countersunk & Pan	Pan	Countersunk & Pan	Pan	Raised Csk & Pan	Countersunk
Thread Sizes	M3, M4, M5, M6	M2, M3, M4, M5, M6	M2, M2.5, M3, M4, M5, M6	M2.5, M3, M3.5, M4, M5, M6	M3.5, M4	M3, M4, M5, M6
Screw/Bolts Lengths	6 → 30mm	6 → 30mm	6 → 40mm	6 → 40mm	6 → 75mm	6 → 25mm
Nut Type	Hex Full	Hex Full	Hex Full	Hex Full	Hex Full	Hex Full
Washer Type	Plain	Plain	Plain	Plain	Plain	Plain

FASTENER KITS

NUT KITS

RS PRO

RS PRO

WASHER KITS

FASTENER KITS

	Dome	Hex Full			
	Bright Zinc Plated Steel	Bright Zinc Plated Steel	A2 Stainless Steel	A4 Stainless Steel	
	282-8894	823-881	200-9784	200-9778	
Brand	RS PRO	RS PRO	RS PRO	RS PRO	
Number of Pieces	315	2140	1710	820	
Thread Sizes	M3, M4, M5, M6, M8	M2, M2.5, M3, M4, M5, M6, M8, M10	M2, M2.5, M3, M4, M5, M6, M8, M10	M3, M4, M5, M6, M8, M10, M12	

	Internal Tooth Shakeproof, Plain & Spring			Mudguard
	Bright Zinc Plated Steel	A2 Stainless Steel	A4 Stainless Steel	Bright Zinc Plated Steel
	281-956	200-9835	665-7321	687-9868
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Number of Pieces	3000	3000	2100	360
Thread Sizes	M2, M2.5, M3, M4, M5, M6	M2, M2.5, M3, M4, M5, M6	M3, M4, M5, M6	M5, M6, M8, M10

	Hex Full	Nylon Insert Self Locking			Wing
	Self Colour Brass	Bright Zinc Plated Steel	A2 Stainless Steel	A4 Stainless Steel	Bright Zinc Plated Steel
	100-210	278-095	200-9813	200-9807	282-8888
Brand	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO
Number of Pieces	1070	545	545	545	340
Thread Sizes	M2, M3, M4, M5, M6, M8, M10	M3, M4, M5, M6, M8, M10, M12			

	Mudguard	Plain		
	A2 Stainless Steel	A4 Stainless Steel	Self Colour Brass	Red Vulcanised Fibre
	395-418	721-1487	482-8442	289-174
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Number of Pieces	240	240	1080	1465
Thread Sizes	M5, M6, M8, M10	M5, M6, M8, M10	M2, M3, M4, M5, M6, M8, M10	M2.5, M3, M4, M5, M6, M8, M10, M12

FASTENER KITS

NUT & WASHER KITS

RS PRO

Hex Nut, Plain Washer and Internal Tooth Shakeproof Washer						
	Nickel Plated Brass (Hex nut, plain) and Zinc Plated Steel (Internal tooth)	Nickel Plated Brass (Hex nut, plain) and Zinc Plated Steel (Internal tooth)	Nickel Plated Brass (Hex nut, plain) and Zinc Plated Steel (Internal tooth)	Nickel Plated Brass (Hex nut, plain) and Zinc Plated Steel (Internal tooth)	Nickel Plated Brass (Hex nut, plain) and Zinc Plated Steel (Internal tooth)	Nickel Plated Brass (Hex nut, plain) and Zinc Plated Steel (Internal tooth)
	483-0855	483-0861	483-0877	483-0883	483-0906	483-0912
Brand	RS PRO					
Number of Pieces	400	400	400	300	200	200
Thread Sizes	M2.5	M3	M3.5	M4	M5	M6
Nut Type	Hex Full					

