



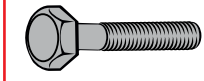
FASTENERS

SELECTION GUIDE

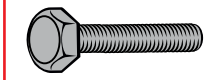


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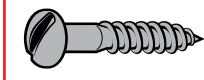
COMMON FASTENER TYPES



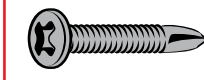
Hex bolts
Hex bolts are partially threaded and are used in machinery and construction applications. Can be used with a nut or in a tapped hole and are tightened with a wrench.



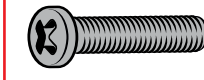
Hex set screws
Hex set screws are similar to the Hex bolt but are fully threaded instead of partially threaded. They are also used in machinery and construction applications and can be used with a nut or in a tapped hole.



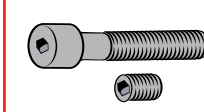
Wood screws
Wood screws are primarily used in carpentry applications. They provide a strong clamping force which strengthens the joint between two materials. Wood screws are suitable for fixing hinges, bolts, locks and other door hardware.



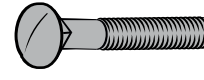
Self-drilling, Self-tapping and Thread-forming screws
These are screws which form a thread as they are inserted. The choice of screw used will depend upon the material, its thickness and the application. A pilot hole may be required.



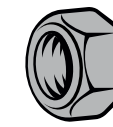
Machine screws
Machine screws are fully threaded and are used with a nut or in a tapped hole. They can be used in many applications where a high strength fastener is not required. The drive type dictates the appropriate screwdriver required.



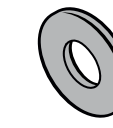
Socket screws
Socket screws have an internal hex drive and are tightened using a hex key. Often they are used in applications where there is limited clearance. A headless version is available and is known as a socket set screw or grub screw.



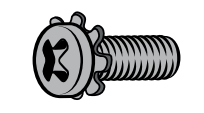
Coach/Carriage Bolts
Coach bolts, also known as Carriage bolts, have a domed head with a square section underneath that pulls into the material or a square hole to prevent spinning during installation.



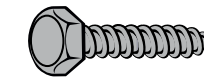
Nuts
Nuts are used with machine threaded fasteners in through-hole applications. Hex nuts are the most common type and are for general-purpose fastening applications. Other types are chosen depending on the application required. These include locking nuts, which are used when a greater resistance to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



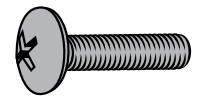
Washers
Washers are generally used with a machine threaded fastener and nut to spread the load over a greater surface area when tightening a bolt, screw or nut.



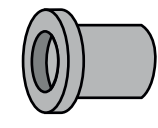
Sems Screws
Sems screws are screw/washer assemblies used to speed assembly of parts in a production environment. They contain an integral, spinning captive washer in a variety of forms.



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.



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.



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.



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.



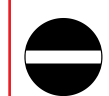
Nylon
Nylon fasteners offer good value and are ideal where a corrosion-free, lightweight solution is required. They offer good insulation resistance and can be used in high voltage assemblies.



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.



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.



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



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

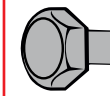


Torx
Very common in automotive applications and highly resistant to slippage or cam-out.

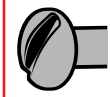


Security
A range of tamperproof types with a spigoted recess virtually eliminating unauthorised removal.

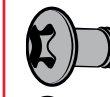
HEAD TYPES



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.



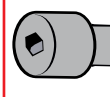
Pan
Consists of a raised, domed head which sits above the material surface.



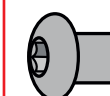
Countersunk (flat)
Fastened into a countersunk hole with head sitting flush with the material surface.



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



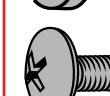
Socket
Narrow head with an internal hex socket drive. A headless version is available and is known as a socket set screw or grub screw.



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.



8.8
Grade 8.8



10.9
Grade 10.9

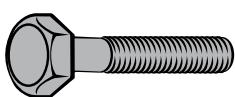


12.9
Grade 12.9

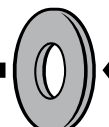
NUT AND WASHER SIZES

Nut and washer sizes indicate the size of screw or bolt they fit.

In the case of metric machine threaded fasteners, the thread size will denote the size of screw or bolt required.



M4 x 50mm



M4



M4

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.

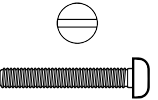
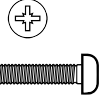
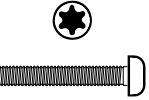
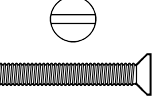
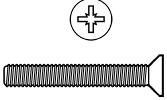
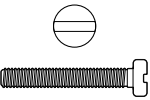
P-Clips
When secure clamping of pipes, conduits or cables is a requirement, P-clips provide the best solution. The one-piece construction gives strength while a rubber liner, suitable for wide range of operating temperatures, helps limit vibration and chafing of the cable or pipe.

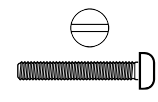
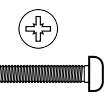
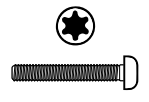
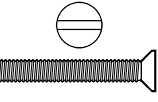
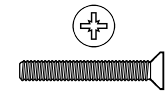
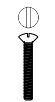
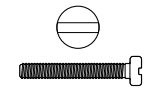


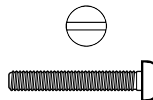
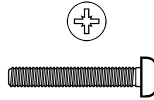
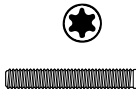
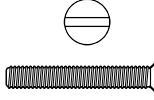
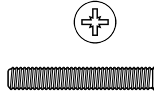
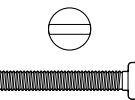
Our range includes mild steel for general industrial applications and A2 (304) grade stainless steel for demanding and corrosive environments.

