

Worm Gear Clamps





HS STYLE CLAMPS

Diameter Range

	From:	To:	Part #	Master *
1/2" Band Width	7/16"	25/32"	HS6	200
	1/2"	29/32"	HS8	200
	9/16"	1 1/16"	HS10	500
	11/16"	1 1/4"	HS12	500
	13/16"	1 1/2"	HS16	500
	13/16"	1 3/4"	HS20	500
	1 1/16"	2"	HS24	500
	1 5/16"	2 1/4"	HS28	500
	1 9/16"	2 1/2"	HS32	500
	1 13/16"	2 3/4"	HS36	500
9/16" Band Width	2 1/16"	3"	HS40	200
	2 5/16"	3 1/4"	HS44	200
	2 9/16"	3 1/2"	HS48	200
	2 13/16"	3 3/4"	HS52	200
	3 1/16"	4"	HS56	200
	3 5/16"	4 1/4"	HS60	200
	3 9/16"	4 1/2"	HS64	200
	1 7/8"	5"	HS72	100
	2 1/2"	5 1/2"	HS80	100
	3 1/8"	6"	HS88	100
	3 5/8"	6 1/2"	HS96	100
	4 1/8"	7"	HS104	100
	5 5/8"	8 1/2"	HS128	100
	7 1/8"	10"	HS152	100
	9 3/8"	12 1/4"	HS188	100
	10 1/8"	13"	HS200	100
	10 7/8"	13 3/4"	HS212	100
11 5/8"	14 1/2"	HS224	100	
12 3/8"	15 1/4"	HS236	100	
13 1/8"	16"	HS248	100	
17 1/8"	20"	HS312	100	

- Combination 5/16" hexagon and screwdriver slotted screw
- SAE 300 Series Stainless band and housing
- SAE 1018 case-hardened Steel, Zinc plated and Chromate dip screw
- Four piece construction

This clamp meets old Mil Spec WW-C-440B, which has been cancelled. The new governing spec for hose clamps is SAE J1508. **Maximum Recommended Torque 30 in. lbs.**

* All clamps sold 10 per box

HSS STYLE CLAMPS

Diameter Range

	From:	To:	Part #	Master *
1/2" Band Width	7/16"	25/32"	HSS6	200
	1/2"	29/32"	HSS8	200
	9/16"	1 1/16"	HSS10	500
	11/16"	1 1/4"	HSS12	500
	13/16"	1 1/2"	HSS16	500
	13/16"	1 3/4"	HSS20	500
	1 1/16"	2"	HSS24	500
	1 5/16"	2 1/4"	HSS28	500
	1 9/16"	2 1/2"	HSS32	500
	1 13/16"	2 3/4"	HSS36	500
9/16" Band Width	2 1/16"	3"	HSS40	200
	2 5/16"	3 1/4"	HSS44	200
	2 9/16"	3 1/2"	HSS48	200
	2 13/16"	3 3/4"	HSS52	200
	3 1/16"	4"	HSS56	200
	3 5/16"	4 1/4"	HSS60	200
	3 9/16"	4 1/2"	HSS64	200
	1 7/8"	5"	HSS72	100
	2 1/2"	5 1/2"	HSS80	100
	3 1/8"	6"	HSS88	100
	3 5/8"	6 1/2"	HSS96	100
	4 1/8"	7"	HSS104	100
	5 5/8"	8 1/2"	HSS128	100
	7 1/8"	10"	HSS152	100
	9 3/8"	12 1/4"	HSS188	100
	10 1/8"	13"	HSS200	100
	10 7/8"	13 3/4"	HSS212	100
11 5/8"	14 1/2"	HSS224	100	
12 3/8"	15 1/4"	HSS236	100	
13 1/8"	16"	HSS248	100	
17 1/8"	20"	HSS312	100	

- All 300 Stainless construction 5/16" hexagon and screwdriver slotted screw
- Marine Grade SAE 300 Series Stainless band and housing
- SAE 305 Series Stainless screw
- Four piece construction

MINIATURE WORM GEAR CLAMPS

Style MH

- Miniature with combination 1/4" hexagon and screw driver slotted screw
- SAE 300 Series Stainless band and housing
- SAE 1018 case-hardened Steel, Zinc plated and Chromate dip screw
- 5/16" band width

Diameter Range

From:	To:	Part #	Master *
7/32"	5/8"	MH4	500
7/16"	25/32"	MH6	500
1/2"	29/32"	MH8	200
9/16"	1 1/16"	MH10	200
11/16"	1 1/4"	MH12	200
15/16"	1 1/2"	MH16	200
1 3/16"	1 3/4"	MH20	200



Maximum Torque 10 in/lbs.