RS PRO

WORM DRIVES

	RS PRO Slotted Hex		JCS HI-GRIP Slotted Hex	JCS HI-GRIP Slotted Hex	JCS HI-TORQUE Slotted Hex	Jubilee Slotted Hex			Jubilee High Torque Slotted Hex 8mm A/F	RS PRO Plastic Hose Clip	RS PRO Wing	JCS HI-GRIP Wing
Band Width	12mm	12mm	12mm	13mm	13mm	16mm	13mm	13mm	16mm	16mm	12mm	13mm
Zinc Plated Mild Steel	A2	A2	Zinc Plated Mild Steel	A2	Zinc Plated Mild Steel	A2	A2	A2	Nylon	Zinc Plated Mild Steel	Zinc Plated Mild Steel	Zinc Plated Mild Steel
5.6 - 6.5mm										475-1415		
6.5 - 8.1mm										291-587		
7.9 - 9.6mm										291-593		
9.2 - 10.8mm										291-600		
9.5 - 12mm	145-0264 (9.5mm)	145-0264 (9.5mm)	145-0264 (9.5mm)	525-177 (9mm)	528-378 (9mm)		908-8961 (9mm)	908-9100 (9mm)	124-5638 (9mm)		145-0287	270-007 (9mm)
10.2 - 11mm										291-616		
11 - 16mm	145-0265 (9.5mm)	145-0265 (9.5mm)	145-0265 (9.5mm)	525-183 (9mm)	528-384 (9mm)		908-8970 (9mm)	908-9119 (9mm)	124-5639 (9mm)		145-0288	270-013 (9mm)
11.5 - 13.4mm										291-622		
12 - 14.5mm										291-638		
13 - 20mm	145-0266 (9.5mm)	145-0266 (9.5mm)	145-0266 (9.5mm)	525-199 (9mm)	528-390 (9mm)		908-8973 (9mm)	908-9112 (9mm)	124-5640 (9mm)		145-0289	270-029 (9mm)
13.1 - 15.7mm										291-644		
14 - 22mm				525-206	528-407							270-035
15 - 17.8 mm										291-650		
16 - 22mm	145-0267	145-0267	145-0267				908-8977	908-9116	124-5641		145-0290	
16.9 - 19.9 mm										291-666		
17 - 25mm				525-212	528-413							270-041
18 - 25mm	145-0268	145-0268	145-0268				908-8986	908-9125	124-5643		145-0291	
18.1 - 20.6mm										291-672		
20.3 - 23.7 mm										291-688		
22 - 30mm	145-0269	145-0269	145-0269	525-228	528-429						145-0292	270-057
23.1-26.1 mm										291-694		
24.5 - 28.4 mm										291-701		
25 - 35mm	145-0270	145-0270	145-0270	525-234	528-435						145-0293	270-063
26.5 - 30.4 mm										291-717		
20 - 27mm						494-2093						
20 - 30mm						494-2100						
20 - 35mm						494-2116				124-5739		
25 - 40mm						494-2122				124-5740		

NOSE & JUBILEE CLIPS

10

IVES

HOSE & JUBILEE CLIP

	RS PRO Slotted Hex		JCS HI-GRIP Slotted Hex	JCS HI-GRIP Slotted Hex	JCS HI-TORQUE Slotted Hex	Jubilee Slotted Hex			Jubilee High Torque Slotted Hex 8mm A/F	RS PRO Plastic Hose Clip	RS PRO Wing	JCS HI-GRIP Wing		RS PRO		
Band Width	12mm	12mm	12mm	13mm	13mm	16mm	13mm	13mm	13mm	16mm	16mm	12mm	13mm	Band Width	12mm	1
	Zinc Plated Mild Steel	A2	A4	Zinc Plated Mild Steel	A2	A2	Zinc Plated Mild Steel	A2	A4	A2	Nylon	Zinc Plated Mild Steel	Zinc Plated Mild Steel		Zinc Plated Mild Steel	14
5 - 45mm						494-2138				124-5741						
0 - 40mm	145-0271	145-0271	145-0271	525-240	528-441							145-0294	270-079			
0 - 50mm						494-2144				124-5742						
2 - 45mm							908-8995	908-9134	124-5647							
5 - 45mm	145-0272	145-0272	145-0272	525-256	530-214								270-085			
5 - 50mm	145-0273	145-0273	145-0273	525-262	530-220							145-0295				
0 - 55mm	145-0274	145-0274	145-0274	525-278	530-236											
0 - 60mm						494-2150										
0 - 70mm										124-5745						
5 - 60mm	145-0275	145-0275	145-0275	525-284	530-242											
5 - 65mm						494-2166				124-5744						
0 - 70mm						494-2172										
5 - 70mm	145-0277	145-0277	145-0277	277-840	277-907											
0 - 80mm	145-0278	145-0278	145-0278	277-856	277-913	494-2188				124-5746						
0 - 90mm	145-0279	145-0279	145-0279	277-862	277-929	494-2201										
0 - 95mm						494-2217				124-5747						
5 - 95mm																
0 - 100mm				277-878	277-935	494-2223				124-5748						
5 - 100mm	145-0280	145-0280	145-0280				908-9015	908-9150	124-5654							
0 - 120mm	145-0281	145-0281	145-0281	277-884	277-941	494-2239				124-5749						
10 - 140mm				277-890	277-957	494-2245				124-5750						
20 - 140mm	145-0260	145-0283	172-0609													
20 - 150mm							908-9021	908-9166	124-5657							
30 - 150mm	145-0261	145-0284	172-0610													
30 - 160mm	145-0285	145-0285	145-0285	688-0934	700-4346	494-2267				124-5751						
35 - 165mm							908-9030	908-9175	124-5659							
50 - 180mm	145-0286	145-0286	145-0286	700-4337	700-4349	494-2273				124-5752						
58 - 190mm							908-9033	908-9178	124-5660							

