

Worm Gear Clamps

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Dixon Worm Gear Clamps

- four-piece construction
- clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B
- screw design: 5/16" slotted hex head
- maximum recommended torque 50 in. lbs.
- *all clamps sold 10 per box*

Style HS material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 1018 case-hardened steel, zinc plated and chromate dipped

Style HSS material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 300 series stainless



style HS



style HSS

Band Width	Hose OD		style HS Part #	Case Qty	style HSS Part #	Case Qty
	from	to				
1/2"	28/64"	50/64"	HS6	200	HSS6	200
	32/64"	58/64"	HS8	200	HSS8	200
	36/64"	1-4/64"	HS10	500	HSS10	500
	44/64"	1-16/64"	HS12	500	HSS12	500
	52/64"	1-32/64"	HS16	500	HSS16	500
	52/64"	1-48/64"	HS20	500	HSS20	500
	1-4/64"	2"	HS24	500	HSS24	500
	1-20/64"	2-16/64"	HS28	500	HSS28	500
	1-36/64"	2-32/64"	HS32	500	HSS32	500
	1-52/64"	2-48/64"	HS36	500	HSS36	500
	2-4/64"	3"	HS40	200	HSS40	200
	2-20/64"	3-16/64"	HS44	200	HSS44	200
	2-36/64"	3-32/64"	HS48	200	HSS48	200
	2-52/64"	3-48/64"	HS52	200	HSS52	200
9/16"	3-4/64"	4"	HS56	200	HSS56	200
	3-20/64"	4-16/64"	HS60	200	HSS60	200
	3-36/64"	4-32/64"	HS64	200	HSS64	200
	1-56/64"	5"	HS72	100	HSS72	100
	2-32/64"	5-32/64"	HS80	100	HSS80	100
	3-8/64"	6"	HS88	100	HSS88	100
	3-40/64"	6-32/64"	HS96	100	HSS96	100
	4-8/64"	7"	HS104	100	HSS104	100
	5-40/64"	8-32/64"	HS128	100	HSS128	100
	7-8/64"	10"	HS152	100	HSS152	100
	9-24/64"	12-16/64"	HS188	100	HSS188	100
	10-8/64"	13"	HS200	100	HSS200	100
	10-56/64"	13-48/64"	HS212	100	HSS212	100
	11-40/64"	14-32/64"	HS224	100	HSS224	100
	12-24/64"	15-16/64"	HS236	100	HSS236	100
	13-8/64"	16"	HS248	100	HSS248	100
	17-8/64"	20"	HS312	100	HSS312	100

Miniature Worm Gear Clamps

- screw design: 1/4" slotted hex head
- maximum recommended torque 15 in. lbs.
- *all clamps sold 10 per box*
- meets SAE J1508

Style MH material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 1018 case-hardened steel, zinc plated and chromate dipped

Style MAH material:

- band and housing: SAE 300 series stainless
- screw: SAE 300 series stainless



style MH



style MAH

Band Width	Hose OD		style MH Part #	Case Qty	style MAH Part #	Case Qty
	from	to				
5/16"	14/64"	40/64"	MH4	500	MAH4	500
	28/64"	50/64"	MH6	500	MAH6	500
	32/64"	58/64"	MH8	200	MAH8	200
	36/64"	1-4/64"	MH10	200	MAH10	200
	44/64"	1-16/64"	MH12	200	MAH12	200
	60/64"	1-32/64"	MH16	200	MAH16	200
	1-12/64"	1-48/64"	MH20	200	MAH20	200



Torque ratings correspond to the torque rating of the screw of the clamp and are not an indication of the working pressure of any hose assembly installed with this clamp.

Quick Release Clamps

- maximum recommended torque 30 in. lbs.
- screw design: 5/16" slotted hex head
- Parts showing package quantities are sold in package quantities only.

