

North America: PG 126



North America: PG 177



Housing with screw
Housing saddle

Conforms to SAE J1508 Type “F” (only for the North American market):

Perforated band, large clamping range

Short housing saddling: even radial load

Robust housing connection: high radial loads

High quality materials: good corrosion resistance

Worm Drive Clamps North America conform to SAE¹ J1508 Type “F” Product Group 126 & 177

Material 126

Band and housing are stainless steel materials

UNS 201/301, respectively

Hex-head screw is carbon steel, zinc-plated

Material 177

Band and housing are stainless steel materials

UNS 201/301, respectively

Hex-head screw is stainless steel, UNS 410

Series

Diameter range	width x thickness
3/8 – 7.0 in	1/2 x 0.025 in
10 – 178 mm	12.7 x 0.63 mm

Other material qualities and diameter ranges on request.

Oetiker Worm Drive Clamps are suitable for numerous applications, for example for agricultural and forestry machinery, on ship and marine applications, in maintenance, repair and operations industries, etc. As a result of the generous clamping range, the same size of clamp can be used for several joint diameters.

A choice of materials to suit the application makes them a practical solution for the low and medium pressure ranges. Oetiker Worm-Drive Clamps comply fully with the requirements of SAE J1508 for Type “F” clamps.

Recommended installation

For professional installation, we recommend use of a flexible screwdriver. This tool ensures safe installation even in hard-to-reach locations.

In series production where there are high process reliability requirements, use of an electronically-monitored Oetiker torque screwdriver should be considered.

¹ SAE = Society of Automotive Engineers

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

Item No.	Installation tool
14100316	Flexible screwdriver 5/16"
Recommended installation torque	
Product Group	Torque (in-lb/Nm)
126	max. 30/max. 3.4
177	max. 35/max. 4.0
Minimum ultimate torque	
Product Group	Torque (in-lb/Nm)
126	min. 60/min. 6.9
177	min. 60/min. 6.9

Order information

Item No.	SAE Size No.	Diameter range (in)	Diameter range (mm)	Item No.	SAE Size No.	Diameter range (in)	Diameter range (mm)
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Worm Drive Clamps PG 126

Band width 1/2 in (12.7 mm), thickness 0.025 in (0.63 mm)

12600359	6	3/8 – 7/8	9 – 22
12600374	8	7/16 – 1	11 – 25
12600375	10	1/2 – 1 1/16	13 – 27
12600376	12	9/16 – 1 1/4	14 – 32
12600377	16	11/16 – 1 1/2	17 – 38
12600378	20	3/4 – 1 3/4	19 – 44
12600379	24	1 – 2	25 – 51
12600380	28	1 1/4 – 2 1/4	32 – 57
12600381	32	1 1/2 – 2 1/2	38 – 63
12600382	36	1 13/16 – 2 3/4	46 – 70
12600383	40	2 – 3	52 – 76
12600384	44	2 1/4 – 3 1/4	57 – 82
12600385	48	2 1/2 – 3 1/2	65 – 89
12600386	52	2 3/4 – 3 3/4	70 – 95
12600387	56	3 – 4	78 – 101
12600388	60	3 1/4 – 4 1/4	83 – 108
12600389	64	2 1/2 – 4 1/2	64 – 114
12600390	72	3 – 5	76 – 127
12600391	80	3 1/2 – 5 1/2	89 – 140
12600392	88	4 – 6	102 – 152
12600393	96	4 1/2 – 6 1/2	114 – 165
12600394	104	5 – 7	127 – 178

Worm Drive Clamps PG 177

Band width 1/2 in (12.7 mm), thickness 0.025 in (0.63 mm)

17700338	6	3/8 – 7/8	9 – 22
17700339	8	7/16 – 1	11 – 25
17700340	10	1/2 – 1 1/16	13 – 27
17700341	12	9/16 – 1 1/4	14 – 32
17700342	16	11/16 – 1 1/2	17 – 38
17700343	20	3/4 – 1 3/4	19 – 44
17700344	24	1 – 2	25 – 51
17700345	28	1 1/4 – 2 1/4	32 – 57
17700346	32	1 1/2 – 2 1/2	38 – 63
17700347	36	1 13/16 – 2 3/4	46 – 70
17700348	40	2 – 3	52 – 76
17700349	44	2 1/4 – 3 1/4	57 – 82
17700350	48	2 1/2 – 3 1/2	65 – 89
17700351	52	2 3/4 – 3 3/4	70 – 95
17700352	56	3 – 4	78 – 101
17700353	60	3 1/4 – 4 1/4	83 – 108
17700354	64	2 1/2 – 4 1/2	64 – 114
17700355	72	3 – 5	76 – 127
17700356	80	3 1/2 – 5 1/2	89 – 140
17700357	88	4 – 6	102 – 152
17700358	96	4 1/2 – 6 1/2	114 – 165
17700359	104	5 – 7	127 – 178