ex	JCS HI-GRIP Slotted Hex	JCS HI-GRIP Slotted Hex	JCS HI-TORQUE Slotted Hex	Jubilee Slotted Hex			Jubilee High Torque Slotted Hex 8mm A/F	RS PRO Plastic Hose Clip	RS PRO Wing	JCS HI-GR Wing	
											
	12mm	13mm	13mm	16mm	13mm	13mm	13mm	16mm	16mm	12mm	13mm
	A4	Zinc Plated Mild Steel	A2	A2	Zinc Plated Mild Steel	A2	A4	A2	Nylon	Zinc Plated Mild Steel	Zinc Plated Mild Steel
145-0263	272-716	700-4343	494-2289	908-9037	908-9172	124-5661	124-5753				
			494-2295					124-5754			
			494-2302					124-5755			
				124-5666	124-5671	124-5662					
			700-4352					124-5756			
				124-5667	124-5672	124-5663					
			700-4355					124-5757			
				124-5668	124-5673	124-5664					
			700-4359					124-5758			
				124-5669	124-5674	124-5665					
								124-5759			
								124-5760			
								124-5761			
								124-5762			
								124-5763			
								124-5764			
								124-5766			
								124-5767			
								124-5768			
								124-5769			
								124-5770			

	Jubilee 8mm Bolt Head Super-clamp			Jubilee 10mm Bolt Head Super-clamp			Jubilee 13mm Bolt Head Super-clamp			MIKALOR Heavy Duty Bolt Drive Supra Clamp		JCS Slotted Hex Mini-Clip		Jubilee Slotted Hex Mini Clip		Unex Slotted Screw Hose Clip		Unex Hex Hose Clip		RS PRO O Clip		Jubilee O Clip											
Band Width	18mm	18mm	18mm	20mm	20mm	20mm	25mm	25mm	25mm	Various	Various	9mm	9.1mm	9.1mm	11mm	11mm	Various	Various	Various	Various	11mm	11mm											
	Mild Steel	A2	A4	Mild Steel	A2	A4	Mild Steel	A2	A4	St St Band Arch, Zinc-Plated (Bolt)	A2	Zinc Plated Mild Steel	A2	Zinc-Plated Mild Steel	A2	A2	Zinc Plated Mild Steel	A2	Mild Steel	A2													
5 - 7mm																	436-370 (6mm)		144-0700 (6mm)		144-0714 (6mm)												
7 - 9mm																	727-5905	908-9181	908-9046			436-386 (6mm)	726-3595 (7mm)	144-0701 (7mm)									
7.4 - 10mm																	288-2860	288-4074															
8 - 10mm																	727-5914	908-9184	908-9049							144-0715 (7mm)							
9 - 11mm																	727-5917	908-9188	908-9043			436-392 (7mm)	726-3598 (6.5mm)	144-0702 (7mm)		144-0716 (7mm)							
9 - 12mm																	288-4080																
9.6 - 14mm																	288-4103	288-2804															
10 - 12mm																	727-5911	908-9197	908-9052								144-0717 (7mm)						
11 - 13mm																	727-5920	908-9190	908-9055			436-409 (7mm)	726-3592 (6.5mm)	144-0703 (7mm)		144-0718 (7.5mm)							
12 - 14mm																	727-5923	908-9194	908-9059								144-0719 (8mm)						
13 - 15mm																	727-5927	908-9204	908-9068			436-415 (7.5mm)	726-3602 (7mm)	144-0704 (7.5mm)		144-0720 (8mm)							
14 - 16mm																	727-5936	908-9207	908-9061								144-0705 (8mm)	144-0721 (8.5mm)					
14 - 19mm																	288-4119	288-2810															
15 - 17mm																	908-9065					436-421 (8mm)	726-3605 (7.5mm)	144-0706 (8mm)		144-0722 (9mm)							
16 - 18mm																	908-9074										144-0723 (9mm)						
17 - 19mm	124-5675	124-5686	124-5711																		436-437 (8.5mm)	726-3609 (7.5mm)	144-0707 (8.5mm)		144-0725 (10mm)								
17.3 - 22mm																	288-4125	288-2826										288-4125	288-2826				
18 - 20mm																	908-9077					726-3618 (8mm)		144-0708 (9mm)									
19.8 - 25mm																				288-2832													
20 - 22mm	124-5676	124-5687	124-5712																	436-443 (9mm)	726-3611 (8mm)	144-0709 (9mm)											
21.8 - 27mm																				288-4147	288-3223												
22 - 25mm																								144-0710 (10mm)									
23 - 25mm	124-5677	124-5688	124-5713														526-5498 (18mm)	265-0180 (18mm)				436-459 (10mm)		144-0711 (10mm)									
25 - 27mm																								144-0712 (10mm)									
25 - 30mm																				288-2898	288-4096												
26 - 28mm	121-9820	121-9806	124-5714																														