* All clamps sold 10 per box

Style MAH

- Miniature all Stainless construction with combination 1/4" hexagon and screwdriver slotted screw
- Marine Grade SAE 300 Series Stainless band and housing
- SAE 305 Stainless screw
- 5/16" band width

Diameter Range

From:	To:	Part #	Master *
7/32"	5/8"	MAH4	500
7/16"	25/32"	MAH6	500
1/2"	29/32"	MAH8	200
9/16"	1 1/16"	MAH10	200
11/16"	1 1/4"	MAH12	200
15/16"	1 1/2"	MAH16	200
1 3/16"	1 3/4"	MAH20	200



EURO-SEAL™ EMBOSSED WORM GEAR CLAMP

- Internally embossed perforations eliminate hose damage of soft cover hoses and extrusion through band slots.
- Rounded band edge protects hose surface.
- Smooth housing underside ensures greater concentricity.
- Marine Grade ES 300 Series Stainless Steel band, saddle and housing with a Carbon Steel plated screw.
- Marine Grade ESS 300 Series Stainless Steel, band, saddle and housing with 316 Stainless Steel screw.
- 7 mm slotted hex head screw
- Fasten with 9/32 socket
- Can be used in place of liner clamps.



Sold 10 per box.

Maximum Recommended Torque Rating 60 in/lbs.

Diameter Range		Carbon Steel Screw	316 Stainless Steel Screw
From:	To:	Part #	Part #
7/16"	25/32"	ES6	ESS6
1/2"	29/32"	ES8	ESS8
9/16"	1 1/16"	ES10	ESS10
11/16"	1 1/4"	ES12	ESS12
13/16"	1 1/2"	ES16	ESS16
13/16"	1 3/4"	ES20	ESS20
1 1/16"	2"	ES24	ESS24
1 5/16"	2 1/4"	ES28	ESS28
1 9/16"	2 1/2"	ES32	ESS32
1 13/16"	2 3/4"	ES36	ESS36
2 1/16"	3"	ES40	ESS40
2 5/16"	3 1/4"	ES44	ESS44
2 9/16"	3 1/2"	ES48	ESS48

LS TYPE - Quick Release Clamp

- 301 Stainless Steel housing and band
- Plated hardened Carbon Steel screw

Diameter Range

From:	To:	Part #
1 1/2"	3 1/2"	LS48*
1"	4"	LS56*
2"	5"	LS72*
2 1/16"	6"	LS88*
3 1/2"	6 9/16"	LS96
1 3/4"	7"	LS104*
1 3/4"	8 9/16"	LS128
2"	10"	LS152
2 1/16"	12 5/16"	LS188



* Sold 10 per box.

Maximum Recommended Torque 30 in/lbs.

LSS TYPE - Quick Release Clamp

- 301 Stainless band and housing with SAE 410 Series Stainless screw.
- 1/2" band width

Diameter Range

From:	To:	Part #
1 1/2"	3 1/2"	LSS48*
2"	5"	LSS72*
2 1/16"	6"	LSS88*
1 3/4"	7"	LSS104*
1 3/4"	8 9/16"	LSS128
2 1/16"	12 5/16"	LSS188
10 3/16"	14"	LSS216
1 3/4"	16"	LSS248

Sold 10 per box.

AERO-SEAL CLAMP

4-PIECE CONSTRUCTION

Band, saddle housing, and screw.

FULL 9/16" WIDE BANDS

300-Series Stainless Steel, with a finished edge to protect nose.

"ARCIAL" BAND SLOTS

Arched on one side for strength, flat on bearing side for strength and smooth action.

BUTTRESS-THREAD, HEAT TREATED SCREWS

Flat, non-tapered threads bear at right angles to band slots on loaded side; won't jump out. Sloping buttress shape reinforces unloaded side.

CLINCHED SADDLE & HOUSING

No spot welds to corrode or break. Saddle interlocks into embossed band to form a true concentric circle. There are no lumps, no humps, no excessive pressure points, providing higher sealing pressure with lower torque on screw. Heavy-gauge housing is clinched on 4 corners to interlocked saddle, permitting higher torque capabilities than any 3-piece clamp. Also available with safety collared or thumb screw.

Maximum Recommended Torque - 50 in/lbs.