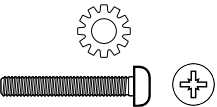
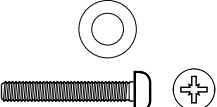
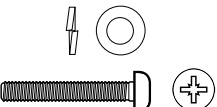
Sign Clamps and Banding
Designed specifically for the fixing of signs, bins, boxes, street furniture and CCTV systems to a holding post, sign clamps can be cut to size and offer tamper/vandal resistance to the screw or fixing. Banding and banding kits give you the flexibility to cut to length and create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

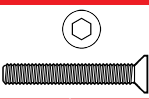
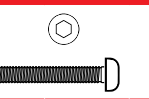
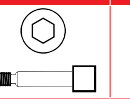
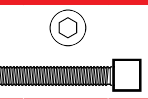
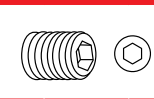
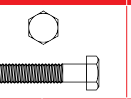
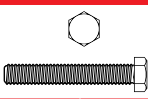


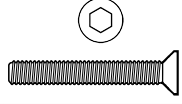
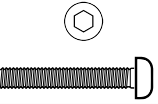
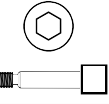
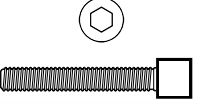
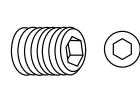
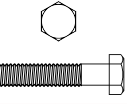
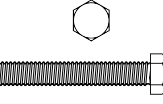
	Pan Head Slotted DIN 85					Pan Head Cross Recess DIN 7985					Pan Head Torx DIN 7985T		Csk Head Slotted DIN 963				Csk Head Cross Recess DIN 965			Csk Raised Head Slotted DIN 964	Csk Head Torx DIN 965T	Cheese Head Slot ted DIN 84	
																							
	BZP	Nickel Plated Brass	Brass	A2	A4	BZP	Nickel 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
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						
M2.5 x 10mm	908-7582			914-1576		908-7652			797-6190								908-7475					546-6118	482-9732
M2.5 x 12mm		482-8470		526-934		560-568	483-0057		528-722		482-7887						908-7479						482-7708
M2.5 x 16mm				130-606		908-7655	483-0063		914-1484					482-9164									
M2.5 x 20mm		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					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		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			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								

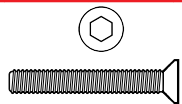
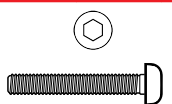
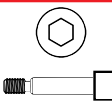
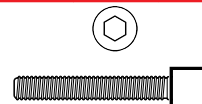
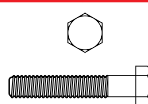
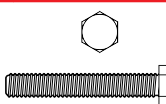
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	BZP	Nickel Plated Brass	Brass	A2	A4	BZP	Nickel Plated Brass	Black ZP	A2	A4	BZP	A2	BZP	Nickel Plated Brass	A2	A4	BZP	A2	A4	Nickel Plated Brass	A2	BZP	Nickel Plated Brass	
M3.5 x 6mm		482-8587							914-1504					482-9237										
M3.5 x 8mm						908-7665			914-1507															
M3.5 x 10mm						908-7674						908-7387										908-7753		
M3.5 x 12mm	560-827	482-8593				560-653			528-788			908-7380					908-7491				482-9530			
M3.5 x 16mm	908-7595					908-7677						908-7384									482-9546			
M3.5 x 20mm						560-669			528-794												482-9552			
M3.5 x 25mm						908-7671						908-7396									482-9568			
M3.5 x 30mm						908-7680							482-9265								482-9580			
M3.5 x 50mm																					482-9619			
M3.5 x 60mm																					482-9625			
M3.5 x 70mm																					482-9647			
M4 x 5mm						908-7683												914-1784						
M4 x 6mm	560-849		483-1505	527-016	189-355	560-675		483-0978	528-801	914-1848		262-5910	908-7390			158-3376			158-3607			262-5718	546-6219	
M4 x 8mm	908-7598			914-1585	189-361	908-7687			797-6197	190-484			908-7400		914-1661		908-7508	914-1787			482-9653		908-7750	
M4 x 10mm	560-855			527-022	189-377	560-681		483-0984	528-817	190-490			908-7403		914-1664	914-1860	908-7517		914-1949				546-6225	482-9833
M4 x 12mm	560-861	482-8650	483-1511	527-038	189-383	560-697	483-0164	483-0990	528-823	190-507	482-7950	262-5926	553-879	482-9287	527-189	158-3382	553-425	528-974	158-3613				546-6231	
M4 x 16mm	560-007	482-8666	483-1533	527-044	189-399	553-554	483-0186		528-839	190-513			553-885		527-195	158-3405	553-431	528-980	158-3629		262-5746	546-6247	482-9861	
M4 x 20mm	560-013	482-8672	483-1549	527-050	189-406	553-560			528-845	190-529	482-7966		553-891		527-202	158-3411	553-447	528-996	158-3635				546-6253	
M4 x 25mm	560-029	482-8688	483-1555	527-066	189-412	553-576	483-0209		528-851	190-535			553-908			158-3427	553-453	914-1781	158-3641				546-6269	
M4 x 30mm	560-035	482-8694	483-1561	130-634	189-428	553-582	483-0215		797-6207				908-7407	482-9322			908-7510	914-1790					546-6275	482-9899
M4 x 35mm						908-7696			914-1501														908-7769	
M4 x 40mm	560-041	482-8701		130-640		553-598			797-6200				908-7416	482-9338	914-1668		908-7514	914-1793					908-7762	
M4 x 50mm	290-073		483-1577	130-656		908-7699							908-7419				908-7523						908-7766	
M5 x 6mm	908-7592	482-8723		914-1589		908-7693	483-0243		914-1510					482-9344			908-7526						908-7775	
M5 x 8mm	908-7602				189-434	908-7703			797-6204	914-1857					914-1677		908-7520	914-1797					908-7778	
M5 x 10mm	560-057			914-1598	189-440	553-605		483-1000	797-6213	190-541			908-7413		914-1670	914-1872	908-7539	914-1807	914-1958				546-6304	482-9928
M5 x 12mm	560-063	482-8739	483-1599	527-072	189-456	553-611	483-0259	483-1016	528-867	190-557	482-7972	262-5960	553-914	482-9366	527-280	158-3433	553-469	529-006	158-3657		262-5768	546-6310		
M5 x 16mm	560-079	482-8745		527-088	189-462	553-627	483-0265	483-1038	528-873	190-563			553-920		914-1674	158-3449	553-475		158-3663		262-5774	546-6326	482-9940	
M5 x 20mm	560-085	482-8751		527-094	189-478	553-633	483-0271		528-889	190-579	482-7988		553-936	482-9388	527-296	158-3461	553-481	529-012	158-3685				546-6332	482-9956
M5 x 25mm	560-091		483-1628	527-101	189-484	553-649	483-0287		528-895	914-1850			553-942		527-303	914-1876	553-497	529-028	914-1951		262-5796	546-6348		
M5 x 30mm	908-7605	482-8773	483-1634	130-662	189-490	908-7706			797-6216				908-7422			158-3483	908-7532		158-3708				908-7772	
M5 x 35mm	908-7609			914-1591		908-7700			797-6210						914-1686	914-1885	908-7536	914-1800						
M5 x 40mm	560-108	482-8795		130-678		553-655			914-1513				908-7429			914-1888	908-7545	914-1804					908-7784	
M5 x 45mm				914-1595																				