	Jubilee 8mm Bolt Head Super-clamp			Jubilee 10mm Bolt Head Super-clamp			Jubilee 13mm Bolt Head Super-clamp			MIKALOR Heavy Duty Bolt Drive Supra Clamp		JCS Slotted Hex Mini-Clip		Jubilee Slotted Hex Mini Clip		Unex Slotted Screw Hose Clip		Unex Hex Hose Clip		Jubilee Slotted Hex Quick Release Strap		Jubilee Slotted Screw Quick Release Strap		
Band Width	18mm	18mm	18mm	20mm	20mm	20mm	25mm	25mm	25mm	Various	Various	9mm	9.1mm	9.1mm	11mm	11mm	Various	Various	Various	Various	11mm	11mm	11mm	11mm
	Mild Steel	A2	A4	Mild Steel	A2	A4	Mild Steel	A2	A4	St St Band Arch, Zinc-Plated (Bolt)	A2	Zinc Plated Mild Steel	A2	Zinc-Plated Mild Steel	A2	A2	Zinc Plated Mild Steel	A2	Mild Steel	A2				
28 - 31mm																								

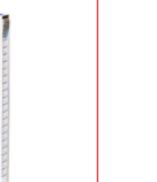
NOSE & JUBILEE CLIPS

IVES, MINI-CLIPS & QUICK RELEASE STRAPS

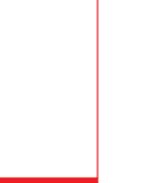
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RIVES, MINI-CLIPS & QUIC

HOSE & JUBILEE CLIPS

	Flexiband			Flexiband Buckle		
	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel
						
	176-0793	176-0791	176-0789	176-0787	176-0792	176-0790
Brand	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee
Manufacturer Part No.	FB09B	FB13B	FB16B	FB19B	FB09H	FB13H
Band width (mm)	9	13	16	19		
Length (m)	30	30	30	30		
Number of Pieces	1 Roll	1 Roll	1 Roll	1 Roll	Box of 25	Box of 25
Fixing	Use with 9mm buckle - 176-0792	Use with 13mm buckle - 176-0790	Use with 16mm buckle - 176-0788	Use with 19mm buckle - 176-0786	For 9mm banding	For 13mm banding

	Multiband			Multiband Connectors	
	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A4 Stainless Steel	A4 Stainless Steel
					
	187-0412	124-5705	124-5706	144-0726	144-0727
Brand	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee
Manufacturer Part No.	MB1802	MB1601	MB1602	MB1901	MB1902
Band width (mm)	11	7	7	11	11
Length (m)	30	25	50	10	30
Number of Pieces	1 Roll				
Fixing					Solid housings/screws, 7mm A/F hexagonal screw

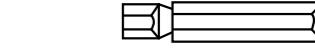
	Flexiband Buckle		Flexiband Tool		Multiband	
	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	Zinc Plated Mild Steel	Zinc Plated Mild Steel	
						
	176-0788	176-0786	176-0785	124-5701	187-0399	
Brand	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee	
Manufacturer Part No.	FB16H	FB19H	FBT	MB1701	MB1702	
Band width (mm)				11	11	
Length (m)				10	30	
Number of Pieces	Box of 25	Box of 25	1	1 Roll	1 Roll	
Fixing	For 16mm banding	For 19mm banding				

	Zinc Plated Mild Steel	Zinc Plated Mild Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel
						
	867-5646	124-5702	124-5707	867-5649	867-5643	124-5704
Brand	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee
Manufacturer Part No.	MB1705	MB1706	MB1603	MB1803	MB1804	MB1805
Band width (mm)						
Length (m)						
Number of Pieces	Box of 25					
Fixing	Captive housings/screws, 3/16inch recess hexagonal slot	Captive housings/screws, 7mm A/F hexagonal screw	Flip/Lock housings/Screws, for 7mm Slimline	Solid housings/screws, 7mm A/F hexagonal screw, for 11mm banding	Solid housings/screws, 3/16inch recess hex slot, for 11mm banding	Captive housings/screws, 7mm A/F hexagonal screw, for 11mm banding

