

# Worm Drive Clamps

## 126 & 177



Recommended for Home Appliance and Two-Wheeler applications

### Benefits

- Durable and Reliable Connecting Solution for optimum sealing
- Worker-friendly installation with common tools



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**Curled, burr-free band edges:** preventing hose damage (exceeds DIN 3017 standard)

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**Optimized band end:** easy rounding and improved sealing

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**Asymmetric Housing and Embossment:** prevent clamp from tilting, while tightening

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FEATURES



## Worm Drive Clamps 126 & 177

### TECHNICAL DATA OVERVIEW

**Material 126**

<b>W2</b> Band and housing: stainless steel
Material No. 1.4016 / UNS S43000 or equivalent
Hexagon-head screw: steel, zinc-plated

**Material 177**

<b>W3</b> All parts stainless steel
Material No. 1.4016 / UNS S43000 or equivalent
<b>W4</b> All parts stainless steel
Material No. 1.4301 / UNS S30400

[Please ask for availability.](#)

**Standard Series**

Diameter range	Width x Thickness	Material availability
8.0 – 35.0 mm	9.0 x 0.6 mm	W2, W3, W4
25.0 – 160.0 mm	9.0 x 0.7 mm	W2, W3, W4
16.0 – 32.0 mm	12.0 x 0.7 mm	W2, W3, W4
25.0 – 390.0 mm	12.0 x 0.8 mm	W2, W3, W4

**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 qualities W3 and W4 have a hexagon-head screw 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 controlled-torque screwdrivers should be used.

## ASSEMBLY DATA

Clamping range	Band width = 9 mm	Band width = 12 mm
<b>Static tightening torque:</b>		
8 – 22 mm	2 + 0.5 Nm	
16 – 160 mm	3 + 0.5 Nm	
16 – 390 mm		5 + 0.5 Nm
<b>Static test torque:</b>		
8 – 22 mm	max. 2.5 Nm	
16 – 160 mm	max. 4.5 Nm	
16 – 390 mm		max. 6.5 Nm

## ORDER INFORMATION

Item No.	Ref. No.	Size Range (mm)
<b>Worm Drive Clamp W2</b>		
<b>Band width 9 mm, thickness 0.6 mm</b>		
12600590	09/008012 W2	8 – 12
12600591	09/008016 W2	8 – 16
12600592	09/010016 W2	10 – 16
12600452	09/012020 W2	12 – 20
12600581	09/012022 W2	12 – 22
12600453	09/016025 W2	16 – 25
12600572	09/016027 W2	16 – 27
12600454	09/020032 W2	20 – 32
12600573	09/023035 W2	23 – 35

## ORDER INFORMATION

Item No.	Ref. No.	Size Range (mm)
<b>Worm Drive Clamp W2</b>		
<b>Band width 9 mm, thickness 0.7 mm</b>		
12600429	09/025040 W2	25 – 40
12600430	09/030045 W2	30 – 45
12600431	09/032050 W2	32 – 50
12600432	09/040060 W2	40 – 60
12600433	09/050070 W2	50 – 70
12600434	09/060080 W2	60 – 80
12600435	09/070090 W2	70 – 90
12600467	09/080100 W2	80 – 100
12600468	09/090110 W2	90 – 110
12600469	09/100120 W2	100 – 120
12600470	09/110130 W2	110 – 130
12600471	09/120140 W2	120 – 140
12600472	09/130150 W2	130 – 150
12600473	09/140160 W2	140 – 160

**Band width 12 mm, thickness 0.7 mm**

12600560	12/016027 W2	16 – 27
12600561	12/020032 W2	20 – 32

**Worm Drive Clamp W2****Band width 12 mm, thickness 0.8 mm**

12600352	12/025040 W2	25 – 40
12600339	12/030045 W2	30 – 45
12600330	12/032050 W2	32 – 50
12600586	12/035055 W2	35 – 55
12600340	12/040060 W2	40 – 60
12600354	12/045065 W2	45 – 65
12600341	12/050070 W2	50 – 70
12600444	12/055075 W2	55 – 75
12600342	12/060080 W2	60 – 80
12600343	12/070090 W2	70 – 90
12600355	12/075095 W2	75 – 95
12600338	12/080100 W2	80 – 100
12600344	12/090110 W2	90 – 110
12600345	12/100120 W2	100 – 120
12600346	12/110130 W2	110 – 130
12600347	12/120140 W2	120 – 140
12600348	12/130150 W2	130 – 150
12600349	12/140160 W2	140 – 160

! Other diameter ranges on request.

