



HOSE CLIP

Selection Guide

www.jubileeclips.co.uk
www.uk.rs-online.com/web/b/jubilee

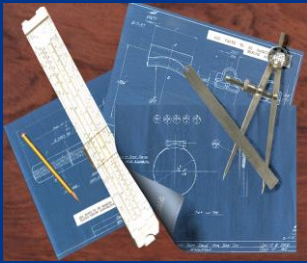
**The finest hose clip
in the world**





CHOOSING YOUR HOSE CLIP

Background



Jubilee® Clips were manufactured as the first worm drive hose clamp in 1921, the company held the first patent for worm drive hose clips and has been manufacturing hose clips in Great Britain ever since. The name Jubilee® Clip, remains a registered trademark throughout the world.

Jubilee® Clips offer a wide range of clamping solutions which are available at RS Components (shown opposite).

Types of Hose Clip

Original Range (Worm Drive Clips)

The Original Jubilee® Clip, the product that started it all! For the vast majority of applications this sturdy worm drive hose clip is more than suitable. Available as a mild steel zinc protected or stainless steel clamp in both 304 (18/8) and 316 (18/10) grades of stainless steel; this product also has a band that is continuously threaded enabling extra flexibility when adjusting the clip to the correct size. The smooth inside profile of the band and rolled edges give protection for all types of hoses including soft hoses made from rubber or silicone.

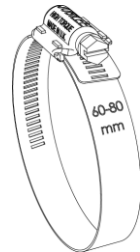


All our original Jubilee® Clips are independently tested by the British Standards Institute (BSi) and carry the British Standard Kitemark™, which is universally regarded as the most stringent standard there is for a hose clip. Both grades of stainless steel clips are also accredited by Lloyd's Register for marine use.

Industry Recommendations =     Stainless Steel 304 & 316 also:   

Jubilee High Torque (Heavy Duty Clip)

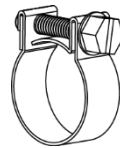
This stainless steel clip has twice the tightening torque the original British Standard worm drive hose clips which creates more than twice the band tension for stubborn leakage or vibration applications. They have a two part housing and cut through band, keeping the band straight at the point of engagement and fully engaging all of the screw thread; giving a superior tightening torque.



Industry Recommendations =       

Jubilee® Juniors (Mini Clips)

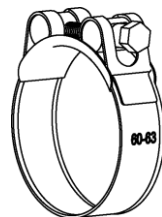
These mini clips, also known as nut & bolt clips, are ideal for small bore hoses with relatively low pressures, where little clamping force is required. Used in low pressure applications such as a fuel line. Adjusted by a single bolt.



Industry Recommendations =   Stainless Steel 304 also: 

Jubilee® Superclamps (Heavy Duty Clips)

A Heavy duty clamp, offering the highest tightening torques with 8.8 high tensile bolts allowing an impressive maximum recommended torque of 25Nm. Naturally with the smaller clamps using a smaller bolt the torques are lower, but even so, the torques are impressive by comparison to alternative clip types for the same size range. Suitable for a wide range of applications, including marine and offshore oil and gas installations.

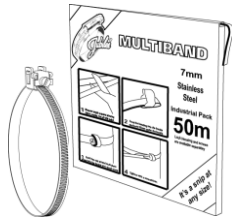


Industry Recommendations =     Stainless Steel 304 & 316 also:   



CHOOSING YOUR HOSE CLIP

Types of Hose Clip












Jubilee® Multiband (Self Assembly Clips)

