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Heavy Duty Hose Clamps

Technical Specifications Sheet

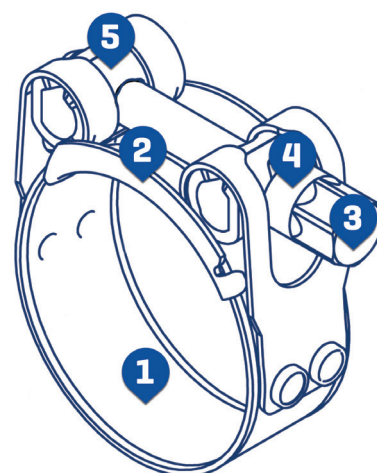
W1 HD Product Code	W4 HD Product Code	Diameter Range	W1/W4 Band Width/(mm)	Hex (mm)	W1/W4 Tightening Torque
HD181719W1	HD181719W4	17-19	18	8	8
HD181921W1	HD181921W4	19-21	18	8	8
HD182123W1	HD182123W4	21-23	18	8	8
HD182325W1	HD182325W4	23-25	18	8	8
HD182527W1	HD182527W4	25-27	18	8	8
HD182729W1	HD182729W4	27-29	18	8	8
HD182931W1	HD182931W4	29-31	18	8	8
HD203134W1	HD203134W4	31-34	20	10	10
HD203437W1	HD203437W4	34-37	20	10	10
HD203740W1	HD203740W4	37-40	20	10	10
HD204043W1	HD204043W4	40-43	20	10	10
HD204347W1	HD204347W4	43-47	20	10	10
HD204751W1	HD204751W4	47-51	20	10	10
HD205155W1	HD205155W4	51-55	20	10	10
HD205559W1	HD205559W4	55-59	20	10	10
HD205963W1	HD205963W4	59-63	20	10	10
HD206368W1	HD206368W4	63-68	20	10	10
HD256873W1	HD256873W4	68-73	25	13	20
HD257379W1	HD257379W4	73-79	25	13	20
HD257985W1	HD257985W4	79-85	25	13	20
HD258591W1	HD258591W4	85-91	25	13	20
HD259197W1	HD259197W4	91-97	25	13	20
HD2597104W1	HD2597104W4	97-104	25	13	20
HD25104112W1	HD25104112W4	104-112	25	13	20
HD25112121W1	HD25112121W4	112-121	25	13	20
HD25121130W1	HD25121130W4	121-130	25	13	20
HD25130140W1	HD25130140W4	130-140	25	13	20
HD25140150W1	HD25140150W4	140-150	25	13	20
HD25150162W1	HD25150162W4	150-162	25	13	20
HD25162174W1	HD25162174W4	162-174	25	13	20
HD25174187W1	HD25174187W4	174-187	25	13	20
HD25187200W1	HD25187200W4	187-200	25	13	20
HD25200213W1	HD25200213W4	200-213	25	13	20
HD25213226W1	HD25213226W4	213-226	25	13	20
HD25226239W1	HD25226239W4	226-239	25	13	20
HD25239252W1	HD25239252W4	239-252	25	13	20

Available in two materials [W1 & W4], the range of heavy duty clamps complements the Philmac range of hose and camlock fittings. They suit the full range of heavy duty hose sizes used in the irrigation, rural and industrial markets up to 252 mm in diameter.

HD T-Bolt clamps are manufactured utilising TOX®-Clinching joints. A cold forming press technique that is more than 70% stronger than welding and superior to tab style mechanical locks. Produced to DIN 3017-3 standards, HD T-Bolt clamps are suitable for high shore hardness of reinforced hoses.

Materials and Composition

Part	Part Name	Material Composition	
		W1	W4
1	Band	Zinc Plated Carbon Steel	Stainless Steel 304
2	Bridge	Zinc Plated Carbon Steel	Stainless Steel 304
3	Bolt	ISO 898-1 Class 8.8"	ISO 3506-1 Class A2-70
4	Bush	-	Stainless Steel 304
5	Trunnion	Zinc Plated Carbon Steel	Stainless Steel
Corrosion Resistance		Good	Excellent
Bolt Head			



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Features and Benefits

Range of Material Options

Available in a range of material types – W1 [Zinc Plated Carbon Steel Band, Saddle, Bolt & Trunnion], W4 [304 S/S Band, Saddle & Bolt, 304 S/S Tube & Trunnion], providing different levels of corrosion resistance, and allowing the user to choose the clamp for the application at hand

Manufactured to German DIN 3017 Standard

All HD Hose Clamps are manufactured to globally recognised German DIN 3017 standard, ensuring consistent quality of production and peace of mind reliability and performance.



Hollowed Trunion

The hollowed trunnions reduce the tensile forces on the bolt and the clinched joint.

New Specially Designed Bolt

With integrated spacer and improved performance. No more loose bolts.

High Torque, Uniform 360° Clamping Load

The seamless bridge design ensures full hose contact. This enables efficient sealing on either side of the bridge with high torque, uniform 360 fastening.

New Clinched Joint Design

The new clinched joint design adds strength and durability to the clamp. No welding spots. No contact corrosion.

Size Designation

The size of the hose clamp is stamped into the band, making for easy identification and selection.

Material Designation

Material identification is made easy with all material grades stamped into the band.

Thick Band to Prevent Twisting Under Load

The high-quality, thickened band resists twisting during assembly at high torques.

Solid Band with Rolled Edges for Hose Protection

Solid hose clamp band with burr-free, rolled edges, protects the hose from damage caused by cutting into the hose or extruding material through slots in the band.

For more information

Ph: 1800 755 899

www.philmac.com.au

www.youtube.com/user/PhilmacAustralia