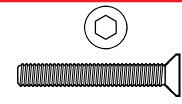
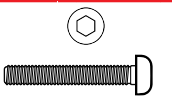
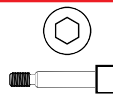
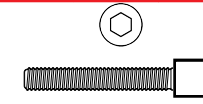
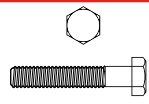
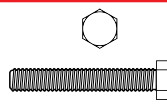
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	BZP	Nickel Plated Brass	Brass	A2	A4	BZP	Nickel Plated Brass	Black ZP	A2	A4	BZP	A2	BZP	Nickel Plated Brass	A2	A4	BZP	A2	A4	Nickel Plated Brass	A2	BZP	Nickel Plated Brass
M5 x 50mm	290-089		483-1640	130-684		908-7719			914-1526			908-7438		914-1680	914-1882	908-7548	914-1813					908-7788	
M5 x 60mm				914-1605										914-1699									
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	
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		527-331	158-3534	553-532	529-056	158-3758		262-5831	546-6398	
M6 x 30mm	908-7618		483-1707	130-690	189-557	908-7712			914-1532	190-636			908-7435		914-1706		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		914-1703		553-548	914-1826	158-3770			908-7790	
M6 x 45mm																		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																							
M6 x 80mm																							
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					908-7734							908-7466		914-1740	914-1927	908-7570	914-1844					
M8 x 45mm																							
M8 x 50mm	908-7633					908-7738							908-7469		914-1743	914-1939	908-7589						
M8 x 60mm															914-1747	914-1933							

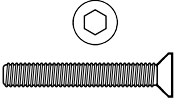
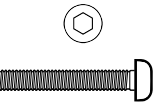
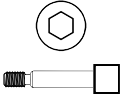
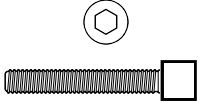
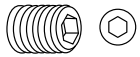
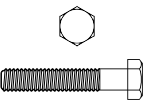
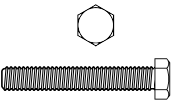
	Pan Head Cross Recess Sems Screw External Shake Proof Washer	Pan Head Cross Recess Sems Screw Plain Flat Washer	Pan Head Cross Recess Sems Screw Spring Washer
			
	BZP	BZP	BZP
M3 x 6mm	278-641	278-821	279-149
M3 x 12mm	278-657	278-837	279-155
M4 x 6mm	278-685	278-865	279-183
M4 x 12mm	278-691	278-871	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	

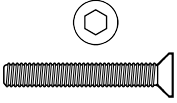
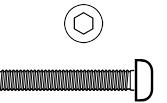
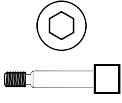
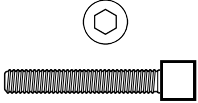
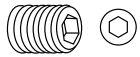
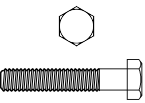
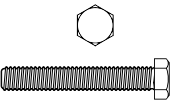
	Hex Socket Csk Screw				Hex Socket Button Screw ISO 7380				Hex Socket Shoulder Screw ISO 7379	Hex Socket Cap Screw DIN 912					Grub Screw / Socket Set Screw DIN 916			Hex Head Bolt DIN 931		Hex Head Set Screw DIN 933					
																									
	BZP	Black Self Colour	A2	A4	BZP	Black Self Colour	A2	A4	Black Self Colour	BZP	Black Self Colour	A2	A4	Titanium	Black Self Colour	A2	A4	BZP	A2	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			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			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								
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			483-9593		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		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			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				124-7269	822-9085	124-7351	660-4633		529-977	137-786	187-0743					525-818			

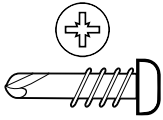
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	BZP	Black Self Colour	A2	A4	BZP	Black Self Colour	A2	A4	Black Self Colour	BZP	Black Self Colour	A2	A4	Titanium	Black Self Colour	A2	A4	BZP	A2	BZP	Brass	A2	A4
M5 x 10mm	483-9824	281-451			483-9616	281-259	183-8660	232-8221	292-271	483-8269	467-9953	281-063	304-4586	227-6855	529-983	137-792	187-0759			917-2814	482-7786		263-2198
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M5 x 25mm	491-5114	292-467		232-8445	822-9177		797-6092	304-4643		491-5259	467-9997	290-124	187-1342					917-3084		527-432		520-093	262-2227
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M6 x 8mm					822-9189	822-9117				124-7270					530-012	137-821	187-0793						
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	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			
																							
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M10 x 65mm										124-7285	468-0335	124-7363						917-3160	797-6294	917-2924			
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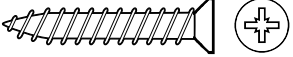
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M10 x 90mm	124-7181									124-7289	275-147	124-7366						279-745	508-1060	917-2930			
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M10 x 120mm											468-0363	124-7368						917-3176		917-2937			
M10 x 130mm																		917-3185		917-2946			
M10 x 140mm																		917-3188					
M10 x 150mm																		917-3182		917-2949			
M10 x 160mm																		917-3191					
M10 x 180mm																		917-3194					
M10 x 200mm																		917-3198					
M12 x 16mm																				917-2943			
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M12 x 25mm	822-9284	124-7206	124-7249		822-9243						124-7291	468-0385	124-7369							530-163		520-324	
M12 x 30mm	822-9293	124-7207	124-7250		822-9246						124-7292	468-0391	288-957	304-4463						530-179		520-330	183-9124
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M12 x 60mm	124-7183	124-7213	124-7254								124-7297	529-898	288-985	124-7374				279-795	508-1105	530-208		520-368	183-9152
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M12 x 100mm	124-7189											468-0442						279-852	508-1155	917-2974			
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M12 x 130mm																		917-3214		917-2971			
M12 x 140mm																		917-3217					
M12 x 150mm																		917-3211		917-2980			
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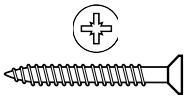
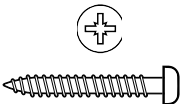
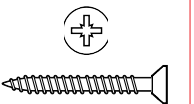
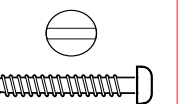
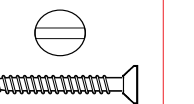
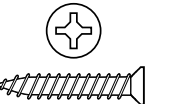
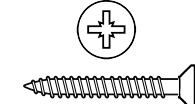
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	BZP	Black Self Colour	A2	A4	BZP	Black Self Colour	A2	A4	Black Self Colour	BZP	Black Self Colour	A2	A4	Titanium	Black Self Colour	A2	A4	BZP	A2	BZP	Brass	A2	A4
M12 x 220mm																		917-3239					
M12 x 230mm																		917-3233					
M12 x 240mm																		917-3242					
M12 x 250mm																		917-3245					
M14 x 30mm																				917-2996			
M14 x 35mm																				917-2999			
M14 x 40mm																				917-2993			
M14 x 45mm																				917-3006			
M14 x 50mm																		917-3249		917-3009			
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M16 x 80mm										124-7310	275-361							279-925	508-1234		276-695	263-2312	
M16 x 90mm											124-7328							279-931	508-1240	917-3037			
M16 x 100mm										124-7312	275-383	917-6257						279-947	508-1256	917-3031			
M16 x 110mm																		917-3283					