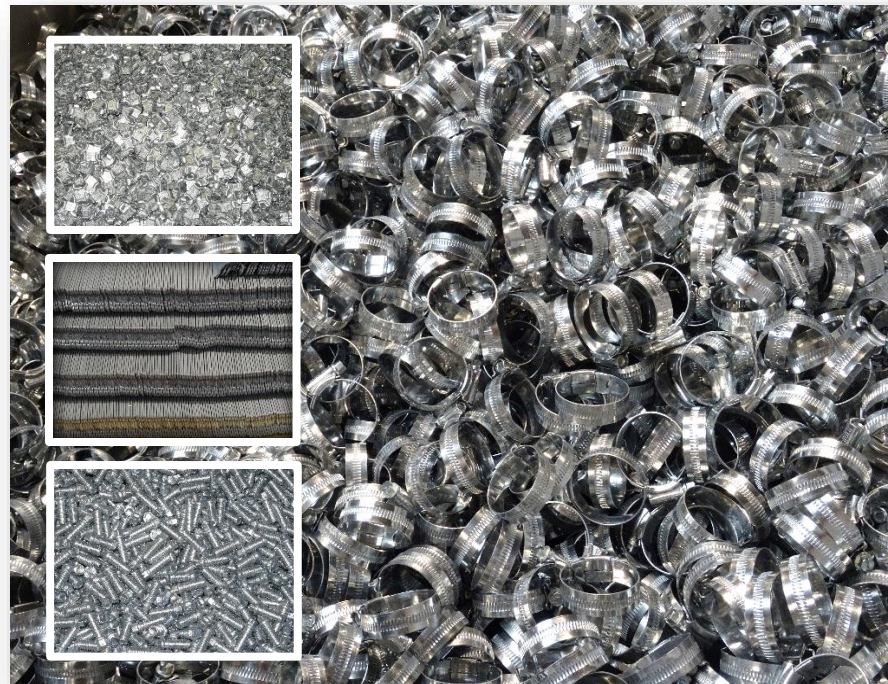
A self-assembly, endless banding, or screw band system, which allows the user to cut the band to the desired length.

Used in areas such as heating, ventilation and air conditioning (HVAC), sign fixing, conduit and cable retention and lagging, this product is very versatile. A number of screw and housing designs are available to suit any application.

Industry Recommendations =      Stainless Steel 304 also   

Industry Symbols:

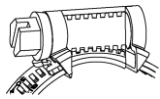
-  Agricultural
-  Automotive
-  Food
-  Hardware/DIY
-  Industrial
-  Marine
-  Oil/Gas
-  Ventilation
-  Electrical





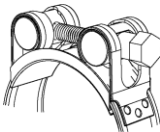
CHOOSING YOUR HOSE CLIP

Fastening Types



Worm Drive e.g. Jubilee Original Range

The screw in a worm drive hose clip adjusts the diameter of the clip to suit the size of hose it secures and is directly engaged with the band.



Nut & Bolt e.g. Jubilee Juniors & Jubilee Superclamps

Here the bolt used to adjust the diameter of the clip is not engaged in the band, instead it is connected to a nut or trunnion.



Pinch

No screws or bolts are used for this type of clip; the adjustment is performed by permanently deforming (crimping) 'ears' on the clip using a special tool.

Industry Standards



BS5315-1991
KM06246

BS5315:1991

The British Standard for the manufacture of hose clamps (worm drive type) for general purpose use (metric series). It is the only standard that uses a pressure test and is universally regarded as the most stringent Standard for a hose clip in the world. To carry the Kitemark™ the clips must also pass independent testing.



Lloyd's Type Approved

A Type Approval from Lloyd's Register (LR), a marine classification society, demonstrates that the product conforms to recognised industry quality standards, International Conventions and/or the LR Rules, through a process of independent design review, sample testing and verification of production controls. Essential for products used in marine applications.



DIN 3017

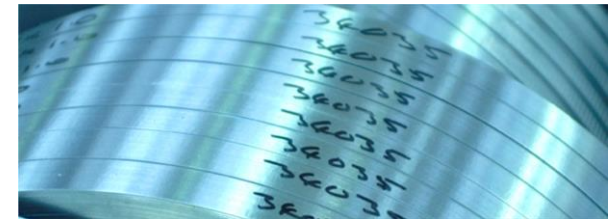
DIN 3017-1 is a dimensional norm for hose clips type: worm drive by the Deutsches Institut für Normung e.V. (German Institute for Standardization).