	Multiband Connectors	Multiband Kit		Multi-Torque Banding		
	A4 Stainless Steel	Zinc Plated Mild Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel
						
	144-0728	124-5708	124-5709	124-5710	727-5939	727-5933
Brand	Jubilee	Jubilee	Jubilee	Jubilee	JCS	JCS
Manufacturer Part No.	MB1903	MB1707	MB1807	MB1607	MTB10P	MTB30P
Band width (mm)		11	11	7	16	16
Length (m)		3	3	8	10	30
Number of Pieces	Box of 25	1 Roll	1 Roll	1 Roll	1 Roll	1 Roll
Fixing	Solid housings/screws					

	Multi-Torque Connectors	Multi-Torque Kit
	A2 Stainless Steel	A2 Stainless Steel
		
	727-5942	280-0082
Brand	JCS	JCS
Manufacturer Part No.	MTC150P	MTK1BG
Band width (mm)	16	
Length (m)	0.15	
Number of Pieces	5	1
Fixing		1m band + 1 connector

	JCS Tamtorque Tamperproof Sign Fixing Clamp
	
For Post Diameters	A2 304 with 410 Hardened Screw, 16mm Band
55 - 70 mm	365-2301
100 - 130 mm	365-2323
130 - 190 mm	365-2339
190 - 250 mm	365-2351
250 - 340 mm	365-2367

	JCS Tamtorque Driver	JCS Tamtorque Power Tool Bit
		
	Mild Steel	Mild Steel
	365-2389	365-2395

HOSE CLIP KITS

HOSE CLIP KITS

RS PRO

RS PRO

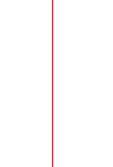
HOSE CLIP KITS

HOSE CLIP KITS

	Worm Drive					
	Zinc Plated Mild Steel	A4 Stainless Steel	Zinc Plated Mild Steel	A2 Stainless Steel	Zinc Plated Mild Steel	Zinc Plated Mild Steel
						
	175-7152	175-7149	365-2266	466-4939	144-0631	908-9103
Brand	RS PRO	RS PRO	JCS HI-GRIP	JCS HI-GRIP	Jubilee	Jubilee
Manufacturer Part No.			HGZAB1	HGSAB2	CD100MS	HP100MS
Smallest Clip Inside Dia.	9.5 ↔ 12mm	9.5 ↔ 12mm	9.5 ↔ 12mm	9.5 ↔ 12mm	9.5 ↔ 12mm	9.5 ↔ 12mm
Largest Clip Inside Dia.	25 ↔ 35mm	25 ↔ 35mm	35 ↔ 50 mm	35 ↔ 50mm	35 ↔ 50mm	35 ↔ 50mm
Number of Pieces	70	70	135	76	100	100
Number of Sizes	7	7	10	10	10	10

	Worm Drive			Wingspade		Mini-Clip	
	A4 Stainless Steel	A4 Stainless Steel	A4 Stainless Steel	Mild Steel	Zinc Plated Mild Steel	Zinc Plated Mild Steel	
							
	908-9099	144-0644	908-9093	144-0634	365-2272	908-9083	
Brand	Jubilee	Jubilee	Jubilee	Jubilee	JCS HI-Grip	Jubilee	
Manufacturer Part No.	PPJJMS	JA165SS	PPJJSS	PWSS	MCZAB1	JA165MS	
Smallest Clip Inside Dia.	7 ↔ 9mm	7 ↔ 9 mm	7 ↔ 9 mm	9.5mm	7 ↔ 9mm	7 ↔ 9mm	
Largest Clip Inside Dia.	14 ↔ 16mm	12 ↔ 14mm	14 ↔ 16mm	55mm	16 ↔ 18 mm	12 ↔ 14mm	
Number of Pieces	54	165	54	22	157	165	
Number of Sizes	8	6	8	7	10	6	

	Worm Drive					
	Zinc Plated Mild Steel	Zinc Plated Mild Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel
						
	908-9071	908-9087	908-9106	908-9080	908-9096	124-5703
Brand	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee
Manufacturer Part No.	HCP143MS	PPMS	HP100SS	HCP143SS	PPSS	MB1801
Smallest Clip Inside Dia.	9.5 ↔ 12mm	9.5 ↔ 12mm	9.5 ↔ 12mm	9.5 ↔ 12mm	9.5 ↔ 12mm	Cut to any size.
Largest Clip Inside Dia.	30 ↔ 40mm	30 ↔ 40mm	35 ↔ 50mm	30 ↔ 40mm	30 ↔ 40mm	Cut to any size.
Number of Pieces	143	32	100	143	32	10m Roll
Number of Sizes	8	8	10	8	8	