Diameter Range		Plated Carbon Steel Screw	No. 410 Stainless Steel Screw	SS High Corrosion Resistance
From:	To:	Part #	Part #	Part #
7/16"	25/32"	10006	20006	30006
1/2"	29/32"	10008	20008	30008
9/16"	1 1/16"	10010	20010	30010
11/16"	1 1/4"	10012	20012	30012
13/16"	1 1/2"	10016	20016	30016
13/16"	1 3/4"	10020	20020	30020
1 1/16"	2"	10024	20024	30024
1 5/16"	2 1/4"	10028	20028	30028
1 9/16"	2 1/2"	10032	20032	30032
1 13/16"	2 3/4"	10036	20036	30036
2 1/16"	3"	10040	20040	30040
2 5/16"	3 1/4"	10044	20044	30044
2 9/16"	3 1/2"	10048	20048	30048
2 13/16"	3 3/4"	10052	20052	30052
3 1/16"	4"	10056	20056	30056
3 5/16"	4 1/4"	10060	20060	30060

HOSE COUPLING 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.

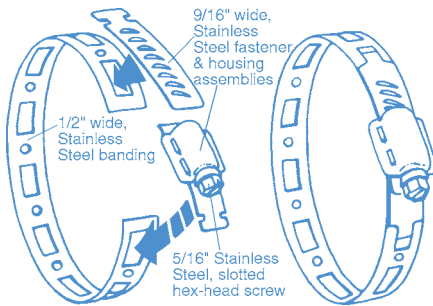
Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices such as safety clips or safety cables are recommended. If any problem is detected, couplings must be removed from service immediately.

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. Dixon can be contacted at 1-800-355-1991.



Make-A-Clamp

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 301 Stainless Steel worm-driven clamp from 2" diameter and up. A must for anyone likely to encounter requirements for varying sized large clamps. 1/2" band width, .023 thickness. Reusable.



Part #	Contents
4000	Retail kit; 8 1/2 Ft. band, 3 adj. fasteners, 1 band splice.
4001	Kit with 100 Ft. band, 25 adj. fasteners, 10 band splices.
4002	Kit with 50 Ft. band, 10 adj. fasteners, 5 band splices.
4004	Adj. fastener. Priced per box. Shipped 10 fasteners per box.
4005	Box with 100 Ft. band, 10 band splices.
4006	Box with 50 Ft. band, 5 band splices.
4007	6" demonstrator kit with clamps.
4008	Priced per box. Shipped 10 band splices per box.



HTM Hi Torque Clamps

Withstands more than 4 times the SAE torque requirements for worm-driven clamps. 5/8" wide 302/304 half hard Stainless Steel band. Eight screw-threads are engaged in the band simultaneously for incredible torquing drive (**over 200 in. lbs.**), sealing pressure, and vibration resistance. 410 Stainless Steel screw.



EXTENDED RANGE CLAMPS

Diameters

From:	To:	Part #
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

Diameters

From:	To:	Part #
1 1/4"	2 1/8"	HTM200
1 3/4"	2 5/8"	HTM250
2 1/4"	3 1/8"	HTM300
2 3/4"	3 5/8"	HTM350
3 1/4"	4 1/8"	HTM400
3 3/4"	4 5/8"	HTM450
4 1/4"	5 1/8"	HTM500
4 3/4"	5 5/8"	HTM550
5 1/4"	6 1/8"	HTM600
5 3/4"	6 5/8"	HTM650
6 1/4"	7 1/8"	HTM700
6 3/4"	7 5/8"	HTM750
7 1/4"	8 1/8"	HTM800
7 3/4"	8 5/8"	HTM850
8 1/4"	9 1/8"	HTM900

Dixon Racks for Worm Gear Clamps

Top-load metal rack made of Nickel Plated Steel rods with enameled Steel sign for quick and easy clamp selection. Rack with clamps contain seven sizes of clamps with diameter ranges from 7/32" to 2-3/4". Sign identifies each clamp size and diameter range.



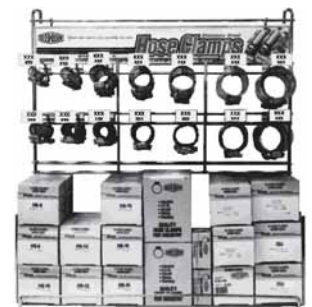
Qty. Ea.	Size
40	MH4
40	MH6
30	HS10
30	HS12
20	HS20
20	HS28
20	HS36

CRWC	With 200 Clamps
CR	Without Clamps

Front-load metal rack made of Stainless Steel rods. Rack with clamps contains 14 sizes of clamps with diameter ranges from 7/32" to 2-1/4".

Qty. Ea.	Size	Qty. Ea.	Size
60	MH4	30	HS24
20	MH6	10	HS28
50	HS8	40	ES12
50	HS10	40	ES16
50	HS12	30	ES20
50	HS16	30	ES24
30	HS20	10	ES28

CRLWC	With 500 Clamps
CRL	Without Clamps



Dixon Valve & Coupling
800 High Street
Chestertown, MD 21620
Phone: 800-355-1991
Fax: 800-283-4966
www.dixonvalve.com