SAE

SAE Standard J1508 is an American standard and covers 32 types of hose clips (clamps) most commonly and suitably being used on coolant, fuel, oil, vacuum, and emission systems, describing the basic characteristics and minimum performance requirements recommended.

Hose Clip Materials



W1 (Mild Steel Zinc Protected/Zinc Plated)

All parts of the clip are mild steel zinc protected/plated which is the most common material for hose clips. Mild steel (also known as carbon steel) has a low to moderate natural resistance to corrosion which is overcome by coating with zinc. Corrosion resistance even with zinc coating is lower than 304 & 316 grades of stainless steel.

W4 (304 Grade Stainless Steel / A2 / 18/8)

All component parts of the hose clip are 304 grade. The clips have a higher corrosion resistance, making them suitable for outdoor applications as well as having good general corrosion resistance to slightly acidic as well as caustic media. 304 grade stainless steel is also known as 18/8 stainless due to its chemical composition which includes approximately 18% chromium and 8% nickel by weight. This material is magnetic.

W5 (316 Grade Stainless Steel / A4)

All parts of the hose clips are 316 "marine grade" stainless steel, offering an even higher corrosion resistance than 304 grade in most acidic conditions, especially at higher temperatures and or with chlorides present. Suitable for marine, offshore and food industries.

316 grade stainless steel is known as 18/10 stainless or High Nickel Stainless Steel (HNSS) due to the increased percentage of 10% nickel in the alloy's chemical composition. Non-magnetic.

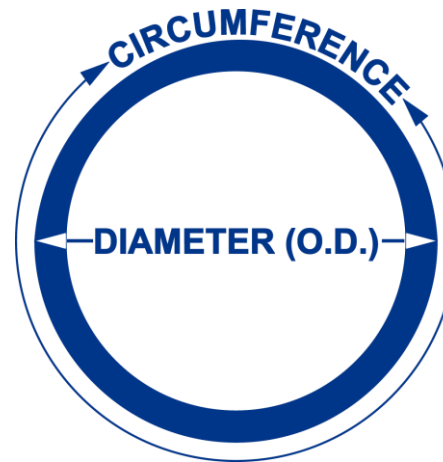


How to select the correct size hose clip for your application?

1. Obtain the outside diameter (O.D.) of your hose ensuring that the hose is assembled on the pipe or tube fitting for accurate measurement.
 - a. Measure the outside diameter (O.D.) of the hose & fitting using a caliper.

OR

 - b. Measure the circumference of the hose and then calculate the diameter using the formula below:



$$\text{Outside Diameter (O.D.)} = \text{Circumference (C)} \div 3.1416 (\text{Pi})$$

2. Select hose clip size remembering that hose clip sizes always refer to the diameter.
3. Aim to select a clip with the hose diameter matching the middle of the clip's adjustment range