Style LS material:

- band and housing: 301 series stainless
- screw: plated hardened carbon steel

Style LSS material:

- band and housing: 301 series stainless
- screw: SAE 410 series stainless

Band Width	Hose OD		style LS Part #	Pkg Qty	style LSS Part #	Pkg Qty
	from	to				
1/2"	1-32/64"	3-32/64"	LS48	10	LSS48	10
	1"	4"	LS56	10	---	--
	2"	5"	LS72	10	LSS72	10
	2-4/64"	6"	LS88	10	LSS88	10
	3-32/64"	6-36/64"	LS96	--	---	--
	1-48/64"	7"	LS104	10	LSS104	10
	1-48/64"	8-36/64"	LS128	--	LSS128	--
	2"	10"	LS152	--	---	--
	2-4/64"	12-20/64"	LS188	--	LSS188	--
	10-12/64"	14"	---	--	LSS216	--
	10-48/64"	16"	---	--	LSS248	--



style LS



style LSS

Torque ratings correspond to the torque rating of the screw of the clamp and *are not an indication of the working pressure of any hose assembly installed with this clamp.*



Thumb Screw Clamps

- worm gear style clamp, no tools required
- screw cap removable to make clamp tamper resistant
- plated carbon steel screw with a yellow thermoplastic screw cap, removable and reusable
- band and housing are stainless steel

Band Width	Hose OD		Stainless Steel Part #	Pkg Qty
	from	to		
5/16"	1/4"	5/8"	MH4Y	10
5/16"	5/16"	7/8"	MH6Y	10
1/2"	1/2"	1-1/4"	HS12Y	10
1/2"	3/4"	1-3/4"	HS20Y	10
1/2"	1-1/4"	2-1/4"	HS28Y	10



Aero-Seal® Clamps



style 100



style 200



style 300

- four-piece construction
- band slots designed for strength and smooth action
- saddle interlocks into embossed band to form a true concentric circle
- slotted hex head screw design

Style 100 material:

- band and housing: 300 series stainless
- screw: plated carbon steel

Style 200 material:

- band and housing: 300 series stainless
- screw: 410 series stainless

Style 300 material:

- band and housing: 302 series stainless
- screw: high corrosion resistant 305 stainless

Band Width	Hose OD		style 100	style 200	style 300	Pkg Qty
	from	to	Part #	Part #	Part #	
9/16"	28/64"	50/64"	10006	20006	30006	10
	32/64"	58/64"	10008	20008	30008	10
	36/64"	1-4/64"	10010	20010	30010	10
	44/64"	1-16/64"	10012	20012	30012	10
	52/64"	1-32/64"	10016	20016	30016	10
	52/64"	1-48/64"	10020	20020	30020	10
	1-4/64"	2"	10024	20024	30024	10
	1-20/64"	2-16/64"	10028	20028	30028	10
	1-36/64"	2-32/64"	10032	20032	30032	10
	1-52/64"	2-48/64"	10036	20036	30036	10
	2-4/64"	3"	10040	20040	30040	10
	2-20/64"	3-16/64"	10044	20044	30044	10
	2-36/64"	3-32/64"	10048	20048	30048	10
	2-52/64"	3-48/64"	10052	20052	30052	10
	3-4/64"	4"	10056	20056	30056	10
	3-20/64"	4-16/64"	10060	20060	30060	10



Torque ratings correspond to the torque rating of the screw of the clamp and are not an indication of the working pressure of any hose assembly installed with this clamp.

HTM Hi Torque Clamps

- withstands more than three times the SAE torque requirements for worm-driven clamps
- eight screw threads are engaged in the band simultaneously for incredible torquing drive (over 150 in. lbs.), sealing pressure and vibration resistance
- slotted hex head screw design

Material:

- band and housing: 300 series half hard stainless
- screw: 410 stainless steel screw



style HTM

Band Width	Hose OD		Stainless Steel	Opt Qty
	from	to	Part #	
5/8"	1-16/64"	2-8/64"	HTM200	10
	1-48/64"	2-40/64"	HTM250	10
	2-16/64"	3-8/64"	HTM300	10
	2-48/64"	3-40/64"	HTM350	10
	3-16/64"	4-8/64"	HTM400	10
	3-48/64"	4-40/64"	HTM450	10
	4-16/64"	5-8/64"	HTM500	10
	4-48/64"	5-40/64"	HTM550	10
	5-16/64"	6-8/64"	HTM600	10
	5-48/64"	6-40/64"	HTM650	10
	6-16/64"	7-8/64"	HTM700	10
	6-48/64"	7-40/64"	HTM750	10
	7-16/64"	8-8/64"	HTM800	10
	7-48/64"	8-40/64"	HTM850	10
	8-16/64"	9-8/64"	HTM900	10

extended range clamps

Band Width	Hose OD		Stainless Steel
	from	to	Part #
5/8"	1-16/64"	2-40/64"	HP2
	2-8/64"	4-8/64"	HP3
	4"	6-8/64"	HP4
	6-8/64"	9-8/64"	HP5



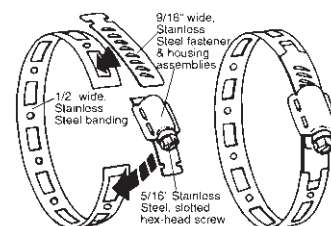
style HP

Make-A-Clamp Kits

This is a maintenance clamp system in a box. By simply cutting off a piece of banding from a continuous roll, you can make any size stainless steel worm-driven clamp from 3" diameter and up. It is a must for anyone likely to encounter requirements for varying sized large clamps.

- reusable
- band width: 1/2"
- band thickness: .023"
- screw design: 5/16" slotted hex head
- band and housing material: 302 stainless, screw material: 410 stainless

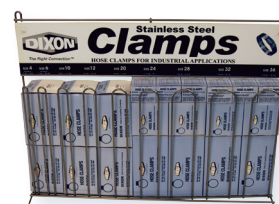
Contents	Stainless Steel Part #
mini kit: 8 1/2' band, 3 adjustable fasteners, 1 band splice	4000
kit with 100' band, 25 adjustable fasteners, 10 band splices	4001
kit with 50' band, 10 adjustable fasteners, 5 band splices	4002
box with 10 adjustable fasteners : priced per box	4004
box with 100' band, 10 band splices	4005
box with 50' band, 5 band splices	4006
6" demonstrator kit with clamps	4007
box with 10 band splices : priced per box	4008



Dixon Racks for Worm Gear Clamps

- top load metal rack made of nickel plated steel rods with enameled steel sign
- sign identifies each clamp size and diameter range
- rack with clamps contains 9 clamp sizes with diameter ranges from 7/32" - 2-3/4"

- 30 of part# MH4
- 30 of part# MH6
- 20 of part# HS10
- 20 of part# HS12
- 20 of part# HS20
- 20 of part# HS24
- 20 of part# HS28
- 20 of part# HS32
- 20 of part# HS36



CRWC



CR

Description	Part #
with 200 clamps	CRWC
without clamps	CR

Clamps included are:

Safety

Dixon's couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention device, and the proper application of the coupling to the hose are of utmost importance.

Users must consider the size, temperature, application, media, pressure and hose and coupling manufacturer's recommendations when selecting the proper hose assembly components. Dixon recommends that all hose assemblies be tested in accordance with the Rubber Manufacturers Association's recommendations and be inspected regularly (before each use) to ensure that they are not damaged or have become loose. Visit RMA.org for more information. Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices such as safety clips or safety cables are recommended. If any problem is detected, couplings must be removed from service immediately.

Dixon is available to consult, train and recommend the proper selection and application of all fittings we sell. We strongly recommend that distributors and end users make use of Dixon's Testing and Recommendation Services. Call 877-963-4966 or click dixonvalve.com to learn more.

Dixon is recognized as the premier manufacturer and supplier of hose fittings and accessories spanning a wide range of industrial uses. Dixon's range includes products for food, dairy processing, beverage and brewery, mobile tankers, mining, construction, chemical processing, petroleum, oilfields, refining and manufacturing.

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