

Dixon Worm Gear Clamps

Features:

- clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B
- four-piece construction
- 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, hex-free chrome zinc-plated steel

Style HSS material:

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



style HS



style HSS

Band Width	Hose OD		style HS Part #	Master Case Qty	style HSS Part #	Master Case Qty
	from	to				
1/2"	7/16"	25/32"	HS6	200	HSS6	200
	1/2"	29/32"	HS8	200	HSS8	200
	9/16"	1-1/16"	HS10	500	HSS10	500
	11/16"	1-1/14"	HS12	500	HSS12	500
	13/16"	1-1/2"	HS16	500	HSS16	500
	13/16"	1-3/4"	HS20	500	HSS20	500
	1-1/16"	2"	HS24	500	HSS24	500
	1-5/16"	2-1/4"	HS28	500	HSS28	500
	1-9/16"	2-1/2"	HS32	500	HSS32	500
	1-13/16"	2-3/4"	HS36	500	HSS36	500
	2-1/16"	3"	HS40	200	HSS40	200
	2-5/16"	3-1/4"	HS44	200	HSS44	200
	2-9/16"	3-1/2"	HS48	200	HSS48	200
	2-13/16"	3-3/4"	HS52	200	HSS52	200
	3-1/16"	4"	HS56	200	HSS56	200
	3-5/16"	4-1/4"	HS60	200	HSS60	200
9/16"	3-9/16"	4-1/2"	HS64	200	HSS64	200
	1-7/8"	5"	HS72	100	HSS72	100
	2-1/2"	5-1/2"	HS80	100	HSS80	100
	3-1/8"	6"	HS88	100	HSS88	100
	3-5/8"	6-1/2"	HS96	100	HSS96	100
	4-1/8"	7"	HS104	100	HSS104	100
	5-5/8"	8-1/2"	HS128	100	HSS128	100
	7-1/8"	10"	HS152	100	HSS152	100
	9-3/8"	12-1/4"	HS188	100	HSS188	100
	10-1/8"	13"	HS200	100	HSS200	100
	10-7/8"	13-3/4"	HS212	100	HSS212	100
	11-5/8"	14-1/2"	HS224	100	HSS224	100
	12-3/8"	15-1/4"	HS236	100	HSS236	100
	13-1/8"	16"	HS248	100	HSS248	100
	17-1/8"	20"	HS312	100	HSS312	100

Miniature Worm Gear Clamps

Features:

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

Style MH material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel

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 #	Master Case Qty	style MAH Part #	Master Case Qty
	from	to				
5/16"	7/32"	5/8"	MH4	500	MAH4	500
	7/16"	25/32"	MH6	500	MAH6	500
	1/2"	29/32"	MH8	200	MAH8	200
	9/16"	1-1/16"	MH10	200	MAH10	200
	11/16"	1-1/4"	MH12	200	MAH12	200
	15/16"	1-1/2"	MH16	200	MAH16	200
	1-3/16"	1-3/4"	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.

Marine Grade Worm Gear Clamps

Features:

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

Band Width	Hose OD		316 Stainless Steel Part #
	from	to	
1/2"	3/8"	7/8"	MGC6
	7/16"	1"	MGC8
	1/2"	1-1/16"	MGC10
	1/2"	1-1/4"	MGC12
	11/16"	1-1/2"	MGC16
	3/4"	1-3/4"	MGC20
	1"	2"	MGC24
	1-1/4"	2-1/4"	MGC28
	1-1/2"	2-1/2"	MGC32
	1-3/4"	2-3/4"	MGC36
	2"	3"	MGC40
	2-1/4"	3-1/4"	MGC44
	2-1/2"	3-1/2"	MGC48
	2-3/4"	3-3/4"	MGC52
	3"	4"	MGC56
	2-1/2"	4-1/2"	MGC64
	3"	5"	MGC72
	3-1/2"	5-1/2"	MGC80
	4"	6"	MGC88
	4-1/2"	6-1/2"	MGC96
5"	7"	MGC104	



WaveSeal Clamps

Application:

- provides optimal retention in applications involving thermal cycling and / or high vibration

Features:

- produces a sealing O-ring effect that prevents leakage
- 5/16" head screw
- **all clamps sold 10 per box**
- construction:
 - band: 301 stainless steel
 - liner and housing: 304 stainless steel
 - screw: 410 stainless steel