JUBILEE ORIGINAL RANGE - WORM DRIVE CLIPS

British Standard (BS) No.	Adjustment		Material						Fastening Type	Screw	Band Width	Band Thickness	Recommended Torque	Max. Torque	Max. Pressure
			BZP / MS / W1		304 / A2 / W4		316 / A4 / W5								
	mm	inches	Jubilee Part No.	RS Part No.	Jubilee Part No.	RS Part No.	Jubilee Part No.	RS Part No.							
12	9.5- 12	3/8 - 1/2	000MS	9088961	000SS	9089100	000SS316	1245638	Worm Drive	Slotted Hex Head 7mm A/F	9.9	0.762	3.4	4.5	203
16	11- 16	1/2 - 5/8	M00MS	9088970	M00SS	9089119	M00SS316	1245639	Worm Drive	Slotted Hex Head 7mm A/F	9.9	0.762	3.4	4.5	203
20	13- 20	1/2 - 3/4	O0MS	9088973	O0SS	9089112	O0SS316	1245640	Worm Drive	Slotted Hex Head 7mm A/F	9.9	0.762	3.4	4.5	203
22	16- 22	5/8 - 7/8	O0MS	9088977	O0SS	9089116	O0SS316	1245641	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	4.2	5.6	203
25	18- 25	3/4 - 1	O0MS	9088986	O0SS	9089125	O0SS316	1245643	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	4.2	5.6	203
30	22- 30	7/8 - 1 1/8	1AMS	9088989	1ASS	9089128	1ASS316	1245644	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.1	6.8	203
35	25- 35	1 - 1 1/8	1MS	9088983	1SS	9089122	1SS316	1245645	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.1	6.8	102
40	30- 40	1 1/8 - 1 1/2	1XMS	9088992	1XSS	9089131	1XSS316	1245646	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.1	6.8	102
45	32- 45	1 1/4 - 1 3/4	1MMS	9088995	1MSS	9089134	1MSS316	1245647	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.1	6.8	102
50	35- 50	1 3/8 - 2	2AMS	9088999	2ASS	9089138	2ASS316	1245648	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	102
55	40- 55	1 1/2 - 2 1/8	2MS	9089002	2SS	9089147	2SS316	1245649	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	102
60	45- 60	1 3/4 - 2 3/8	2XMS	9089005	2XSS	9089140	2XSS316	1245650	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	102
70	55- 70	2 1/8 - 2 3/4	3MS	9089009	3SS	9089144	3SS316	1245651	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	6.7	9	102

- For larger sizes see next page
- All products listed above are Kitemarked™ to BS5315:1991 and the stainless steel 304 & 316 grade products are Lloyd's Type Approved.

Jubilee Workshop Pack Mild Steel 143 Jubilee clips Manuf. Code: HCP143MS RS Code: 9089071	Jubilee Workshop Pack 304 Stainless Steel* 143 Jubilee clips Manuf. code.: HCP143SS RS Code: 9089080	Jubilee Handy Pack Mild Steel 100 Jubilee clips Manuf. Code: HP100MS RS Code: 9089103	Jubilee Handy Pack 304 Stainless Steel* 100 Jubilee clips Manuf. Code: HP100SS RS Code: 9089106	Jubilee Pocket Pack Mild Steel 32 Jubilee clips Manuf. Code: PPMS RS Code: 9089087	Jubilee Pocket Pack 304 Stainless Steel* 32 Jubilee clips Manuf. Code: PPS RS Code: 9089096



JUBILEE ORIGINAL RANGE - WORM DRIVE CLIPS

British Standard (BS) No.	Adjustment		Material						Fastening Type	Screw	Band Width	Band Thickness	Recommended Torque	Maximum Torque	Maximum Pressure
			BZP / MS / W1		304 / A2 / W4		316 / A4 / W5								
	mm	inches	Jubilee Part No.	RS Part No.	Jubilee Part No.	RS Part No.	Jubilee Part No.	RS Part No.							
80	60- 80	1 $\frac{3}{8}$ - 3 $\frac{1}{8}$	3XMS	9089018	3XSS	9089153	3XSS316	1245652	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	6.7	9	44
90	70- 90	2 $\frac{3}{4}$ - 3 $\frac{1}{2}$	4MS	9089011	4SS	9089156	4SS316	1245653	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	6.7	9	44
100	85-100	3 $\frac{1}{4}$ - 4	4XMS	9089015	4XSS	9089150	4XSS316	1245654	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	6.7	9	44
120	90-120	3 $\frac{1}{2}$ - 4 $\frac{3}{4}$	5MS	9089024	5SS	9089169	5SS316	1245655	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	6.7	9	44
140	110-140	4 $\frac{1}{8}$ - 5 $\frac{1}{2}$	6MS	9089027	6SS	9089162	6SS316	1245656	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	6.7	9	44
150	120-150	4 $\frac{1}{4}$ - 5 $\frac{1}{8}$	6XMS	9089021	6XSS	9089166	6XSS316	1245657	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18
165	135-165	5 $\frac{1}{4}$ - 6 $\frac{1}{2}$	7MS	9089030	7SS	9089175	7SS316	1245659	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18
190	158-190	6 $\frac{1}{4}$ - 7 $\frac{1}{2}$	7.5MS	9089033	7.5SS	9089178	7.5SS316	1245660	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18
216	184-216	7 $\frac{1}{4}$ - 8 $\frac{1}{2}$	8.5MS	9089037	8.5SS	9089172	8.5SS316	1245661	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18
242	210-242	8 $\frac{1}{4}$ - 9 $\frac{1}{2}$	9.5MS	1245666	9.5SS	1245671	9.5SS316	1245662	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18
267	235-267	9 $\frac{1}{4}$ - 10 $\frac{1}{2}$	10.5MS	1245667	10.5SS	1245672	10.5SS316	1245663	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18
292	260-292	10 $\frac{1}{4}$ - 11 $\frac{1}{2}$	11.5MS	1245668	11.5SS	1245673	11.5SS316	1245664	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18
318	286-318	11 $\frac{1}{4}$ - 12 $\frac{1}{2}$	12.5MS	1245669	12.5SS	1245674	12.5SS316	1245665	Worm Drive	Slotted Hex Head 7mm A/F	13	0.914	5.9	7.9	18