## ORDER INFORMATION

Item No.	Ref. No.	Size Range (mm)	Item No.	Ref. No.	Size Range (mm)
<b>Worm Drive Clamp W2</b>			<b>Worm Drive Clamp W3</b>		
<b>Band width 12 mm, thickness 0.8 mm</b>			<b>Band width 9 mm, thickness 0.7 mm</b>		
12600350	12/150170 W2	150 – 170	17700471	09/090110 W3	90 – 110
12600351	12/160180 W2	160 – 180	17700472	09/100120 W3	100 – 120
12600353	12/170190 W2	170 – 190	17700473	09/110130 W3	110 – 130
12600395	12/180200 W2	180 – 200	17700474	09/120140 W3	120 – 140
12600401	12/190210 W2	190 – 210	17700475	09/130150 W3	130 – 150
12600396	12/200220 W2	200 – 220	17700476	09/140160 W3	140 – 160
12600397	12/210230 W2	210 – 230	<b>Band width 12 mm, thickness 0.7 mm</b>		
12600400	12/220240 W2	220 – 240	17700592	12/016027 W3	16 – 27
12600417	12/230250 W2	230 – 250	17700593	12/020032 W3	20 – 32
12600398	12/240260 W2	240 – 260	<b>Band width 12 mm, thickness 0.8 mm</b>		
12600418	12/250270 W2	250 – 270	17700528	12/025040 W3	25 – 40
12600460	12/260280 W2	260 – 280	17700529	12/030045 W3	30 – 45
12600419	12/270290 W2	270 – 290	17700530	12/032050 W3	32 – 50
12600443	12/280300 W2	280 – 300	17700531	12/035055 W3	35 – 55
12600426	12/290310 W2	290 – 310	17700532	12/040060 W3	40 – 60
12600399	12/300320 W2	300 – 320	17700533	12/045065 W3	45 – 65
12600420	12/350370 W2	350 – 370	17700534	12/050070 W3	50 – 70
12600421	12/370390 W2	370 – 390	17700535	12/055075 W3	55 – 75
<b>Worm Drive Clamp W3</b>			17700536	12/060080 W3	60 – 80
<b>Band width 9 mm, thickness 0.6 mm</b>			17700546	12/070090 W3	70 – 90
17700713	09/008012 W3	8 – 12	17700547	12/075095 W3	75 – 95
17700714	09/008016 W3	8 – 16	17700548	12/080100 W3	80 – 100
17700715	09/010016 W3	10 – 16	17700549	12/090110 W3	90 – 110
17700511	09/012020 W3	12 – 20	17700550	12/100120 W3	100 – 120
17700687	09/012022 W3	12 – 22	17700551	12/110130 W3	110 – 130
17700514	09/016025 W3	16 – 25	17700552	12/120140 W3	120 – 140
17700675	09/016027 W3	16 – 27	17700553	12/130150 W3	130 – 150
17700515	09/020032 W3	20 – 32	17700554	12/140160 W3	140 – 160
17700676	09/023035 W3	23 – 35	17700555	12/150170 W3	150 – 170
<b>Band width 9 mm, thickness 0.7 mm</b>			17700614	12/160180 W3	160 – 180
17700462	09/025040 W3	25 – 40	17700615	12/170190 W3	170 – 190
17700463	09/030045 W3	30 – 45	17700616	12/180200 W3	180 – 200
17700464	09/032050 W3	32 – 50	17700617	12/190210 W3	190 – 210
17700465	09/035055 W3	35 – 55	17700618	12/200220 W3	200 – 220
17700466	09/040060 W3	40 – 60	17700619	12/210230 W3	210 – 230
17700467	09/050070 W3	50 – 70	17700620	12/220240 W3	220 – 240
17700468	09/060080 W3	60 – 80	17700621	12/230250 W3	230 – 250
17700469	09/070090 W3	70 – 90	17700622	12/240260 W3	240 – 260
17700470	09/080100 W3	80 – 100	17700623	12/250270 W3	250 – 270

! Other diameter ranges on request.