Band Width	Hose OD		Stainless Steel Part #
	from	to	
9/16"	13/16"	1-19/64"	WSS16
	1-1/16"	1-3/8"	WSS19
	1"	1-9/16"	WSS20
	1-1/8"	1-11/16"	WSS22
	1-3/16"	1-13/16"	WSS24
	1-5/16"	2-1/16"	WSS28
	1-9/16"	2-5/16"	WSS32
	1-5/8"	2-7/16"	WSS34
	1-11/16"	2-9/16"	WSS36
	1-13/16"	2-13/16"	WSS40
	2-1/16"	3-1/16"	WSS44
	2-3/16"	3-5/16"	WSS48
	2-3/8"	3-9/16"	WSS52
	2-1/2"	3-13/16"	WSS56
	2-11/16"	4-1/16"	WSS60
	2-13/16"	4-5/16"	WSS64
	3-3/16"	4-13/16"	WSS72
	3-9/16"	5-5/16"	WSS80
	3-13/16"	5-13/16"	WSS88



Quick Release Clamps

Features:

- maximum recommended torque: 30 in. lbs.
- band and housing: 301 series stainless
- screw design: 5/16" slotted hex head
- **Parts showing package quantities are sold in package quantities only.**



- 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.

Style LS:

- screw: plated hardened carbon steel

Style LSS:

- screw: SAE 410 series stainless



style LS



style LSS

Band Width	Hose OD		style LS	Pkg Qty	style LSS	Pkg Qty
	from	to	Part #		Part #	
1/2"	1-1/2"	3-1/2"	LS48	10	LSS48	10
	1"	4"	LS56	10	---	--
	2"	5"	LS72	10	LSS72	10
	2-1/16"	6"	LS88	10	LSS88	10
	3-1/2"	6-9/16"	LS96	--	---	--
	1-3/4"	7"	LS104	10	LSS104	10
	1-3/4"	8-9/16"	LS128	--	LSS128	--
	2"	10"	LS152	--	---	--
	2-1/16"	12-5/16"	LS188	--	LSS188	--
	10-3/16"	14"	---	--	LSS216	--
	10-3/4"	16"	---	--	LSS248	--
	14"	20"	---	--	LSS312	--

Thumb Screw Clamps

Features:

- 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	Pkg Qty
	from	to	Part #	
5/16"	1/4"	5/8"	MH4Y	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

Features:

- 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
- heat treated screws have buttress thread type
- safety collar or thumb screw available on the style 200 series only
- maximum recommended torque 50 in. lbs.
- **all clamps sold 10 per box**



• 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.

Style 100:

- band and housing: 300 SS
- screw: plated carbon steel

Style 200:

- band and housing: 300 SS
- screw: 410 stainless steel

Style 300:

- band and housing: 302 SS
- screw: 305 stainless steel

Band Width	Hose OD		Style 100	Style 200	Style 300	Pkg Qty
	from	to	Part #	Part #	Part #	
9/16"	7/16"	25/32"	10006	20006	30006	10
	1/2"	29/32"	10008	20008	30008	10
	9/16"	1-1/16"	10010	20010	30010	10
	11/16"	1-1/4"	10012	20012	30012	10
	13/16"	1-1/2"	10016	20016	30016	10
	13/16"	1-3/4"	10020	20020	30020	10
	1-1/16"	2"	10024	20024	30024	10
	1-5/16"	2-1/4"	10028	20028	30028	10
	1-9/16"	2-1/2"	10032	20032	30032	10
	1-13/16"	2-3/4"	10036	20036	30036	10
	1-1/16"	3"	10040	20040	30040	10
	2-5/16"	3-1/4"	10044	20044	30044	10
	2-9/16"	3-1/2"	10048	20048	30048	10
	2-13/16"	3-3/4"	10052	20052	30052	10
	3-1/16"	4"	10056	20056	30056	10
	3-5/16"	4-1/4"	10060	20060	30060	10



style 100



style 200



style 300

Aero-Seal® Liner Clamps

Features:

- The integral extension of the band as a liner (no rivets or welds) protects soft surface hose (silicone and others) from damage caused by extrusion or shearing through the band slots.
- screw design: 5/16 hex slotted hex head
- **all clamps sold 10 per box**
- band, saddle, housing: stainless steel

Style DL:

- screw: plated carbon steel

Style DLS:

- screw: 410 stainless steel

Band Width	Hose OD		style DL	Pkg Qty	style DLS	Pkg Qty
	from	to	Part #		Part #	
1/2"	7/16"	25/32"	DL9206	10	DLS9406	10
	1/2"	29/32"	DL9208	10	DLS9408	10
	9/16"	1-1/16"	DL9210	10	DLS9410	10
	11/16"	1-1/4"	DL9212	10	DLS9412	10
	13/16"	1-1/2"	DL9216	10	DLS9416	10
	13/16"	1-3/4"	DL9220	10	DLS9420	10
	1-1/16"	2"	DL9224	10	DLS9424	10
	1-5/16"	2-1/4"	DL9228	10	DLS9428	10
	1-9/16"	2-1/2"	DL9232	10	DLS9432	10
	1-13/16"	2-3/4"	DL9236	10	DLS9436	10
	2-1/16"	3"	DL9240	10	DLS9440	10
	2-5/16"	3-1/4"	DL9244	10	DLS9444	10
	2-9/16"	3-1/2"	DL9248	10	DLS9448	10



style DLS

HTM Hi Torque Clamps

Features:

- 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

Materials:

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

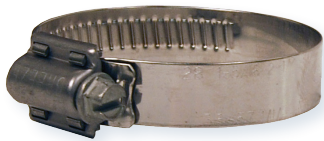


style HTM

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

extended range sizes

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



style HP

Constant Torque Clamps

Features:

- A patented Belleville spring mechanism permits the clamp to automatically increase or decrease its own diameter due to changes in operational or environmental temperatures.
- 3/8" hex, carbon steel screw
- 5/8" wide 304 stainless steel band

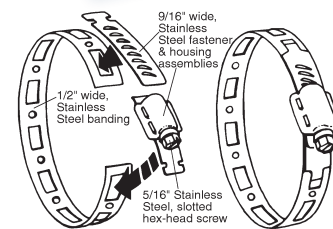
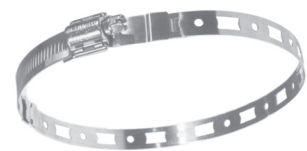


Band Width	Hose OD		Part #	Hose OD		Part #
	from	to		from	to	
5/8"	1"	1 3/4"	CT175L	5 1/4"	6 1/8"	CT600L
	1 1/4"	2 1/8"	CT200L	5 3/4"	6 5/8"	CT650L
	1 3/4"	2 5/8"	CT250L	6 1/4"	7 1/8"	CT700L
	2 1/4"	3 1/8"	CT300L	6 3/4"	7 5/8"	CT750L
	2 3/4"	3 5/8"	CT350L	7 1/4"	8 1/8"	CT800L
	3 1/4"	4 1/8"	CT400L	7 3/4"	8 5/8"	CT850L
	3 3/4"	4 5/8"	CT450L	8 1/4"	9 1/8"	CT900L
	4 1/4"	5 1/8"	CT500L	8 3/4"	9 5/8"	CT950L
	4 3/4"	5 5/8"	CT550L	--	--	--

Make-A-Clamp Kits

Features:

- 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

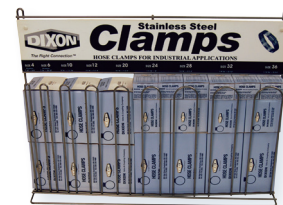


Contents	Stainless Steel Part #
mini kit: 8 1/2' band, 3 adjustable fasteners, 1 band splice	4000
kit with 100' band, 25 adjustable fasteners, 10 band splices	4001
kit with 50' band, 10 adjustable fasteners, 5 band splices	4002
box with 10 adjustable fasteners: priced per box	4004
box with 100' band,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

Features:

- 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"
- Clamps included are:
 - 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

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 Association for Rubber Products Manufacturer's (ARPM) recommendations and be inspected regularly (before each use) to ensure that they are not damaged or have become loose. Visit ARPMINC.com 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, founded in 1916, is a premier manufacturer and supplier of hose couplings, valves, dry-disconnects, swivels, and other fluid transfer and control products. The company's global reach includes a wide range of products for numerous industries including petroleum exploration, refining, transportation, chemical processing, food & beverage, steel, fire protection, construction, mining and manufacturing. Dixon's strategic objective is to create solutions that make products safer, leak-free, longer lasting, and always available.

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