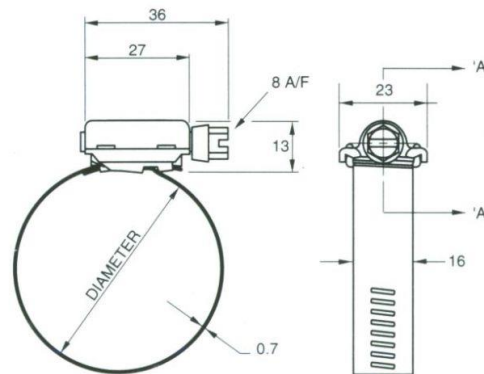
- For smaller sizes see previous page
- All products listed above are Kitemarked TM to BS5315:1991 and the stainless steel 304 & 316 grade products are Lloyd's Type Approved.

Jubilee Workshop Pack Mild Steel 143 Jubilee clips Manuf. Code: HCP143MS RS Code: 9089071	Jubilee Workshop Pack 304 Stainless Steel* 143 Jubilee clips Manuf. code.: HCP143SS RS Code: 9089080	Jubilee Handy Pack Mild Steel 100 Jubilee clips Manuf. Code: HP100MS RS Code: 9089103	Jubilee Handy Pack 304 Stainless Steel* 100 Jubilee clips Manuf. Code: HP100SS RS Code: 9089106	Jubilee Pocket Pack Mild Steel 32 Jubilee clips Manuf. Code: PPMS RS Code: 9089087	Jubilee Pocket Pack 304 Stainless Steel* 32 Jubilee clips Manuf. Code: PPSS RS Code: 9089096



JUBILEE HIGH TORQUE – WORM DRIVE CLIPS

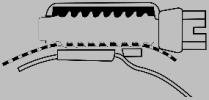

Adjustment mm	304 / A2 / W4		Fastening Type 	Screw mm	Band Width mm	Band Thickness mm	Recommended Torque Nm	Maximum Torque Nm	Maximum Pressure Psi
	Jubilee Part No	RS Part No.							
20-35	HT035	1245739	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	304.5
25-40	HT040	1245740	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	304.5
25-45	HT045	1245741	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	304.5
30-50	HT050	1245742	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	304.5
45-65	HT065	1245744	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	153
40-70	HT070	1245745	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	153.0
60-80	HT080	1245746	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	153.0
70-95	HT095	1245747	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	153.0
80-100	HT100	1245748	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	66.0
90-120	HT120	1245749	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	66.0
110-140	HT140	1245750	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	66.0
130-160	HT160	1245751	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	66.0