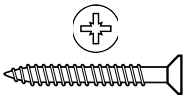
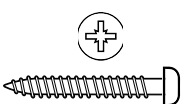
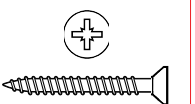
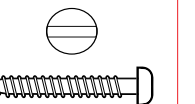
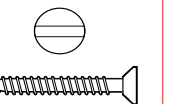
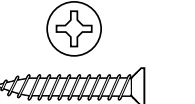
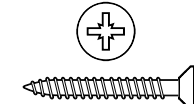
	Hex Socket Csk Screw				Hex Socket Button Screw ISO 7380				Hex Socket Shoulder Screw ISO 7379	Hex Socket Cap Screw DIN 912					Grub Screw / Socket Set Screw DIN 916			Hex Head Bolt DIN 931		Hex Head Set Screw DIN 933			
																							
	BZP	Black Self Colour	A2	A4	BZP	Black Self Colour	A2	A4	Black Self Colour	BZP	Black Self Colour	A2	A4	Titanium	Black Self Colour	A2	A4	BZP	A2	BZP	Brass	A2	A4
M16 x 120mm											468-0543							279-953		917-3040			
M16 x 130mm																		917-3292		917-3043			
M16 x 140mm																		917-3295		917-3047			
M16 x 150mm																		917-3299		917-3056			
M16 x 160mm																		917-3309					
M16 x 170mm																		917-3302					
M16 x 180mm																		917-3306		917-3059			
M16 x 190mm																		917-3315					
M16 x 200mm																				917-3053			
M20 x 30mm																				917-3062			
M20 x 40mm											124-7339											276-702	
M20 x 50mm										124-7313	124-7340											276-718	
M20 x 55mm																		917-3318					
M20 x 60mm											124-7341							279-969					
M20 x 65mm											124-7342							279-975		917-3065			
M20 x 70mm											124-7343							279-981	508-1262			276-730	
M20 x 75mm																		917-3312					
M20 x 80mm										124-7316	124-7344							279-997	508-1284			276-746	
M20 x 90mm										124-7317	124-7345							277-553		917-3069			
M20 x 100mm										124-7318	124-7346							277-569	508-1307			276-752	
M20 x 110mm																		917-3321					
M20 x 120mm											124-7347							277-575		917-3078			
M20 x 130mm											124-7348							277-581		917-3071			
M20 x 150mm																		277-597		917-3075			

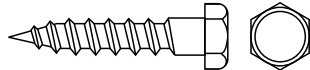
	Cross Recess Pan Self-Tapper DIN 7981C			Cross Recess CSK Self-Tapper DIN 7982C			Cross Recess Pan Self-Driller DIN 7504-N
							
	BZP	A2	A4	BZP	A2	A4	BZP
No. 4 x 1/4in	546-5604	521-535					
No. 4 x 3/8in	546-5610	521-541	522-1325				
No. 4 x 1/2in	546-5632	521-557	522-1410				
No. 6 x 1/4in	546-5648	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		

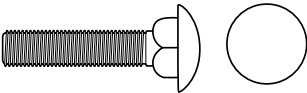
	Hex Self Driller with washer DIN 7504K
	
	BZP
4.2 x 13mm	546-5806
4.2 x 19mm	546-5812
4.2 x 25mm	546-5828
4.8 x 16mm	546-5834
4.8 x 19mm	546-5856
4.8 x 25mm	546-5862
5.5 x 19mm	546-5878
5.5 x 25mm	546-5884
5.5 x 32mm	546-5890
5.5 x 38mm	546-5913

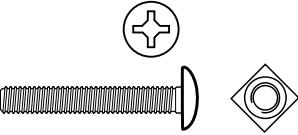
	Cross Recess Countersunk Twin Thread
	
	BZP
No. 4 x 1/2in	144-3495
No. 4 x 5/8in	144-3496
No. 4 x 3/4in	144-3497
No. 4 x 1in	144-3498
No. 6 x 1/2in	144-3499
No. 6 x 5/8in	144-3500
No. 6 x 3/4in	529-062
No. 6 x 1	529-078
No. 6 x 1.1/4	529-084
No. 6 x 1.1/2	529-090
No. 8 x 1/2	521-169
No. 8 x 5/8	144-3501
No. 8 x 3/4	521-181
No. 8 x 1	529-107
No. 8 x 1.1/4	529-113
No. 8 x 1.1/2	529-129
No. 8 x 1.3/4	521-197
No. 8 x 2	529-135
No. 8 x 2.1/2	521-204
No. 8 x 3	144-3502
No. 10 x 1	529-141
No. 10 x 1.1/4	521-226
No. 10 x 1.1/2	529-157
No. 10 x 1.3/4	521-232
No. 10 x 2	529-163
No. 10 x 2.1/2	529-179
No. 10 x 3	521-248
No. 10 x 3.1/2	144-3503
No. 10 x 4	144-3504
No. 12 x 1.1/2	144-3505
No. 12 x 2	521-254
No. 12 x 2.1/2	144-3506
No. 12 x 3	521-260
No. 12 x 4	521-282

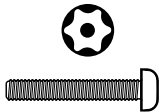
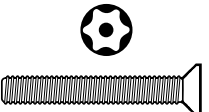
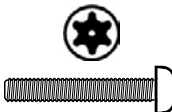
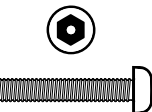
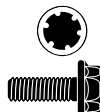
	Cross Recess Countersunk General Purpose		Cross Recess Round Single Thread DIN 7996	Cross Recess Countersunk Single Thread DIN 7997	Slot Round Single Thread DIN 96	Slot Countersunk Single Thread DIN 97	Ulti-Mate Pozisquare Countersunk High Performance	Unifix Vortex Recessed Countersunk High Performance
								