	Mini-Clip			O Clip		
	Zinc-Plated Mild Steel	A2 Stainless Steel	A2 Stainless Steel	Mild Steel	Zinc Plated Mild Steel	A2 Stainless Steel
						
	908-9099	144-0644	908-9093	292-524	144-0636	144-0645
Brand	Jubilee	Jubilee	Jubilee	RS PRO	Jubilee	Jubilee
Manufacturer Part No.	PPJJMS	JA165SS	PPJJSS	OK175MS	OK175SS	
Smallest Clip Inside Dia.	7 ↔ 9mm	7 ↔ 9 mm	7 ↔ 9 mm	5 ↔ 7mm	5 ↔ 7mm	5 ↔ 7mm
Largest Clip Inside Dia.	14 ↔ 16mm	12 ↔ 14mm	14 ↔ 16mm	23 ↔ 27 mm	5 ↔ 20mm	5 ↔ 20mm
Number of Pieces	54	165	54	200	175	175
Number of Sizes	8	6	8	10	8	8

P-CLIPS

JCS TPE Rubber Liner		
	12.6mm Band Width	12.6mm Band Width
Fixing Hole dia. x Closed inside dia	A2	Zinc Plated Mild Steel
6.6mm x 5mm	298-8053	298-7971
6.6mm x 6mm	298-8069	298-7987
6.6mm x 8mm	298-8075	298-7993
6.6mm x 10mm	298-8081	298-8003
6.6mm x 13mm	298-8097	298-8019
6.6mm x 16mm	298-8104	298-8025
6.6mm x 19mm	700-2968	700-2949
6.6mm x 21mm	298-8110	298-8047
6.6mm x 25mm	298-8132	298-8126
6.6mm x 29mm	700-2961	700-2943
6.6mm x 32mm	700-2965	700-2952
6.6mm x 35mm	298-8148	700-2955
6.6mm x 40mm	700-2974	700-2959

Jubilee Zinc Plated Mild Steel P Clip with EPDM Rubber Liner		
	12.7mm Band Width	Zinc Plated Mild Steel
Fixing Hole dia. x Closed inside dia	A2	Zinc Plated Mild Steel
M4/5 x 5mm	144-0646	
M4/5 x 6mm	144-0647	
M4/5 x 8mm	144-0648	
M4/5 x 9mm	144-0649	
M4/5 x 10mm	144-0650	
M4/5 x 12mm	144-0651	
M4/5 x 13mm	144-0652	
M4/5 x 14mm	144-0653	
M4/5 x 15mm	144-0654	
M4/5 x 16mm	144-0655	
M4/5 x 17mm	144-0656	
M4/5 x 18mm	144-0657	
M4/5 x 19mm	144-0658	
M4/5 x 20mm	144-0659	
M4/5 x 21mm	144-0660	
M4/5 x 22mm	144-0661	
M4/5 x 25mm	144-0662	
M4/5 x 27mm		144-0664
M4/5 x 28mm		144-0665
M4/5 x 29mm		144-0666
M4/5 x 30mm		144-0667
M4/5 x 32mm		144-0668
M4/5 x 35mm		144-0669
M4/5 x 40mm		144-0670
M4/5 x 44mm		144-0671
M4/5 x 48mm		144-0672
M4/5 x 52mm		144-0673

Jubilee A2 Stainless Steel P Clip with EPDM Rubber Liner		
	12.7mm Band Width	A2
Fixing Hole dia. x Closed inside dia	A2	A2
M4/5 x 5mm	144-0673	
M6 x 5mm	144-0674	
M6 x 6mm	144-0675	
M6 x 9mm	144-0676	
M6 x 10mm	144-0677	
M6 x 12mm	144-0678	
M6 x 13mm	144-0679	
M6 x 14mm	144-0680	
M6 x 15mm	144-0681	
M6 x 16mm	144-0682	
M6 x 17mm	144-0683	
M6 x 18mm	144-0684	
M6 x 19mm	144-0685	
M6 x 20mm	144-0686	
M6 x 21mm	144-0687	
M6 x 22mm	144-0688	
M6 x 25mm	144-0689	
M6 x 27mm	144-0690	
M6 x 28mm	144-0691	
M6 x 29mm	144-0692	
M6 x 30mm	144-0693	
M6 x 32mm	144-0694	
M6 x 35mm	144-0695	
M6 x 40mm	144-0696	
M6 x 44mm	144-0697	
M6 x 48mm	144-0698	
M6 x 52mm	144-0699	

