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Worm Gear Clamps

Dixon® Worm Gear Clamps

Size

- Screw design: 5/16" slotted hex head

Features

- Four-piece construction
- Maximum recommended torque 50 in. lbs.
- All clamps sold 10 per box

Materials

- Band and housing: SAE 300-series stainless
- Screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel
- Band and housing: SAE 300-series stainless
- Screw: SAE 300-series stainless

Approval

- Meets SAEJ1508 which supersedes Mil Spec WW-C-440B

Band Width	Hose O.D.		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	



style HSS

Miniature Worm Gear Clamps

Size

- Screw design: 1/4" slotted hex head

Features

- Maximum recommended torque 15 in. lbs.
- All clamps sold 10 per box

Materials

- Band and housing: SAE 300-series stainless
- Screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel
- Band and housing: SAE 300-series stainless
- Screw: SAE 300-series stainless

Approval

- Meets SAE J1508

Band Width	Hose O.D.		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



style MH

NOTE: 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.

Aero-Seal® Worm Gear Clamps

Size

- Screw design: 5/16" slotted hex head

Features

- Four-piece construction
- Band slots designed for strength and smooth action
- Heat treated screws have buttress thread type
- Safety collar or thumb screw available on the style 200-series only
- Suggested installation torque 30-42 in. lbs.; maximum recommended torque 60 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 

Materials

Style 100

- Band and housing: 300 stainless steel
- Screw: plated carbon steel

Style 200

- Band and housing: 300 stainless steel
- Screw: 410 stainless steel

Style 300

- Band and housing: 300 stainless steel
- Screw: 305 stainless steel

Approval

- Meets SAE J1508 type "F"



style 300

Band Width	Hose O.D.		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
	2-1/16"	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

Marine Grade Worm Gear Clamps

Size

- Screw design: 5/16" slotted hex head

Features

- Three-piece construction
- Suggested installation torque 30-42 in. lbs.; maximum recommended torque 60 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 

Material

- 316 stainless steel marine grade: band, screw, housing

Approval

- Meets SAEJ1508 which supersedes Mil Spec WW-C-440B



Band Width	Hose O.D.		316 Stainless Steel
	from	to	Part #
1/2"	3/8"	7/8"	MGC6
	7/16"	1"	MGC8
	9/16"	1-1/16"	MGC10
	9/16"	1-5/16"	MGC12
	11/16"	1-1/2"	MGC16
	3/4"	1-3/4"	MGC20
	1-1/16"	2"	MGC24
	1-5/16"	2-1/4"	MGC28
	1-9/16"	2-1/2"	MGC32
	1-13/16"	2-3/4"	MGC36
	2-11/16"	3"	MGC40
	2-5/16"	3-1/4"	MGC44
	2-9/16"	3-1/2"	MGC48
	2-13/16"	3-3/4"	MGC52
	3-1/16"	4"	MGC56
	2-1/2"	4-1/2"	MGC64
	3-1/16"	5"	MGC72
	3-1/2"	5-1/2"	MGC80
4-3/32"	6"	MGC88	
4-1/2"	6-1/2"	MGC96	
5"	7"	MGC104	

Aero-Seal® Liner Worm Gear Clamps

Size

- Screw design: 5/16" hex slotted hex head

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
- All clamps sold 10 per box

Materials

- Band, saddle, housing: stainless steel Style DL
- Screw: plated carbon steel Style DLS
- Screw: 410 stainless steel

Band Width	Hose O.D.		Style DL Part #	Pkg Qty	Style DLS Part #	Pkg Qty
	from	to				
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

WaveSeal Clamps

Application

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

Size

- 5/16" head screw

Features

- Produces a sealing O-ring effect that prevents leakage
- Suggested installation torque 50-70 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



Materials

- Band: 300 stainless steel
- Liner and housing: 300 stainless steel
- Screw: 410 stainless steel

Band Width	Hose O.D.		Part #	Pkg Qty
	from	to		
9/16"	1-3/32"	1-5/16"	WSS16	10
	1-1/8"	1-1/2"	WSS19	10
	1-1/8"	1-9/16"	WSS20	10
	1-7/16"	1-11/16"	WSS22	10
	1-1/2"	1-13/16"	WSS24	10
	1-3/4"	2-1/16"	WSS28	10
	1-15/16"	2-5/16"	WSS32	10
	2"	2-7/16"	WSS34	10
	2-1/8"	2-9/16"	WSS36	10
	2-5/16"	2-13/16"	WSS40	10
	2-1/2"	3-1/16"	WSS44	10
	2-11/16"	3-5/16"	WSS48	10
	2-7/8"	3-9/16"	WSS52	10
	3-1/16"	3-13/16"	WSS56	10
	3-1/4"	4-1/16"	WSS60	10
	3-7/16"	4-5/16"	WSS64	10
	3-3/4"	4-13/16"	WSS72	10
	4-3/16"	5-5/16"	WSS80	10
	4-1/2"	5-13/16"	WSS88	10



