



STAINLESS STEEL HOSE CLIP – JCS HI-GRIP

Worm Drive Hose Clip · BS 5315

SKU: SW-0072

BRAND: JCS HI-GRIP

SIZE 000 TO 2A

WORM DRIVE



FIG. 1 | JCS HI-GRIP WORM DRIVE HOSE CLIP

PRODUCT OVERVIEW

The JCS Hi-Grip is a worm drive hose clip made to exceed BS 5315. Turning the screw draws the slotted band evenly around the hose, so clamping load is spread across the full circumference rather than concentrated at one point.

The band edges are rolled so the clip does not cut into the hose wall, and the housing is formed to hold the screw captive. The industry reference for marine, offshore and washdown work, including through hull and seacock connections below the waterline.

Fitting type	Worm drive hose clip
Function	Clamps a hose onto a tail or spigot
Material	Stainless steel, 18/8 grade 304
End connection	Band and worm drive housing
Coupling family	Worm Drive
Size range	000 to 2A and larger to enquiry

TECHNICAL SPECIFICATION

Standard	Exceeds BS 5315	Screw	Slotted hexagon head
Type	Worm drive, slotted band	Clamping range	9.5 mm to 380 mm across the range
Material	Stainless steel, 18/8 grade 304	Temperature range	-20°C to +100°C nominal
Finish	Bright stainless, no coating	Packing	Boxes of ten
Band width	9 mm nominal	Country of manufacture	England
Approvals	BSI Kitemark, NATO	Reusable	Yes, band and screw are captive



PRODUCT DATA SHEET

STAINLESS STEEL HOSE CLIP – JCS HI-GRIP

Ref. SW-0072 | Rev. 01

BILL OF MATERIALS

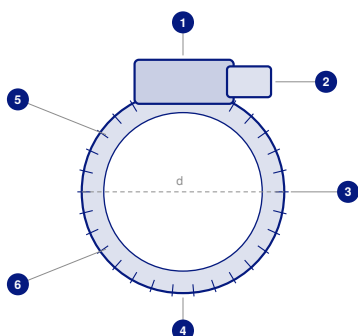


FIG. 2 | SECTIONAL ARRANGEMENT

#	FEATURE	DESCRIPTION
1	Band	Slotted, rolled edges
2	Worm housing	Formed housing holding the screw
3	Screw	Slotted hexagon head, captive
4	Band slots	Engage the worm thread
5	Trapped tail	Band end retained inside the housing
6	Marking	Size and standard marked on the band

Supplied in boxes of ten. The clip is reusable, the screw and band remain captive when the clip is fully opened.

DIMENSIONS AND WEIGHTS

JCS SIZE	CLAMPING RANGE (MM)	CLAMPING RANGE (IN)	BAND WIDTH (MM)
000	9.5 - 12	3/8 - 1/2	9
M00	11 - 16	1/2 - 5/8	9
00	13 - 20	1/2 - 3/4	9
0	14 - 22	5/8 - 7/8	9
0X	17 - 25	3/4 - 1	9
1A	22 - 30	7/8 - 1.1/8	9
1	25 - 35	1 - 1.3/8	9
1X	30 - 40	1.1/8 - 1.5/8	9
2A	35 - 45	1.3/8 - 1.3/4	9

Sizes above 2A continue in the same series up to 380 mm diameter and are offered against enquiry. Above 400 mm JCS recommend the Hi-Torque clamp instead. Select a clip whose range places the hose diameter near the middle of the band travel.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0072
Size	000, M00, 00, 0, 0X, 1A, 1, 1X, 2A and larger to enquiry
Thread	Not applicable
Material	Stainless steel, 18/8 grade 304
Order example	SW-0072 / SIZE 1 / BOX OF 10

Stock held in Dubai for fast despatch across the UAE and GCC. Contact our sales desk for pricing, availability, project quantities and certification requirements.



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PRESSURE AND TEMPERATURE

Service	Sets the seal, not a pressure containing part
Working pressure	Governed by the hose and the tail
Temperature range	-20°C to +100°C nominal
Duty	Static clamping, re-tightenable

A hose clip does not carry a pressure rating of its own. The safe working pressure of the assembly is set by the hose, the tail and the number of clips fitted. Use two clips per tail on compressed air.

TYPICAL APPLICATIONS

- Hose tails and spigots on air and water lines
- Automotive coolant, fuel and vacuum hose
- Marine, offshore and washdown installations
- Pump, compressor and plant connections
- Irrigation and garden hose assemblies
- General workshop and maintenance work

COMPLIANCE AND QUALITY

- Manufactured to exceed BS 5315
- BSI Kitemark and NATO approval
- Made entirely from 18/8 marine quality stainless steel
- Lloyds Register type approval
- Suitable for salt water and highly corrosive service
- Nine millimetre band with rolled edges
- Supplied in boxes of ten

INSTALLATION AND OPERATION

- Select the size so the hose diameter sits mid range on the clip
- Slide the clip over the hose before fitting it to the tail
- Position the clip behind the last serration, not on the tail nose
- Tighten to a firm seal, over-tightening cuts the hose wall
- Use two clips per tail on compressed air and higher pressure service
- Re-check the clip after the first pressurisation and after any temperature cycle

COMPANY

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Brand: JCS Hi-Grip

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