	Zinc Plated, Yellow Passivated	A2	A2	A2	A2	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	145-6466
4 X 30mm	144-3476	797-6222	144-3517	483-3157	483-2889	144-3531	493-4569	145-6467
4 X 35mm	144-3477							
4 x 40mm	263-1864	797-6226	483-3236	483-3006	483-2895	483-3078	493-4575	145-6468
4 X 45mm	144-3478							
4 x 50mm	263-1870	797-6235	144-3518	483-3163	483-2902		493-4581	145-6469
4 X 60mm	144-3479	144-3510						145-6470
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							

	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	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	145-6476
5 X 60mm	144-3485	797-6241						145-6477
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

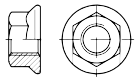
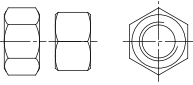
	Hex Coach Screw DIN 571					
						
	BZP	A2		BZP	A2	
M6 x 25mm	144-3532		M10 x 50mm	825-039	144-3557	
M6 x 30mm	824-856		M10 x 60mm	825-051	144-3558	
M6 x 40mm	824-878	144-3548	M10 x 70mm	825-073	144-3559	
M6 x 50mm	824-890	144-3549	M10 x 75mm	825-089		
M6 x 60mm	824-913	144-3550	M10 x 80mm	825-095	144-3560	
M6 x 70mm	824-935	144-3551	M10 x 100mm	825-118	144-3561	
M6 x 80mm	144-3533		M10 x 120mm	144-3539	144-3562	
M6 x 90mm	144-3534		M10 x 130mm	144-3540		
M6 x 100mm	144-3535		M10 x 140mm	144-3541		
M8 x 25mm	144-3536		M10 x 150mm	144-3542		
M8 x 30mm	144-3537		M12 x 40mm	144-3543		
M8 x 40mm	824-941		M12 x 50mm	144-3544		
M8 x 45mm	824-957		M12 x 60mm	825-124		
M8 x 50mm	824-963	144-3552	M12 x 70mm			
M8 x 60mm	824-985	144-3553	M12 x 75mm	825-152		
M8 x 65mm	824-991		M12 x 80mm	825-168		
M8 x 70mm	825-001	144-3554	M12 x 100mm	825-180		
M8 x 75mm	825-017		M12 x 120mm	825-203		
M8 x 80mm	825-023	144-3555	M12 x 130mm			
M8 x 100mm	144-3538	144-3556	M12 x 150mm	144-3547		

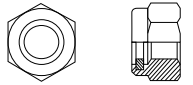
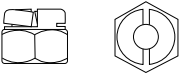
	Coach/Carriage Bolt DIN 603-555 (M6-M10)	
		
	BZP	A2
M6 x 20mm		122-4417
M6 x 25mm	512-0985	122-4418
M6 x 30mm	512-0991	122-4419
M6 x 35mm		122-4420
M6 x 40mm	512-1001	122-4421
M6 x 50mm	512-1017	122-4422
M6 x 60mm		122-4423
M6 x 65mm	512-1023	
M6 x 70mm		
M6 x 75mm	512-1039	
M6 x 100mm		
M8 x 20mm		122-4424
M8 x 25mm		122-4425
M8 x 30mm		122-4426
M8 x 35mm		122-4427
M8 x 40mm	512-1051	122-4428
M8 x 50mm	512-1067	122-4429
M8 x 60mm		122-4430
M8 x 65mm	512-1073	
M8 x 70mm		122-4431
M8 x 75mm	512-1089	
M8 x 80mm		122-4432
M8 x 90mm		122-4433
M8 x 100mm	512-1102	122-4434
M10 x 30mm		122-4435
M10 x 40mm		122-4436
M10 x 50mm		122-4437
M10 x 60mm		122-4438
M10 x 65mm	512-1118	
M10 x 70mm		122-4439
M10 x 75mm	512-1124	
M10 x 80mm		122-4440
M10 x 90mm		122-4441
M10 x 100mm	512-1130	122-4442
M10 x 110mm		122-4443

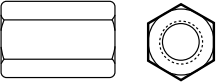
	Mushroom Head Roofing Bolt with Square Nut (M6-M8)	
		
	BZP	
M6 x 12mm	277-604	
M6 x 16mm	277-610	
M6 x 20mm	277-626	
M6 x 25mm	277-632	
M6 x 40mm	277-648	
M6 x 50mm	277-654	
M6 x 60mm	277-660	
M6 x 70mm	277-676	
M8 x 12mm	277-682	
M8 x 20mm	277-698	
M8 x 30mm	277-705	
M8 x 40mm	277-711	
M8 x 60mm	277-733	
M8 x 70mm	277-749	
M8 x 80mm	277-755	

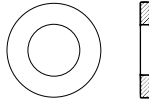
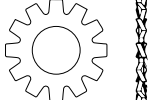
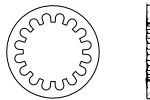
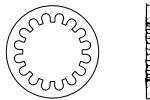
	Pan Head Security	Csk Head Security		Button Head 6 Lobe Security	Button Head Hex Security	System Zero Tamper Proof Head Security	
							
	BZP	BZP	A2	A4	BZP	Zinc Plated Steel	A2
M3x6mm	482-8256	482-8111	621-2495	621-2631	621-2754	524-534	300-7672
M3x12mm	482-8262	482-8133	621-2502	621-2625	621-2748	524-540	
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	300-7701
M4x12mm	482-8329	482-8183	621-2546	621-2647	621-2805	524-584	300-7717
M4x19mm						526-760	300-7723
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	483-975
M5x19mm						483-947	483-979
M5x20mm	482-8363	482-8212	621-2580	621-2704	621-2827		
M5x25mm	482-8379		621-2574	621-2726	621-2833	483-969	300-7789
M5x30mm						483-963	
M6x10mm						524-613	300-7802
M6x12mm	482-8385		621-2596	621-2697	621-2849		
M6x16mm						524-629	300-7818
M6x19mm						526-726	
M6x20mm	482-8391		621-2603	621-2710	621-2855		
M6x25mm	482-8414	482-8240	621-2619	621-2732	621-2861	526-732	300-7830
M6x30mm						526-748	
M6x40mm						526-754	300-7852

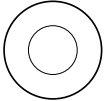
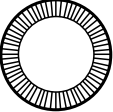
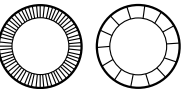
	Threaded Rods DIN 976			
				