All dimensions in mm

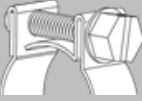


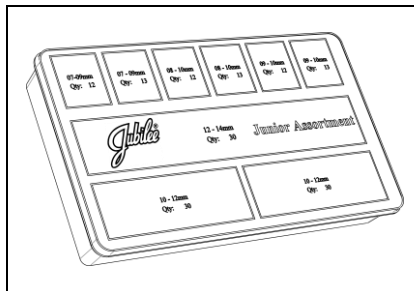
JUBILEE HIGH TORQUE – WORM DRIVE CLIPS

Adjustment mm	304 / A2 / W4		Fastening Type 	Screw mm	Band Width mm	Band Thickness mm	Recommended Torque Nm	Maximum Torque Nm	Maximum Pressure Psi
	Jubilee Part No	RS Part No.							
									
150-180	HT180	1245752	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
170-200	HT200	1245753	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
190-220	HT220	1245754	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
210-240	HT240	1245755	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
230-260	HT260	1245756	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
250-280	HT280	1245757	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
270-300	HT300	1245758	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
290-320	HT320	1245759	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	30.0
310-340	HT340	1245760	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
330-360	HT360	1245761	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
350-380	HT380	1245762	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
370-400	HT400	1245763	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
390-420	HT420	1245764	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
410-440	HT440	1245766	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
430-460	HT460	1245767	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
450-480	HT480	1245768	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
470-500	HT500	1245769	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a
490-520	HT520	1245770	Worm Drive	Slotted Hex Head 8mm A/F	16	0.7	11.9	17	n/a

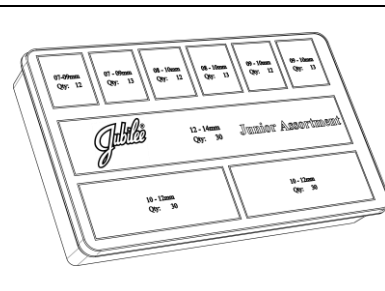


JUBILEE JUNIORS – MINI CLIPS

Adjustment mm	Material				Fastening Type 	Screw mm	Band Width mm	Band Thickness mm	Recommended Torque Nm	Maximum Torque Nm	Maximum Pressure Psi
	BZP / MS / W1		304 / A2 / W4								
	Jubilee Part No	RS Part No.	Jubilee Part No	RS Part No.							
07-09	NB0709MS	9089046	NB0709SS	9089181	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	75
08-10	NB0810MS	9089049	NB0810SS	9089184	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	75
09-11	NB0911MS	9089043	NB0911SS	9089188	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	75
10-12	NB1012MS	9089052	NB1012SS	9089197	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50
11-13	NB1113MS	9089055	NB1113SS	9089190	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50
12-14	NB1214MS	9089059	NB1214SS	9089194	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50
13-15	NB1315MS	9089068	NB1315SS	9089204	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50
14-16	NB1416MS	9089061	NB1416SS	9089207	Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50
15-17	NB1517MS	9089065			Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50
16-18	NB1618MS	9089074			Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50
18-20	NB1820MS	9089077			Nut & Bolt	Slotted Hex Head 7mm A/F	9.1	0.6	1.5	2	50



Jubilee Junior Assortment Pack
Mild Steel
165 Jubilee Junior clips
Manuf. Code: JA165MS
RS Code: 9089083



Jubilee Junior Assortment Pack
304 Stainless Steel
165 Jubilee Junior clips
Manuf. Code: JA165SS
RS Code:



Jubilee Junior Pocket Pack
Mild Steel
54 Jubilee Junior clips
Manuf. Code: PPJMS
RS Code: 9089099

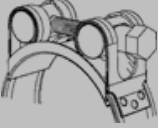


Jubilee Junior Pocket Pack
304 Stainless Steel
54 Jubilee Junior clips
Manuf. Code: PPJSS
RS Code: 9089093