## ORDER INFORMATION

Item No.	Ref. No.	Size Range (mm)	Item No.	Ref. No.	Size Range (mm)
<b>Worm Drive Clamp W3</b>			<b>Worm Drive Clamp W4</b>		
<b>Band width 12 mm, thickness 0.8 mm</b>			<b>Band width 12 mm, thickness 0.8 mm</b>		
17700624	12/260280 W3	260 – 280	17700537	12/025040 W4	25 – 40
17700625	12/270290 W3	270 – 290	17700538	12/030045 W4	30 – 45
17700626	12/280300 W3	280 – 300	17700539	12/032050 W4	32 – 50
17700627	12/290310 W3	290 – 310	17700540	12/035055 W4	35 – 55
17700628	12/300320 W3	300 – 320	17700541	12/040060 W4	40 – 60
17700629	12/350370 W3	350 – 370	17700542	12/045065 W4	45 – 65
17700630	12/370390 W3	370 – 390	17700543	12/050070 W4	50 – 70
<b>Worm Drive Clamp W4</b>			17700544	12/055075 W4	55 – 75
<b>Band width 9 mm, thickness 0.6 mm</b>			17700545	12/060080 W4	60 – 80
17700688	09/008012 W4	8 – 12	17700556	12/070090 W4	70 – 90
17700512	09/008016 W4	8 – 16	17700557	12/075095 W4	75 – 95
17700689	09/010016 W4	10 – 16	17700558	12/080100 W4	80 – 100
17700513	09/012020 W4	12 – 20	17700559	12/090110 W4	90 – 110
17700690	09/012022 W4	12 – 22	17700560	12/100120 W4	100 – 120
17700516	09/016025 W4	16 – 25	17700561	12/110130 W4	110 – 130
17700677	09/016027 W4	16 – 27	17700562	12/120140 W4	120 – 140
17700517	09/020032 W4	20 – 32	17700563	12/130150 W4	130 – 150
17700678	09/023035 W4	23 – 35	17700564	12/140160 W4	140 – 160
<b>Band width 9 mm, thickness 0.7 mm</b>			17700565	12/150170 W4	150 – 170
17700477	09/025040 W4	25 – 40	17700648	12/160180 W4	160 – 180
17700478	09/030045 W4	30 – 45	17700649	12/170190 W4	170 – 190
17700479	09/032050 W4	32 – 50	17700650	12/180200 W4	180 – 200
17700480	09/035055 W4	35 – 55	17700651	12/190210 W4	190 – 210
17700481	09/040060 W4	40 – 60	17700652	12/200220 W4	200 – 220
17700482	09/050070 W4	50 – 70	17700653	12/210230 W4	210 – 230
17700483	09/060080 W4	60 – 80	17700654	12/220240 W4	220 – 240
17700484	09/070090 W4	70 – 90	17700655	12/230250 W4	230 – 250
17700485	09/080100 W4	80 – 100	17700656	12/240260 W4	240 – 260
17700486	09/090110 W4	90 – 110	17700657	12/250270 W4	250 – 270
17700487	09/100120 W4	100 – 120	17700658	12/260280 W4	260 – 280
17700488	09/110130 W4	110 – 130	17700659	12/270290 W4	270 – 290
17700489	09/120140 W4	120 – 140	17700660	12/280300 W4	280 – 300
17700490	09/130150 W4	130 – 150	17700661	12/290310 W4	290 – 310
17700491	09/140160 W4	140 – 160	17700662	12/300320 W4	300 – 320
<b>Band width 12 mm, thickness 0.7 mm</b>			17700663	12/350370 W4	350 – 370
17700596	12/016027 W4	16 – 27	17700664	12/370390 W4	370 – 390
17700597	12/020032 W4	20 – 32			

! Other diameter ranges on request.