	Brass Self Colour	A2	A4	BZP
M3x1m	468-7077	280-363	200-9942	530-292
M4x1m	468-7083	280-379	200-9958	530-309
M5x1m	468-7106	280-385	200-9964	530-315
M6x1m	468-7112	280-391	200-9970	530-321
M8x1m	468-7128	280-408	200-9986	530-337
M10x1m	468-7134	280-414	200-9992	530-343
M12x1m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

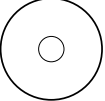
	Unserrated Flange Nut DIN 6923		Serrated Flange Nut DIN 6923		Nylon Insert Flange Locking Nut DIN 6926	Square Nut DIN 562	Half Nut DIN 439			Full Nut DIN 934				
														
	BZP	A2	BZP	A2	BZP	BZP	Nickel Plated Brass	A2	A4	BZP	Nickel Plated Brass	Brass	A2	A4
M2							483-0316			560-271			527-218	248-4551
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
														
	BZP	BZP	A2	A4	BZP	A1	A4	BZP	A2	A4	BZP	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					

	Connecting/Coupling Nuts DIN 6334		
			
	BZP	A2	A4
M6x18mm	276-522		206-2252
M8x24mm	276-538	825-275	206-2268
M10x30mm	276-544	825-281	206-2274
M12x36mm	276-550	825-297	
M16x48mm	276-566	825-304	
M20x60mm	276-572	825-310	

	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)	BZP	BZP	A2	A4
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			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		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		914-3389	914-3406	914-3364
M12	530-113	530-876	183-9067			293-224	530-270		914-3383	914-3415	914-3367
M16		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	507-2678	660-4765
M6 x 25mm	666-7766	507-2684	660-4768
M6 x 30mm	666-7769	507-2690	660-4762
M6 x 40mm	666-7763		
M8 x 25mm	666-7772	507-2713	660-4771
M8 x 30mm	666-7775	507-2729	660-4774
M8 x 40mm	666-7779		
M10 x 30mm	666-7788	507-2735	660-4778
M10 x 35mm		660-4623	660-4787
M10 x 40mm	666-7781		
M10 x 50mm	666-7785		
M12 x 35mm		660-4627	660-4780



	Machine Screw		Socket Screws	
	Bright Zinc Plated Steel	Black Self Colour Steel	Bright Zinc Plated Steel	A2 Stainless Steel
				
	849-423	823-897	290-9606	393-179
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type	Slotted	Hex Socket	Hex Socket	Hex Socket
Number of Pieces	3160	455	450	410
Head Shape	Countersunk & Pan	Countersunk	Countersunk	Countersunk
Thread Sizes	M2, M2.5, M3, M4, M5, M6	M3, M4, M5, M6	M3, M4, M5, M6, M8	M3, M4, M5, M6
Screw/Bolts Lengths	6 → 40mm	6 → 30mm	8 → 30mm	10 → 30mm

	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



	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	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	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

	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



	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
	Ulti-Mate	Ulti-Mate	Ulti-Mate	Unifix Vortex	RS PRO	RS PRO
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
Screw/Bolts Lengths	20 → 100mm	20 → 100mm	25 → 100mm		3/8 → 1in	1/4 → 1-1/4in

	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
	RS PRO	RS PRO	RS PRO	RS PRO
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



	Thread Rolling Screws	
	Bright Zinc Plated, Clear Passivated Steel	Bright Zinc Plated Steel
	483-1319	482-7528
	RS PRO	RS PRO
Brand	RS PRO	RS PRO
Drive Type	Cross Recessed	Cross Recessed
Number of Pieces	250	250
Head Shape	Pan	Pan
Thread Sizes	M3, M4	No. 10, No. 4, No. 6, No. 8
Screw/Bolts Lengths	5 → 12mm	1/4 → 3/8in

	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, M6, M8	M10, M12, M4, M5, M6, M8
Screw/Bolts Lengths	35 → 100mm	30 → 80mm	20 → 50mm	20 → 50mm	10 → 50mm
Nut Type	Hex	Hex	Hex	Hex	

	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 ColourBrass	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

	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

	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	M3, M4, M5, M6, M8, M10, M12	M3, M4, M5, M6, M8, M10, M12	M3, M4, M5, M6, M8, M10, M12



NUT KITS



WASHER KITS

FASTENER KITS

	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

	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

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)
				
	483-0861	483-0883	483-0906	483-0912
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Number of Pieces	400	300	200	200
Thread Sizes	M3	M4	M5	M6
Nut Type	Hex Full	Hex Full	Hex Full	Hex Full

	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	13mm	16mm	16mm	12mm	13mm
	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
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			

	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	13mm	16mm	16mm	12mm	13mm
	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
25 - 45mm						494-2138				124-5741			
30 - 40mm	145-0271	145-0271	145-0271	525-240	528-441							145-0294	270-079
30 - 50mm						494-2144				124-5742			
32 - 45mm							908-8995	908-9134	124-5647				
35 - 45mm	145-0272	145-0272	145-0272	525-256	530-214								270-085
35 - 50mm	145-0273	145-0273	145-0273	525-262	530-220							145-0295	
40 - 55mm	145-0274	145-0274	145-0274	525-278	530-236								
40 - 60mm						494-2150							
40 - 70mm										124-5745			
45 - 60mm	145-0275	145-0275	145-0275	525-284	530-242								
45 - 65mm						494-2166				124-5744			
50 - 70mm						494-2172							
55 - 70mm	145-0277	145-0277	145-0277	277-840	277-907								
60 - 80mm	145-0278	145-0278	145-0278	277-856	277-913	494-2188				124-5746			
70 - 90mm	145-0279	145-0279	145-0279	277-862	277-929	494-2201							
70 - 95mm										124-5747			
75 - 95mm						494-2217							
80 - 100mm				277-878	277-935	494-2223				124-5748			
85 - 100mm	145-0280	145-0280	145-0280				908-9015	908-9150	124-5654				
90 - 120mm	145-0281	145-0281	145-0281	277-884	277-941	494-2239				124-5749			
110 - 140mm				277-890	277-957	494-2245				124-5750			
120 - 140mm	145-0260	145-0283	172-0609										
120 - 150mm							908-9021	908-9166	124-5657				
130 - 150mm	145-0261	145-0284	172-0610										
130 - 160mm	145-0285	145-0285	145-0285	688-0934	700-4346	494-2267				124-5751			
135 - 165mm							908-9030	908-9175	124-5659				
150 - 180mm	145-0286	145-0286	145-0286	700-4337	700-4349	494-2273				124-5752			
158 - 190mm							908-9033	908-9178	124-5660				