	Zinc Plated Mild Steel	A2 Stainless Steel	Zinc Plated Mild Steel	A2 Stainless Steel
Brand	JCS	JCS	Jubilee	Jubilee
Manufacturer Part No.	PCZRAB1	PCSRAB1	JPCK110MS	JPCK110SS
Inside Diameter Range	5mm - 35mm	5mm - 35mm	5mm - 35mm	5mm - 35mm
Liner	TPE Rubber	TPE Rubber	EPDM Rubber	EPDM Rubber
Number of Pieces	104	104	110	110
Number of Sizes	11	11	11	11

THREADED STANDOFFS

Brand	Hex Body Shape, Nylon							
	Female/Female				Male/Female			
	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)	
RS PRO	382-961	Female/Female	M3 x M3	6		5.5	6	
	325-722	Female/Female	M3 x M3	8		5.5	8	
	325-643	Female/Female	M3 x M3	10		5.5	10	
	325-659	Female/Female	M3 x M3	12.7		5.5	12.7	
	325-665	Female/Female	M3 x M3	15		5.5	15	
	325-693	Female/Female	M3 x M3	18		5.5	18	
	325-700	Female/Female	M3 x M3	20		5.5	20	
	325-716	Female/Female	M3 x M3	25		5.5	25	
	325-671	Female/Female	M3 x M3	30		5.5	30	
	653-9324	Female/Female	M3 x M3	10		7	4	
	382-967	Male/Female	M3 x M3	6	6	5.6	5.3	
	325-738	Male/Female	M3 x M3	8	6	5.6	7.5	
	325-687	Male/Female	M3 x M3	10	6	5.6	6.5	
	325-744	Male/Female	M3 x M3	12.7	6	5.6	10	
	325-772	Male/Female	M3 x M3	15	6	5.6	10	
	325-750	Male/Female	M3 x M3	20	6	5.6	10	
	325-766	Male/Female	M3 x M3	25	6	5.6	10	
	653-9548	Male/Female	M3 x M3	7	6	7	4	
	653-9510	Male/Female	M3 x M3	8	6	7	4	
	653-9504	Male/Female	M3 x M3	9	6	7	4	
	653-9532	Male/Female	M3 x M3	10	6	7	4	
	382-955	Male/Female	M4 x M4	10	6	7	6.5	
	325-788	Male/Female	M4 x M4	15	6	7	10	
	325-794	Male/Female	M4 x M4	19	6	7	10	
	382-951	Male/Female	M4 x M4	25	6	7	10	
	325-801	Male/Female	M4 x M4	30	6	7	10	

NYLON STANDOFFS

Brand	Round Body Shape, Nylon							
	Female/Female				Male/Female			
	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Outside Diameter (mm)	Hole Depth (mm)	
RS PRO	653-9330	Female/Female	M3 x M3	13		8	6	
	653-9318	Female/Female	M3 x M3	20		8	6	
	653-9346	Female/Female	M3 x M3	25		8	6	
	653-9453	Female/Female	M3 x M3	30		8	6	
	653-9475	Female/Female	M4 x M4	16		8	6	
	653-9469	Female/Female	M4 x M4	20		8	6	
	653-9447	Female/Female	M4 x M4	25		8	6	
	653-9431	Female/Female	M4 x M4	30		8	6	
	653-9425	Female/Female	M5 x M5	25		9.5	9	
	653-9481	Female/Female	M6 x M6	25		12.7	9	
	653-9403	Male/Female	M3 x M3	13	6	8	6	
	653-9295	Male/Female	M3 x M3	20	6	8	6	
	653-9396	Male/Female	M3 x M3	25	6	8	6	
	653-9302	Male/Female	M3 x M3	30	6	8	6	
	653-9352	Male/Female	M4 x M4	16	6	8	6	
	653-9374	Male/Female	M4 x M4	20	6	8	6	
	653-9368	Male/Female	M4 x M4	25	6	8	6	
	653-9419	Male/Female	M4 x M4	30	6	8	6	
	653-9380	Male/Female	M5 x M5	25	10	9.5	9	
	653-9497	Male/Female	M6 x M6	25	12.7	12.7	9	

