HI-GRIP ®

BS5315 FM 80524

GENERAL PURPOSE HOSE CLIPS TO BS5315



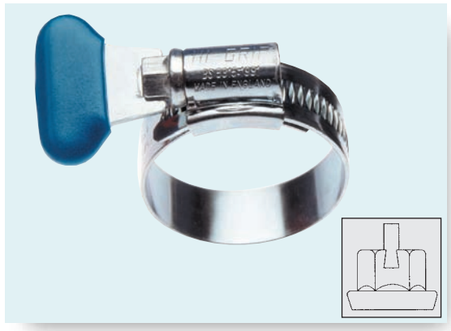
HI-GRIP

HI-GRIP general purpose worm drive hose clips are regarded universally as being the highest quality clip available in the market today. Their tough construction will stand a great deal of abuse. They are manufactured to BS5315 and have BSI Kitemark and N.A.T.O. approvals. The standard version of HI-GRIP is made from heavily zinc plated mild steel and is used for a wide variety of domestic, automotive and industrial applications.



HI-GRIP STAINLESS

HI-GRIP STAINLESS hose clips are made entirely from 18/8 marine quality stainless steel and therefore are ideal for salt water and many other highly corrosive environments. They have Lloyd's Register Type Approval for marine, offshore and industrial use. HI-GRIP STAINLESS hose clips have fast become the industry standard for marine applications throughout the world due to their high quality and performance.



HI-GRIP WING SCREW

ZINC PLATED AND STAINLESS STEEL RANGES

The HI-GRIP WING SCREW hose clip was specifically designed to answer the problem of frequently removed hoses such as found in the garden, home, laboratory and industry. The unique dovetail locking and side lugs of the wing plate guarantee a firm fixture that outlasts those of other designs. A plastic wing plate cover is supplied as standard which enables a greater tightness to be obtained and is kinder to unprotected fingers. The super free-running and high efficiency worm drive gives excellent sealing.



HI-GRIP FLEXIBLE SCREWDRIVER

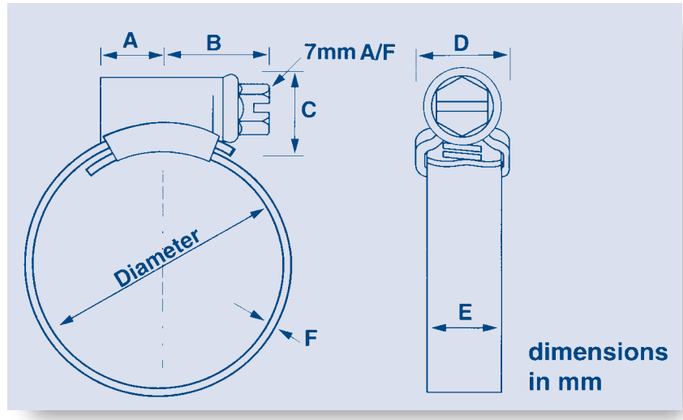
This purpose made screwdriver will not slip off the screwhead whilst turning and together with the flexible shaft, makes fitting easier in awkward places.

HI-GRIP CARTON & CLIP DISPENSERS

HI-GRIP carton and clip dispensers are available for either van, wall or counter location to promote the sales of HI-GRIP hose clips. The wall and van mounted units hold 680 clips in retail packs. The counter unit holds 135 clips and both are available for zinc plated and stainless HI-GRIP.



TECHNICAL SPECIFICATION



size	A mm	B mm	C mm	D mm	E mm	F mm	Recommended Setting Torque NM	lb-in
12-20	7	14	10	12	9	0.7	3.0	26
22-45	8	15	12	15	13	0.9	5.0	45
50+	13	20	12	16	13	0.9	6.0	54

Material Specification

HI-GRIP	All parts - Mild Steel, Bright Zinc Plated and Passivated
HI-GRIP STAINLESS	All parts BS304 - ENI.4301

HI-GRIP® BAND EDGES



HI-GRIP Band Edges **Typical Hose Clip With Turned Up Edges**

All HI-GRIP and HI-GRIP STAINLESS hose clips have fully rounded edges to give the best possible protection to the hose.