	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	13mm	16mm	16mm	12mm	13mm
	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
170 - 200mm	145-0263	145-0263	145-0263	272-716	700-4343	494-2289				124-5753			
184 - 216mm							908-9037	908-9172	124-5661				
190 - 220mm						494-2295				124-5754			
210 - 240mm						494-2302				124-5755			
210 - 242mm							124-5666	124-5671	124-5662				
230 - 260mm					700-4352					124-5756			
235 - 267mm							124-5667	124-5672	124-5663				
250 - 280mm					700-4355					124-5757			
260 - 292mm							124-5668	124-5673	124-5664				
270 - 300mm					700-4359					124-5758			
286 - 318mm							124-5669	124-5674	124-5665				
290 - 320mm										124-5759			
310 - 340mm										124-5760			
330 - 360mm										124-5761			
350 - 380mm										124-5762			
370 - 400mm										124-5763			
390 - 420mm										124-5764			
410 - 440mm										124-5766			
430 - 460mm										124-5767			
450 - 480mm										124-5768			
470 - 500mm										124-5769			
490 - 520mm										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
	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 (6mm)	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				
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														436-459 (10mm)		144-0711 (10mm)	
25 - 27mm										526-5498 (18mm)	265-0180 (18mm)								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	11mm	11mm	7mm
	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	Mild Steel	A2	A2
28 - 31mm																			
29 - 31mm	124-5678	124-5689	124-5716																
30 - 35mm															288-4153	288-2848			
31 - 34mm										526-5505 (20mm)	265-0196 (20mm)								
32 - 35mm				121-9821	121-9807	124-5717													
34 - 37mm										701-3870 (20mm)	701-3842 (20mm)								
35 - 50mm																	144-0729	144-0754	144-0778
35.3 - 41 mm															288-4169	288-2854			
36 - 39mm				121-9796	121-9808	124-5718													
37 - 40mm										526-5511 (20mm)	265-0203 (20mm)								
40 - 43mm				121-9798	121-9815	124-5719				701-3889 (20mm)	701-3851 (20mm)								
43 - 47mm										526-5533 (20mm)	265-0219 (20mm)								
44 - 47mm				121-9822	121-9810	124-5720													
45 - 75mm																	144-0731	144-0755	144-0779
47 - 51mm										701-3882 (20mm)	701-3854 (20mm)								
48 - 51mm				121-9799	121-9816	124-5721													
50 - 100mm																	144-0732	144-0756	144-0781
50 - 120mm																	144-0733	144-0757	144-0782
50 - 150mm																	144-0734	144-0758	144-0783
50 - 175mm																	144-0735	144-0759	144-0784
50 - 200mm																	144-0736	144-0760	144-0785
50 - 225mm																	144-0737	144-0761	144-0786
50 - 250mm																	144-0738	144-0762	144-0787
50 - 275mm																	144-0739	144-0763	144-0788
50 - 300mm																	144-0740	144-0764	144-0789
50 - 330mm																	144-0741	144-0765	144-0790
50 - 355mm																	144-0742	144-0766	144-0791

	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	11mm	11mm	7mm
	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	Mild Steel	A2	A2
50 - 380mm																	144-0743	144-0767	144-0792
50 - 405mm																	144-0744	144-0768	144-0793
50 - 455mm																	144-0745	144-0769	
50 - 505mm																	144-0747	144-0770	
50 - 555mm																	144-0748	144-0771	
50 - 605mm																	144-0749	144-0772	
50 - 710mm																	144-0750	144-0773	
50 - 810mm																	144-0751	144-0775	
50 - 910mm																	144-0752	144-0776	
50 - 965mm																	144-0753	144-0777	
51 - 55mm										701-3886 (20mm)	701-3858 (20mm)								
52 - 55mm				121-9800	121-9817	124-5722													
55 - 59mm											701-3867 (20mm)								
56 - 59mm				121-9801	124-5690	124-5723													
59 - 63mm										526-5549 (20mm)	265-0225 (20mm)								
60 - 63mm				121-9823	121-9811	124-5724													
63 - 68mm											701-3860 (25mm)								
64 - 67mm							121-9802	124-5691	124-5725										
68 - 73mm							121-9803	121-9818	124-5726	701-3895 (25mm)	701-3864 (25mm)								
73 - 79mm											701-3873 (25mm)								
74 - 79mm							121-9804	124-5693	124-5727										
80 - 85mm							124-5679	124-5694	124-5728										
85 - 91mm										526-5555 (25mm)	265-0231 (25mm)								
86 - 91mm							121-9824	121-9812	124-5729										
92 - 97mm							124-5680	124-5695	124-5730										
98 - 103mm							124-5681	124-5696	124-5731										

	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	11mm	11mm	7mm
	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	Mild Steel	A2	A2
104 - 112mm										701-3898 (25mm)	701-3876 (25mm)								
112 - 121mm										526-5561 (25mm)	265-0247 (25mm)								
113 - 121mm																			
122 - 130mm																			
131 - 139mm																			
140 - 148mm																			
149 - 161mm																			
162 - 174mm										526-5577 (28mm)	265-0253 (28mm)								

	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

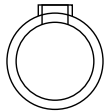
	Flexiband Buckle		Flexiband Tool	Multiband	
	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	Zinc Plated Mild Steel	Zinc Plated Mild Steel
					
	176-0788	176-0786	176-0785	124-5701	187-0399
Brand	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee
Manufacturer Part No.	FB16H	FB19H	FBT	MB1701	MB1702
Band 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			

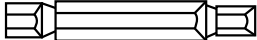
	Multiband					Multiband Connectors
	A2 Stainless Steel	A2 Stainless Steel	A2 Stainless Steel	A4 Stainless Steel	A4 Stainless Steel	Zinc Plated Mild Steel
						
	187-0412	124-5705	124-5706	144-0726	144-0727	867-5637
Brand	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee	Jubilee
Manufacturer Part No.	MB1802	MB1601	MB1602	MB1901	MB1902	MB1704
Band width (mm)	11	7	7	11	11	
Length (m)	30	25	50	10	30	
Number of Pieces	1 Roll	1 Roll	1 Roll	1 Roll	1 Roll	Box of 25
Fixing						Solid housings/screws, 7mm A/F hexagonal screw

	Multiband Connectors					
	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	Box of 25	Box of 25	Box of 25	Box of 25	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	A2 Stainless Steel
			
	727-5942	727-5945	280-0082
Brand	JCS	JCS	JCS
Manufacturer Part No.	MTC150P	MTC300P	MTK1BG
Band width (mm)	16	16	
Length (m)	0.15	0.3	
Number of Pieces	5	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



