



Comply with DIN 3017: Embossed clamp band, large clamping range, high holding force

Short housing saddle: uniform radial load with good seal

Weld-free body connection: secure connection, good corrosion resistance

Specially formed strip edges: reduced risk of damage to parts being clamped

Worm Drive Clamps conform to DIN¹ 3017 Product Group 126 & 177

Material PG 126

W2 Band and housing: stainless steel

Material No. 1.4016/UNS S43000

Hexagon-head screw: steel, zinc-plated

Material PG 177

W4 All parts: stainless steel

Material No. 1.4301/UNS S30400

Series

Diameter range	width x thickness
8.0 – 160.0 mm	9.0 x 0.6 mm
16.0 – 160.0 mm	12.0 x 0.7 mm

Other material qualities and diameter ranges on request.

Clamp design

Oetiker Worm Drive Clamps are technically advanced, multi-range hose clamps, which cover a very wide range of clamping diameters. Hoses of differing diameters can be securely connected with a single size.

Manufactured by cold-forming, the bands of these worm drive clamps have a slightly curved form. The depth of the thread impressions reduces to each side – the thread impressions have their full depth in the middle.

Worm drive clamps in material quality W2 have a 7 A/F hexagon-head screw with cross recess (Phillips). Clamps in material quality W4 have a hexagon-head screw (7 A/F) with a standard screwdriver slot.

Recommended installation

For professional installation, we recommend using a flexible screwdriver. This tool ensures safe installation even in hard-to-reach locations. For series installation requiring high process reliability, electronically monitored Oetiker controlled-torque screwdrivers should be used.

¹ DIN = Deutsches Institut für Normung

The data in this catalog are based on many years experience. They are intended for reference, not as design specifications.

Static tightening torque:

Clamping range	B = 9	B = 12
8 – 20	2 + 0.5 Nm	
From 12 – 160	3 + 0.5 Nm	
From 16 – 160		5 + 0.5 Nm

Static test torque:

Clamping range	B = 9	B = 12
8 – 20	max. 2.6 Nm	
From 12 – 160	max. 4 Nm	
From 16 – 160		max. 6.5 Nm

Order information

Item No.	Ref. No.	Size range (mm)	Item No.	Ref. No.	Size range (mm)
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Worm Drive Clamps W2

Band width 9 mm, thickness 0.6 mm

12600257	WD9 8-12 C7 W2	8 – 12
12600258	WD9 10-16 C7 W2	10 – 16
12600260	WD9 12-22 C7 W2	12 – 22
12600262	WD9 16-27 C7 W2	16 – 27
12600263	WD9 20-32 C7 W2	20 – 32
12600265	WD9 25-40 C7 W2	25 – 40
12600266	WD9 30-45 C7 W2	30 – 45
12600268	WD9 40-60 C7 W2	40 – 60
12600269	WD9 50-70 C7 W2	50 – 70
12600270	WD9 60-80 C7 W2	60 – 80
12600271	WD9 70-90 C7 W2	70 – 90
12600272	WD9 80-100 C7 W2	80 – 100
12600273	WD9 90-110 C7 W2	90 – 110
12600274	WD9 100-120 C7 W2	100 – 120
12600275	WD9 110-130 C7 W2	110 – 130
12600276	WD9 120-140 C7 W2	120 – 140
12600277	WD9 130-150 C7 W2	130 – 150
12600278	WD9 140-160 C7 W2	140 – 160

Worm Drive Clamps W4

Band width 9 mm, thickness 0.6 mm

17700188	WD9 8-12 C7 W4	8 – 12
17700189	WD9 10-16 C7 W4	10 – 16
17700191	WD9 12-22 C7 W4	12 – 22
17700193	WD9 16-27 C7 W4	16 – 27
17700194	WD9 20-32 C7 W4	20 – 32
17700196	WD9 25-40 C7 W4	25 – 40
17700197	WD9 30-45 C7 W4	30 – 45
17700199	WD9 40-60 C7 W4	40 – 60
17700200	WD9 50-70 C7 W4	50 – 70
17700201	WD9 60-80 C7 W4	60 – 80
17700202	WD9 70-90 C7 W4	70 – 90
17700203	WD9 80-100 C7 W4	80 – 100
17700204	WD9 90-110 C7 W4	90 – 110
17700205	WD9 100-120 C7 W4	100 – 120
17700206	WD9 110-130 C7 W4	110 – 130
17700207	WD9 120-140 C7 W4	120 – 140
17700208	WD9 130-150 C7 W4	130 – 150
17700209	WD9 140-160 C7 W4	140 – 160

Worm Drive Clamps W2

Band width 12 mm, thickness 0.7 mm

12600298	WD12 16-27 C7 W2	16 – 27
12600299	WD12 20-32 C7 W2	20 – 32
12600301	WD12 25-40 C7 W2	25 – 40
12600302	WD12 30-45 C7 W2	30 – 45
12600304	WD12 40-60 C7 W2	40 – 60
12600305	WD12 50-70 C7 W2	50 – 70
12600306	WD12 60-80 C7 W2	60 – 80
12600307	WD12 70-90 C7 W2	70 – 90
12600308	WD12 80-100 C7 W2	80 – 100
12600309	WD12 90-110 C7 W2	90 – 110
12600310	WD12 100-120 C7 W2	100 – 120
12600311	WD12 110-130 C7 W2	110 – 130
12600312	WD12 120-140 C7 W2	120 – 140
12600313	WD12 130-150 C7 W2	130 – 150
12600314	WD12 140-160 C7 W2	140 – 160

Worm Drive Clamps W4

Band width 12 mm, thickness 0.7 mm

17700229	WD12 16-27 C7 W4	16 – 27
17700230	WD12 20-32 C7 W4	20 – 32
17700232	WD12 25-40 C7 W4	25 – 40
17700233	WD12 30-45 C7 W4	30 – 45
17700235	WD12 40-60 C7 W4	40 – 60
17700236	WD12 50-70 C7 W4	50 – 70
17700237	WD12 60-80 C7 W4	60 – 80
17700238	WD12 70-90 C7 W4	70 – 90
17700239	WD12 80-100 C7 W4	80 – 100
17700240	WD12 90-110 C7 W4	90 – 110
17700241	WD12 100-120 C7 W4	100 – 120
17700242	WD12 110-130 C7 W4	110 – 130
17700243	WD12 120-140 C7 W4	120 – 140
17700244	WD12 130-150 C7 W4	130 – 150
17700245	WD12 140-160 C7 W4	140 – 160

Worm Drive Clamps W2B, W3, W5

Band width 9 mm and 12 mm

On request