HI-GRIP® PACKAGING



RETAIL PACKS

- 10 clips per carton
- 10 cartons per shrink wrapped pack
- Available for HI-GRIP and HI-GRIP STAINLESS sizes 12 to 70

BAG PACKS

- Available for all HI-GRIP types sizes 12 to 160

BULK PACKS

- Available for all HI-GRIP types and sizes

See our current price list for the full packaging specification. All JCS packaging includes a unique code number which gives full batch traceability.

STANDARD RANGE

size	old size no.	diameter mm	diameter ins
12	OOO	9.5 - 12	3/8 - 1/2
16	MOO	11 - 16	1/2 - 5/8
20	OO	13 - 20	1/2 - 3/4
22	O	14 - 22	5/8 - 7/8
25	OX	17 - 25	3/4 - 1
30	1A	22 - 30	7/8 - 1 1/8
35	1	25 - 35	1 - 1 3/8
40	1X	30 - 40	1 1/8 - 1 5/8
45	–	35 - 45	1 3/8 - 1 3/4
50	2A	35 - 50	1 3/8 - 2
55	2	40 - 55	1 5/8 - 2 1/8
60	2X	45 - 60	1 3/4 - 2 3/8
70	3	50 - 70	2 - 2 3/4
80	3X	60 - 80	2 3/8 - 3 1/8
90	4	70 - 90	2 3/4 - 3 1/2
100	4X	80 - 100	3 1/8 - 4
120	5	90 - 120	3 1/2 - 4 3/4
140	6 & 6X	110 - 140	4 3/8 - 5 1/2
160	7	130 - 160	5 1/8 - 6 1/4
180	–	150 - 180	5 7/8 - 7 1/8
200	–	170 - 200	6 5/8 - 7 7/8
220	–	190 - 220	7 1/2 - 8 5/8
240	–	210 - 240	8 1/4 - 9 1/2
260	–	230 - 260	9 - 10 1/4
280	–	250 - 280	9 7/8 - 11
300	–	270 - 300	10 5/8 - 11 3/4
320	–	290 - 320	11 3/8 - 12 1/2
340	–	310 - 340	12 1/4 - 13 3/8
360	–	330 - 360	13 - 14 1/8
380	–	350 - 380	13 3/4 - 15
400*	–	370 - 400	14 1/2 - 15 3/4
420*	–	390 - 420	15 3/8 - 16 1/2
440*	–	410 - 440	16 1/8 - 17 3/8
460*	–	430 - 460	16 7/8 - 18 1/8
480*	–	450 - 480	17 3/4 - 18 7/8
500*	–	470 - 500	18 1/2 - 19 5/8

* The **HI-GRIP Stainless Range** ends at 380mm diameter. We recommend the use of **HI-TORQUE Clamps** for sizes of 400mm and above in Stainless Steel.

HI-GRIP WING SCREW RANGE

size	old size no.	diameter mm	diameter ins
12	OOO	9.5 - 12	3/8 - 1/2
16	MOO	11 - 16	1/2 - 5/8
20	OO	13 - 20	1/2 - 3/4
22	O	14 - 22	5/8 - 7/8
25	OX	17 - 25	3/4 - 1
30	1A	22 - 30	7/8 - 1 1/8
35	1	25 - 35	1 - 1 3/8
40	1X	30 - 40	1 1/8 - 1 5/8
45	–	35 - 45	1 3/8 - 1 3/4
50	2A	35 - 50	1 3/8 - 2
55	2	40 - 55	1 5/8 - 2 1/8
60	2X	45 - 60	1 3/4 - 2 3/8
70	3	50 - 70	2 - 2 3/4
80	3X	60 - 80	2 3/8 - 3 1/8
90	4	70 - 90	2 3/4 - 3 1/2