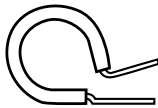
Worm Drive						
	Zinc Plated Mild Steel	A4 Stainless Steel	Zinc Plated Mild Steel	A2 Stainless Steel	Zinc Plated Mild Steel	Zinc Plated Mild Steel
	175-7152	175-7149	365-2266	466-4939	144-0631	908-9103
Brand	RS PRO	RS PRO	JCS HI-GRIP	JCS HI-GRIP	Jubilee	Jubilee
Manufacturer Part No.			HGZAB1	HGSAB2	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						
	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	



	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

	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 ↔ 7 mm	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

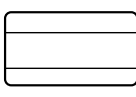
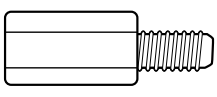
	JCS TPE Rubber Liner	
		
Fixing Hole dia. x Closed inside dia	12.6mm Band Width A2	12.6mm Band Width Zinc Plated Mild Steel
6.6mm x 5mm	298-8053	298-7971
6.6mm x 6mm	298-8069	298-7987
6.6mm x 8mm	298-8075	298-7993
6.6mm x 10mm	298-8081	298-8003
6.6mm x 13mm	298-8097	298-8019
6.6mm x 16mm	298-8104	298-8025
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	
		
Fixing Hole dia. x Closed inside dia	12.7mm Band Width 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		
M4/5 x 28mm	144-0664	
M4/5 x 29mm	144-0665	
M4/5 x 30mm	144-0666	
M4/5 x 32mm	144-0667	
M4/5 x 35mm	144-0668	
M4/5 x 40mm	144-0669	
M4/5 x 44mm	144-0670	
M4/5 x 48mm	144-0671	
M4/5 x 52mm	144-0672	

	Jubilee A2 Stainless Steel P Clip with EPDM Rubber Liner	
		
Fixing Hole dia. x Closed inside dia	12.7mm Band Width A2	
M6 x 5mm	144-0673	
M6 x 6mm	144-0674	
M6 x 8mm	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	

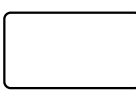
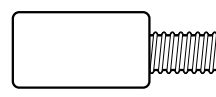
	Zinc Plated Mild Steel	A2 Stainless Steel	Zinc Plated Mild Steel	A2 Stainless Steel
				
	365-2294	700-4368	144-0635	144-0643
Brand	JCS	JCS	Jubilee	Jubilee
Manufacturer Part No.	PCZRAB1	PCSRAB1	JPCK110MS	JPCK110SS
Inside Diameter Range	5mm - 35mm	5mm - 35mm	5mm - 35mm	5mm - 35mm
Liner	TPE Rubber	TPE Rubber	EPDM Rubber	EPDM Rubber
Number of Pieces	104	104	110	110
Number of Sizes	11	11	11	11

THREADED STANDOFFS

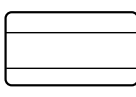
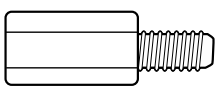
	Hex Body Shape, Nylon						
	 						
	Female/Female			Male/Female			
Brand	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)
	382-961	Female/Female	M3 x M3	6		5.5	6
	325-722	Female/Female	M3 x M3	8		5.5	8
	325-643	Female/Female	M3 x M3	10		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



	Round Body Shape, Nylon						
	 						
	Female/Female			Male/Female			
Brand	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Outside Diameter (mm)	Hole Depth (mm)
	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



	Hex Body Shape, Nickel Plated Brass						
	 						
	Female/Female			Male/Female			
Brand	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)
	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

THREADED STANDOFFS

Brand	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)
	806-6720	Male/Female	M4 x M4	20	8	7	15
	806-6724	Male/Female	M4 x M4	25	8	7	15
	806-6733	Male/Female	M4 x M4	30	8	7	15
	806-6736	Male/Female	M4 x M4	35	8	7	15
	806-6730	Male/Female	M4 x M4	40	8	7	15
	806-6749	Male/Female	M4 x M4	45	8	7	15
	806-6742	Male/Female	M4 x M4	50	8	7	15
	806-6632	Male/Female	M5 x M5	10	8	8	8.5
	806-6635	Male/Female	M5 x M5	15	8	8	13
	806-6639	Male/Female	M5 x M5	20	8	8	15
	806-6648	Male/Female	M5 x M5	25	8	8	15
	806-6641	Male/Female	M5 x M5	30	8	8	15
	806-6645	Male/Female	M5 x M5	35	8	8	15
	806-6654	Male/Female	M5 x M5	40	8	8	15
	806-6657	Male/Female	M5 x M5	45	8	8	15
	806-6651	Male/Female	M5 x M5	50	8	8	15
	806-6660	Male/Female	M5 x M5	60	8	8	15
	105-7940	Female/Female	M3 x M3	5		5	
	105-7962	Female/Female	M3 x M3	8		5	
	105-7978	Female/Female	M3 x M3	10		5	
	105-7984	Female/Female	M3 x M3	12		5	
	105-7990	Female/Female	M3 x M3	15		5	
	105-8000	Female/Female	M3 x M3	18		5	
	105-8016	Female/Female	M3 x M3	20		5	
	105-8038	Female/Female	M3 x M3	25		5	
	105-8044	Female/Female	M3 x M3	30		5	
	105-8050	Female/Female	M4 x M4	10		7	
	105-8066	Female/Female	M4 x M4	12		7	
	105-8072	Female/Female	M4 x M4	15		7	
	105-8088	Female/Female	M4 x M4	18		7	
	105-8094	Female/Female	M4 x M4	20		7	
	105-8101	Female/Female	M4 x M4	25		7	
	105-8167	Male/Female	M3 x M3	5	8	5	3
	105-8173	Male/Female	M3 x M3	8	8	5	4
	105-8195	Male/Female	M3 x M3	10	8	5	6
	105-8202	Male/Female	M3 x M3	12	8	5	8
	105-8218	Male/Female	M3 x M3	15	8	5	8
	105-8224	Male/Female	M3 x M3	18	8	5	8
	105-8230	Male/Female	M3 x M3	20	8	5	8
	105-8252	Male/Female	M3 x M3	25	10	5	10
	105-8268	Male/Female	M3 x M3	30	10	5	10
	105-8319	Male/Female	M4 x M4	18	8	7	8

Threaded Standoffs

	Hex Body Shape, Nickel Plated Steel						
	Female/Female			Male/Female			
Brand	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)
	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



	Hex Body Shape, Zinc Plated Steel						
	Female/Female			Male/Female			
Brand	RS Stock No.	Gender Type	Thread Size	Body Length (mm)	Stud Length (mm)	Hex Size Across Flat (mm)	Hole Depth (mm)
	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

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.