DIN
3017

JUBILEE SUPERCLAMPS – HEAVY DUTY CLIPS

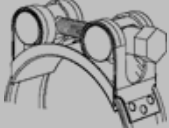


Adjustment mm	Material				Fastening Type 	Bolt Head Size mm	Band Width mm	Band Thickness mm	Recommended Torque Nm	Max. Torque Nm
	BZP / M/S / W1		304 / A2 / W4							
	Jubilee Part No	RS Part No.	Jubilee Part No	RS Part No.						
17-19	JSC019MS	1245675	JSC019SS	1245686	Bolt	8	18	0.6	4.5	6
20-22	JSC022MS	1245676	JSC022SS	1245687	Bolt	8	18	0.6	4.5	6
23-25	JSC025MS	1245677	JSC025SS	1245688	Bolt	8	18	0.6	4.5	6
26-28	JSC028MS	1219820	JSC028SS	1219806	Bolt	8	18	0.6	4.5	6
29-31	JSC031MS	1245678	JSC031SS	1245689	Bolt	8	18	0.6	4.5	6
32-35	JSC035MS	1219821	JSC035SS	1219807	Bolt	10	20	1	6	8
36-39	JSC039MS	1219796	JSC039SS	1219808	Bolt	10	20	1	6	8
40-43	JSC043MS	1219798	JSC043SS	1219815	Bolt	10	20	1	6	8
44-47	JSC047MS	1219822	JSC047SS	1219810	Bolt	10	20	1	6	8
48-51	JSC051MS	1219799	JSC051SS	1219816	Bolt	10	20	1	6	8
52-55	JSC055MS	1219800	JSC055SS	1219817	Bolt	10	20	1	6	8
56-59	JSC059MS	1219801	JSC059SS	1245690	Bolt	10	20	1	6	8
60-63	JSC063MS	1219823	JSC063SS	1219811	Bolt	10	20	1	6	8
64-67	JSC067MS	1219802	JSC067SS	1245691	Bolt	13	25	1.5	18.5	25
68-73	JSC073MS	1219803	JSC073SS	1219818	Bolt	13	25	1.5	18.5	25
74-79	JSC079MS	1219804	JSC079SS	1245693	Bolt	13	25	1.5	18.5	25
80-85	JSC085MS	1245679	JSC085SS	1245694	Bolt	13	25	1.5	18.5	25
86-91	JSC091MS	1219824	JSC091SS	1219812	Bolt	13	25	1.5	18.5	25
92-97	JSC097MS	1245680	JSC097SS	1245695	Bolt	13	25	1.5	18.5	25
98-103	JSC103MS	1245681	JSC103SS	1245696	Bolt	13	25	1.5	18.5	25

- Products meet **DIN** 3017 standard requirements.



DIN
3017

JUBILEE SUPERCLAMPS – HEAVY DUTY CLIPS

Adjustment mm	Material				Fastening Type 	Bolt Head Size mm	Band Width mm	Band Thickness mm	Recommended Torque Nm	Max. Torque Nm
	BZP / M/S / W1		304 / A2 / W4							
	Jubilee Part No	RS Part No.	Jubilee Part No	RS Part No.						
										
104-112	JSC112MS	1219805	JSC112SS	1219819	Bolt	13	25	1.5	18.5	25
113-121	JSC121MS	1219825	JSC121SS	1219813	Bolt	13	25	1.5	18.5	25
122-130	JSC130MS	1245682	JSC130SS	1245697	Bolt	13	25	1.5	18.5	25
131-139	JSC139MS	1245683	JSC139SS	1245698	Bolt	13	25	1.5	18.5	25
140-148	JSC148MS	1245684	JSC148SS	1245699	Bolt	13	25	1.8	18.5	25
149-161	JSC161MS	1245685	JSC161SS	1245700	Bolt	13	25	1.8	18.5	25
162-174	JSC174MS	1219826	JSC174SS	1219814	Bolt	13	25	1.8	18.5	25

- Products meet **DIN**
3017 standard requirements.