RS PRO

Brand	Hex Body Shape, Nickel Plated Brass							
	Female/Female				Male/Female			
	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)	
RS PRO	222-367	Female/Female	M3 x M3	5		5	5	
	222-373	Female/Female	M3 x M3	6		5	6	
	222-389	Female/Female	M3 x M3	8		5	8	
	222-395	Female/Female	M3 x M3	10		5	10	
	222-402	Female/Female	M3 x M3	12		5	12	
	222-418	Female/Female	M3 x M3	18		5	18	
	222-424	Female/Female	M3 x M3	20		5	20	
	222-430	Female/Female	M3 x M3	25		5	25	
	222-446	Female/Female	M3 x M3	30		5	30	
	222-452	Female/Female	M3 x M3	40		5	40	
	222-468	Female/Female	M4 x M4	5		7	5	
	222-474	Female/Female	M4 x M4	6		7	6	
	222-480	Female/Female	M4 x M4	10		7	10	
	222-496	Female/Female	M4 x M4	20		7	20	
	222-503	Female/Female	M4 x M4	25		7	25	
	806-6695	Female/Female	M4 x M4	30		7	10	
	806-6705	Female/Female	M4 x M4	35		7	10	
	806-6708	Female/Female	M4 x M4	40		7	10	
	806-6702	Female/Female	M4 x M4	45		7	10	
	806-6711	Female/Female	M4 x M4	50		7	10	
	606-670	Male/Female	M3 x M3	5	8	5	2.5	
	221-128	Male/Female	M3 x M3	6	8	5	2.5	
	221-134	Male/Female	M3 x M3	8	8	5	5	
	606-686	Male/Female	M3 x M3	10	8	5	5	
	221-140	Male/Female	M3 x M3	12	8	5	8	
	606-692	Male/Female	M3 x M3	15	8	5	8	
	221-156	Male/Female	M3 x M3	18	8	5	8	
	221-162	Male/Female	M3 x M3	20	8	5	8	
	606-709	Male/Female	M3 x M3	25	10	5	10	
	221-178	Male/Female	M3 x M3	30	10	5	10	
	221-184	Male/Female	M3 x M3	40	10	5	10	
	806-6714	Male/Female	M4 x M4	10	8	7	8.5	
	806-6718	Male/Female	M4 x M4	12	8	7	10	
	806-6727	Male/Female	M4 x M4	15	8	7	13	

BRASS STANDOFFS

Brand	RS Stock No.</

THREADED STANDOFFS

Brand	Hex Body Shape, Nickel Plated Steel						
	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)
RS PRO	806-6663	Male/Female	M6 x M6	15	10	10	12
	806-6667	Male/Female	M6 x M6	20	10	10	12
	806-6676	Male/Female	M6 x M6	25	10	10	15
	806-6679	Male/Female	M6 x M6	30	10	10	15
	806-6673	Male/Female	M6 x M6	35	10	10	15
	806-6682	Male/Female	M6 x M6	40	10	10	15
	806-6685	Male/Female	M6 x M6	45	10	10	15
	806-6689	Male/Female	M6 x M6	50	10	10	15
	806-6698	Male/Female	M6 x M6	55	10	10	15
	806-6691	Male/Female	M6 x M6	60	10	10	15

STEEL STANDOFFS

Brand	Hex Body Shape, Zinc Plated Steel						
	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)
RS PRO	806-6601	Female/Female	M3 x M3	5		5	5
	806-6597	Female/Female	M3 x M3	10		5	10
	806-6584	Female/Female	M3 x M3	15		5	10
	806-6581	Female/Female	M3 x M3	20		5	10
	806-6623	Female/Female	M3 x M3	25		5	10
	806-6610	Female/Female	M3 x M3	30		5	10
	806-6566	Female/Female	M4 x M4	10		7	10
	806-6550	Female/Female	M4 x M4	15		7	10
	806-6569	Female/Female	M4 x M4	20		7	10
	806-6594	Female/Female	M4 x M4	25		7	10
	806-6626	Female/Female	M4 x M4	30		7	10
	806-6607	Male/Female	M3 x M3	5	8	5	4.3
	806-6588	Male/Female	M3 x M3	10	8	5	8.5
	806-6572	Male/Female	M3 x M3	15	8	5	13
	806-6613	Male/Female	M3 x M3	20	8	5	15
	806-6629	Male/Female	M3 x M3	25	10	5	15
	806-6617	Male/Female	M3 x M3	30	10	5	15
	806-6578	Male/Female	M4 x M4	10	8	7	8.5
	806-6562	Male/Female	M4 x M4	15	8	7	13
	806-6575	Male/Female	M4 x M4	20	8	7	15
	806-6604	Male/Female	M4 x M4	25	10	7	15
	806-6590	Male/Female	M4 x M4	30	10	7	15

RS PRO



EVERY
PART
MATTERS



RS PRO products are audited against demanding international standards, inspected for durability and consistency and tested by leading engineers.

Only when products have been through this process are they awarded our seal of approval, quality that can be trusted. Confidence in this process is reflected in our long product warranties, proof that our products will consistently deliver the quality you expect for a long time to come.

