

iQparts
IQ-PARTS-SHOP.COM



**SPECS &
INFORMATION**

GENERAL PURPOSE HOSE CLIPS



Hi-Grip general purpose worm drive hose clips are widely regarded for their quality, durability and ability to withstand a great deal of abuse. They are manufactured to exceed BS5315, which has the highest requirements of any of the international standards and tests sealing ability, clamping force and torque. Also has BSI Kitemark and NATO approval, and exceeds all operational requirements of the relevant DIN and SAE standards.

ZINC PLATED

Used for a wide variety of domestic, automotive and industrial applications, the standard Hi-Grip hose clip is made from mild steel, electroplated, passivated and tested to EN9227.

304 STAINLESS STEEL (A2)

Hi-Grip stainless steel worm drive hose clips have become the industry standard for demanding applications throughout the world due to their exceptional quality and performance.

Made entirely from 18/8 marine quality stainless steel and with Lloyds Register Approval, they are ideal for salt water and other highly corrosive environments.

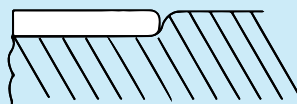
316 STAINLESS STEEL (A4)

Principally aimed at the marine, food, petro-chemical and pharmaceutical industries, the Hi-Grip 316 hose clip is made entirely from BS316 EN 1.4401/1.4578 austenitic stainless steel, providing the the same superior performance as the rest of the Hi-Grip range but with maximum corrosion resistance.

Lloyd's Register Type Approved for marine, offshore and industrial use.

ULTIMATE PROTECTION

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



JCS band edges



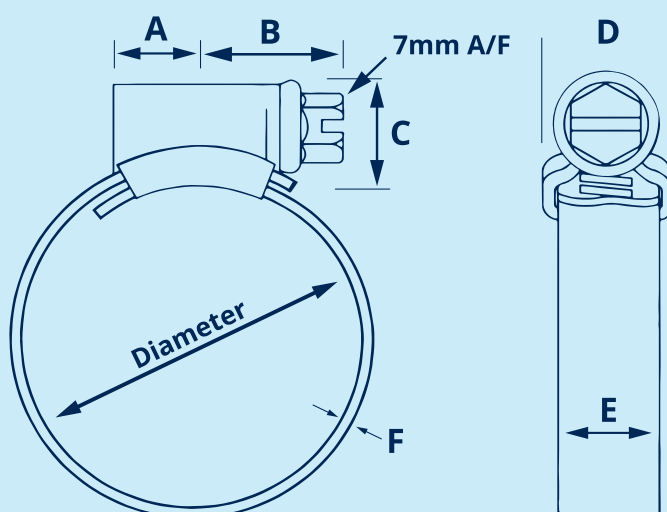
Typical hose clip with turned edges

THE RANGE

Size	No.	Dia mm	Dia ins	Size	No.	Dia mm	Dia ins
12	000	9.5-12	$\frac{3}{8}$ - $\frac{1}{2}$	160	7	130-160	$5\frac{1}{8}$ - $6\frac{1}{4}$
16	M00	11-16	$\frac{1}{2}$ - $\frac{5}{8}$	180	-	150-180	$5\frac{7}{8}$ - $7\frac{1}{8}$
20	00	13-20	$\frac{1}{2}$ - $\frac{3}{4}$	200	-	170-200	$6\frac{5}{8}$ - $7\frac{7}{8}$
22	0	14-22	$\frac{5}{8}$ - $\frac{7}{8}$	220	-	190-220	$7\frac{1}{2}$ - $8\frac{5}{8}$
25	0X	17-25	$\frac{3}{4}$ - 1	240	-	210-240	$8\frac{1}{4}$ - $9\frac{1}{2}$
30	1A	22-30	$\frac{7}{8}$ - $1\frac{1}{8}$	260	-	230-260	9 - $10\frac{1}{4}$
35	1	25-35	1 - $1\frac{3}{8}$	280	-	250-280	$9\frac{7}{8}$ - 11
40	1X	30-40	$1\frac{1}{8}$ - $1\frac{5}{8}$	300	-	270-300	$10\frac{5}{8}$ - $11\frac{3}{4}$
45	-	35-45	$1\frac{3}{8}$ - $1\frac{3}{4}$	320	-	290-320	$11\frac{3}{8}$ - $12\frac{1}{2}$
50	2A	35-50	$1\frac{3}{8}$ - 2	340	-	310-340	$12\frac{1}{4}$ - $13\frac{3}{8}$
55	2	40-55	$1\frac{5}{8}$ - $2\frac{1}{8}$	360	-	330-360	13 - $14\frac{1}{8}$
60	2X	45-60	$1\frac{3}{4}$ - $2\frac{3}{8}$	380	-	350-380	$13\frac{3}{4}$ - 15
70	3	50-70	2 - $2\frac{3}{4}$	400*	-	370-400	$14\frac{1}{2}$ - $15\frac{3}{4}$
80	3X	60-80	$2\frac{3}{8}$ - $3\frac{1}{8}$	420*	-	390-420	$15\frac{3}{8}$ - $16\frac{1}{2}$
90	4	70-90	$2\frac{3}{4}$ - $3\frac{1}{2}$	440*	-	410-440	$16\frac{1}{8}$ - $17\frac{3}{8}$
100	4X	80-100	$3\frac{1}{8}$ - 4	460*	-	430-460	$16\frac{7}{8}$ - $18\frac{1}{8}$
120	5	90-120	$3\frac{1}{2}$ - $4\frac{3}{4}$	480*	-	450-480	$17\frac{3}{4}$ - $18\frac{7}{8}$
140	6 & 6X	110-140	$4\frac{3}{8}$ - $5\frac{1}{2}$	500*	-	470-500	$18\frac{1}{2}$ - $19\frac{5}{8}$

* 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.

TECHNICAL & MATERIAL SPECIFICATION



Dimensions in mm

HI-GRIP

All parts - mild steel, bright zinc plated and passivated.

HI-GRIP STAINLESS 304

All parts BS304 - EN 1.4301/1.4576

HI-GRIP STAINLESS 316

All parts BS316 - EN 1.4401/1.4578

Size	A	B	C	D	E	F	Recommended Torque Setting	
							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



iq
parts
IQ-PARTS-SHOP.COM

info@iq-parts.nl
Harsweg 34A
2461 EZ Ter Aar
T +31 252 624 126
The Netherlands