JUBILEE MULTIBAND – SELF ASSEMBLY CLIPS

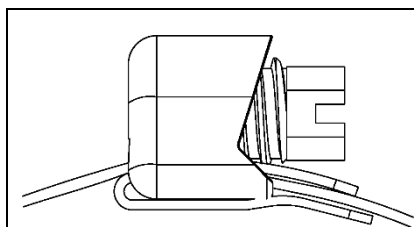
BANDING

Product	Pack Size	Material				Fastening Type	Band Width mm	Band Thickness mm	Recommended Torque* Nm	Maximum Torque* Nm
		BZP / MS / W1		304 / A2 / W4						
		Jubilee Part No	RS Part No.	Jubilee Part No	RS Part No.					
Banding	10m Roll	MB1701	1245701	MB1801	1245703	Worm drive (see below for Housing/Screw components)	11	Mild Steel = 0.82 / Stainless = 0.80	3.4	4.5
Banding	25m Roll			MB1601	1245705	Worm drive (see below for Housing/Screw components)	7	0.56	3.0	4.0
Banding	30m Roll	MB1702	1870399	MB1802	1870412	Worm drive (see below for Housing/Screw components)	11	Mild Steel = 0.82 / Stainless = 0.80	3.4	4.5
Banding	50m Roll			MB1602	1245706	Worm drive (see below for Housing/Screw components)	7	0.56	3.0	4.0

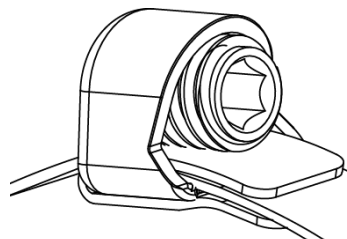
*Figures relate to completed clip with Housing/Screw

HOUSING/SCREWS

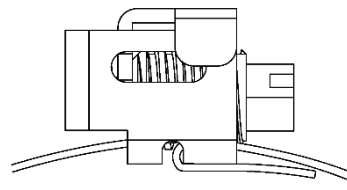
Product	Pack Size	Material				Fastening Type	Screw / Housing Type	For use with Multiband Banding width mm
		BZP / MS / W1		304 / A2 / W4				
		Jubilee Part No	RS Part No.	Jubilee Part No	RS Part No.			
Housings/Screws	25	MB1704	8675637	MB1803	8675649	Worm Drive	7mm A/F hex Head Solid Slotted Screw & Housing	11
Housings/Screws	25	MB1705	8675646	MB1804	8675643	Worm Drive	3/16" Allen Screw	11
Housings/Screws	25	MB1706	1245702	MB1805	1245704	Worm Drive	7mm A/F hex Head Captive Housing & Screw	11
Housings/Screws	25			MB1603	1245707	Worm Drive	7mm A/F round Head Flip/Lock Housing	7



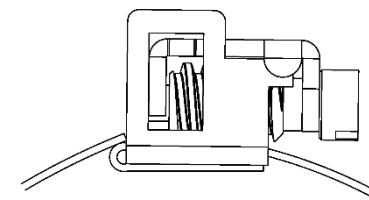
Housing & Screw



Housing & Allen Socket Screw



Captive housing & Screw



Flip Lock (7mm Only)



JUBILEE MULTIBAND – SELF ASSEMBLY CLIPS

PACKS

Pack	Material				Pack Contents	Pack Dimensions mm	Band Width mm	Band Thickness mm	Recommended Torque* Nm	Maximum Torque* Nm
	BZP / M/S / W1		304 / A2 / W4							
	Jubilee Part No	RS Part No.	Jubilee Part No	RS Part No.						
Multiband Handy Pack	MB1708	171938	MB1806	171944	10m Banding 25 solid Hsg/Scr	100 x 100 x 40	11	Mild Steel = 0.82 / Stainless = 0.80	3.4	4.5
Multiband Pocket Pack	MB1707	1245708	MB1807	1245709	3m Banding 8 solid Hsg/Scr	100 x 100 x 40	11	Mild Steel = 0.82 / Stainless = 0.80	3.4	4.5
Multiband Pocket Pack			MB1607	1245710	8m Banding 10 Flip/Lock Hsg/Scr	100 x 100 x 40	7	0.56	3.0	4.0