Constant Torque Worm Gear Clamps

Feature

- A patented Belleville spring mechanism permits the clamp to automatically increase or decrease its own diameter due to changes in operational or environmental temperatures

Materials

- Screw: 3/8" hex, carbon steel
- Band: 5/8" wide, 300 stainless steel



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

HTM Hi Torque Worm Gear 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 90 in. lbs.), sealing pressure, and vibration resistance
- Slotted hex head screw design
- 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 

Materials

- Band and housing: 300-series half-hard stainless¹
- Screw: 410 stainless steel



style HTM



style HP

Band Width	Hose O.D.		Stainless Steel Part #
	from	to	
5/8"	1-1/4"	2-1/8"	HTM200
	1-1/4"	2-5/8"	HP2 ¹
	1-3/4"	2-5/8"	HTM250
	2-1/8"	4-1/8"	HP3 ¹
	2-1/4"	3-1/8"	HTM300
	2-3/4"	3-5/8"	HTM350
	3-1/2"	4-1/8"	HTM400
	3-3/4"	4-5/8"	HTM450
	4"	6-1/8"	HP4 ¹
	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
	6-1/8"	9-1/8"	HP5 ¹
	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

¹ Extended hose O.D. range

Worm Gear Clamps

Assorted Clamps

Features

- Resealable bag of 10 pieces
- Contains:
 - 2 - Micro-Gear® Size 4
 - 1 - Hy-Gear® Size 6
 - 3 - Hy-Gear Size 12
 - 3 - Hy-Gear Size 20
 - 1 - Hy-Gear Size 36

Approval

- Uniform Plumber Code (UPC), certified (1/2" Hy-Gear clamps)



Hose O.D.		Stainless Steel Part #
from	to	
1/4"	2-3/4"	MGC-10PC

Dixon® Worm Gear Clamp Racks

Size

- Rack with clamps contains (9) clamp sizes with diameter ranges from 7/32" - 2-3/4"

Features

- Sign identifies each clamp size and diameter range
- CRWC, 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

Materials

- Top load metal rack made of nickel plated steel rods with enameled steel sign

Description	Part #
with 200 clamps	CRWC
without clamps	CR

19-Piece Assortment Pack

Applications

- Applications include plumbing, industrial, marine, hardware, automotive, and household use

Features

- Reusable plastic case for easy identification and organization
- Contains:

<ul style="list-style-type: none"> 5/16" band includes: <ul style="list-style-type: none"> 6 pcs of 5/16"-5/8" O.D. 4 pcs of 5/16"-7/8" O.D. 2 pcs of 7/16"-1" O.D. 	<ul style="list-style-type: none"> 1/2" band includes: <ul style="list-style-type: none"> 2 pcs of 1/2"-1-1/6" O.D. 2 pcs of 1/2"-1-1/4" O.D. 1 pc of 3/4"-1-1/4" O.D. 1 pc of 1-1/4"-2-1/4" O.D. 1 pc 3/4"- 2-3/4" O.D.
--	---

Specifications

- SAE Sizes 4, 6, 8, 10, 12, 20, 28, 36
- Corrosion-resistant with all 300-series stainless steel construction



HCVP-19

Description	Part #
19-piece assortment clamp pack	HCVP-19

Quick-Release Worm Gear Clamps

Size

- Screw design: 5/16" slotted hex head

Features

- Suggested installation torque 25-35 in. lbs., maximum recommended torque 50 in. lbs.
- 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



Materials

- Band and housing: 201-series stainless
- Style LS Screw: plated hardened carbon steel
- Style LSS Screw: SAE 410-series stainless



style LS



style LSS

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

Worm Gear Make-A-Clamp Kits

Application

- 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 2" diameter and up, perfect for applications requiring varying sized large clamps

Sizes

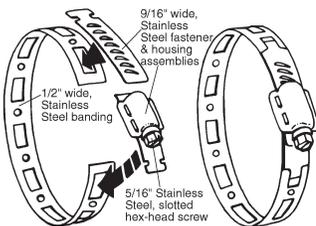
- Band width: 1/2"
- Band thickness: .023"
- Screw design: 5/16" slotted hex head

Feature

- Reusable

Materials

- Band and housing material: 300 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

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