

# Hose Clamp Size Chart

## Miniature Worm Drive Hose Clamps

Miniature worm drive hose clamps are commonly called micro hose clamps. They typically have a 5/16" wide band and a 1/4" slotted hex head screw. The construction can be made with a combination of stainless steel bands and zinc plated or stainless steel screws.

<b>Miniature Worm Drive Hose Clamps - SAE Type "M"</b>		
<b>SAE Size</b>	<b>Clamp Range (in.)</b>	<b>Clamp Range (mm)</b>
4	1/4" - 5/8"	6 mm - 16 mm
6	5/16" - 7/8"	8 mm - 22 mm
8	3/8" - 1"	10 mm - 25 mm
10	3/8" - 1-1/16"	10 mm - 27 mm

*\* Sizes listed are a general reference and may vary between each manufacturer.*

**SAE # - Society of Automotive Engineers industry size designation for the maximum ID of worm-drive clamps (except for constant-tension and high-torque styles) according to SAE J1508.**

## Durability Torque

201/301 Stainless steel band & housing with zinc-plated screw - Torque: 20 lbs./inch

201/301 Stainless steel band & housing with 410 Stainless steel screw - Torque: 20 lbs./inch

All 300 Grade Stainless steel band, housing and screw. Marine Grade - Torque: 16 lbs./inch

All 316 Grade Stainless steel band, housing and screw. Superior corrosion-resistance - Torque: 16 lbs./inch

Installation Torque: Install at 50% to 70% of the rated durability torque.

## Standard Worm Drive Hose Clamps SAE Type "F"

Worm drive or worm gear hose clamps are the most commonly used hose clamp. The clamps typically have a 1/2" wide band and a 5/16" slotted hex head screw. Not recommended for use with soft/silicone hoses or tubes. The hose clamps are manufactured in compliance with ANSI/SAE J1670 recognized standard, entitled "Type F clamps for plumbing applications".

Standard Worm Drive Hose Clamps - SAE Type "F"		
SAE Size	Clamp Range (in.)	Clamp Range (mm)
6	3/8" - 7/8"	10 mm - 22 mm
8	7/16" - 1"	11 mm - 25 mm
10	1/2" - 1-1/16"	13 mm - 27 mm
12	1/2" - 1-1/4"	13 mm - 32 mm
16	13/16" - 1-1/2"	21 mm - 38 mm
20	13/16" - 1-3/4"	21 mm - 44 mm
24	1" - 2"	25 mm - 51 mm
28	1-5/16" - 2-1/4"	35 mm - 57 mm
32	1-9/16" - 2-1/2"	40 mm - 63 mm
36	1-13/16" - 2-3/4"	46 mm - 70 mm
40	2" - 3"	51 mm - 76 mm
44	2-5/16" - 3-1/4"	59 mm - 82 mm
48	2-9/16" - 3-1/2"	65 mm - 89 mm
52	2-13/16" - 3-3/4"	72 mm - 95 mm
56	3" - 4"	76 mm - 101 mm
60	3-5/16" - 4-1/4"	84 mm - 108 mm
64	3-9/16" - 4-1/2"	91 mm - 114 mm
72	4" - 5"	102 mm - 127 mm
80	4-5/8" - 5-1/2"	118 mm - 140 mm
88	5" - 6"	127 mm - 152 mm
96	5-5/8" - 6-1/2"	143 mm - 165 mm
104	6" - 7"	153 mm - 178 mm
128	5-11/16" - 8-1/2"	144 mm - 216 mm
<p><i>* Sizes listed are a general reference and may vary between each manufacturer.</i></p> <p><b>ANSI / SAE J 1670</b></p> <p><i>SAE # - Society of Automotive Engineers industry size designation for the maximum ID of worm-drive clamps (except for constant-tension and high-torque styles) according to SAE J1508.</i></p>		

## Durability Torque

201/301 Stainless steel band & housing with zinc-plated screw - Torque: 50 lbs./inch

201/301 Stainless steel band & housing with 410 Stainless steel screw - Torque: 60 lbs./inch

All 300 Grade Stainless steel band, housing and screw. Marine Grade - Torque: 60 lbs./inch

All 316 Grade Stainless steel band, housing and screw. Superior corrosion-resistance - Torque: 60 lbs./inch

Installation Torque: Install at 50% to 70% of the rated durability torque

## Full-Size Worm Drive Hose Clamps

The wider 9/16" band provides a larger bearing surface for more heavy-duty applications. The standard worm drive hose clamps come with a 5/16" slotted hex head screw.

Full-Size Worm Drive Hose Clamps		
SAE Size	Clamp Range (in.)	Clamp Range (mm)
6	3/8" - 7/8"	10 mm - 22 mm
8	7/16" - 1"	11 mm - 25 mm
10	1/2" - 1-1/16"	13 mm - 27 mm
12	1/2" - 1-1/4"	13 mm - 32 mm
16	13/16" - 1-1/2"	21 mm - 38 mm
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