

General Purpose Perforated Worm-Gear Hose Clamps

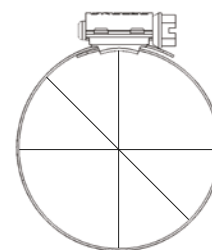
Breeze Power-Seal®

General purpose automotive and industrial clamps. High strength 4-piece Quadra-Lock construction. Exceeds all SAE requirements. Use for all standard clamp applications.

1/2" (12.7 mm) band

5/16" (7.9 mm) slotted hex head screw

Per SAE standard J1508 Type "F"



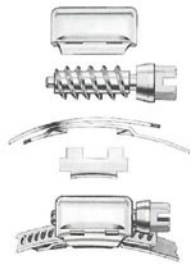
SAE Size	EFFECTIVE DIAMETER RANGE				PART NUMBERS			
	Min.		Max.		Plated Hex Screw	410 SS Hex Screw	300 SS Hex Screw	All 316 SS
	in.	mm	in.	mm				
6	7/16	11	25/32	20	62006	64006	63006	66006
8	1/2	13	29/32	23	62008	64008	63008	66008
10	9/16	14	1-1/16	27	62010	64010	63010	66010
12	11/16	17	1-1/4	32	62012	64012	63012	66012
16	13/16	21	1-1/2	38	62016	64016	63016	66016
20	13/16	21	1-3/4	44	62020	64020	63020	66020
24	1-1/16	27	2	51	62024	64024	63024	66024
28	1-5/16	33	2-1/4	57	62028	64028	63028	66028
32	1-9/16	40	2-1/2	64	62032	64032	63032	66032
36	1-13/16	46	2-3/4	70	62036	64036	63036	66036
40	2-1/16	52	3	76	62040	64040	63040	66040
44	2-5/16	59	3-1/4	83	62044	64044	63044	66044
48	2-9/16	65	3-1/2	89	62048	64048	63048	66048
52	2-13/16	71	3-3/4	95	62052	64052	63052	66052
56	3-1/16	78	4	102	62056	64056	63056	66056
60	3-5/16	84	4-1/4	108	62060	64060	63060	66060
64	3-9/16	91	4-1/2	114	62064	64064	63064	66064
72	1-7/8	48	5	127	62072	64072	63072	66072
80	2-1/2	64	5-1/2	140	62080	64080	63080	66080
88	3-1/8	79	6	152	62088	64088	63088	66088
96	3-5/8	92	6-1/2	165	62096	64096	63096	66096
104	4-1/8	105	7	178	62104	64104	63104	66104

BREEZE POWER-SEAL WORM DRIVE HOSE CLAMPS

“The quality choice of demanding professionals”

The BREEZE worm-gear clamp with heavy duty 4-piece Quadra-lock construction are designed for use in general-purpose, industrial & automotive applications. The BREEZE Quadra-lock clamp is a significant upgrade from common 3 piece SAE worm-gear designs, delivering the ultimate in quality & value.

- BREEZE Stainless Steel 4 piece housing design



Quadra-Lock – 4 pieces locked together provide strength and stability
 300 series stainless housing and saddle ‘clinched’ at 4 points virtually eliminates housing ‘lift’ and ‘twist’
 Saddle interlocks into band for even greater strength

- Breeze Screws



Buttressed screw thread reinforced for extra strength and smoother engagement
 More threads per screw and increased torque strength
 Thicker, stronger shaft
 Shoulder prevents jamming into housing

- Breeze Stainless Steel Bands
- Breeze Circumferential Pressures



Arcial Slots – More steel between perforations for added strength and smoother worm-gear engagement
 Concave band seals from centre to outside resulting in a uniform seal



QC'd to comply with military std. specs for circumferential pressure without leakage
 Even distribution of sealing pressure with no excessive pressure points
 Higher sealing pressure with lower applied torque

“ In Every Comparison, BREEZE Delivers the Best Clamps in the Business”

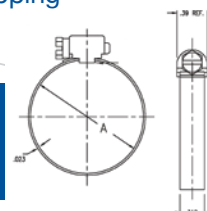
TECHNICAL FACTS:

- Exceeds SAE J1508 Specifications
- High Clamping Force
- High destruction torque
- Low idle torque
- Made in USA
- 3 material Grades
- OEM Approved & Fleet Specified

MINIATURES:

- Compact streamlined design for fuel, air and transmission hose lines.
- Slotted 1/4” Hex head screw with screwdriver slot installs easily with flexidriver or virtually any screwdriver.
- 5/16” bandwidth created higher sealing pressure with lower applied installation torque
- High quality Stainless Steel bands and housings for durability
- Arcial slots in band provide added strength against stripping
- Exceeds SAE J 1508 specification.

Nominal Installation Torque
 Recommendations: 15 in-lb (1.7Nm)
 Recommended speed <200 RPM

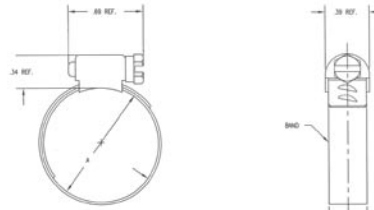


MINIATURES: EFI LINER CLAMPS

- All the features of the Miniature clamps as detailed
- Extended internal liner to cover the clamp band slots, protecting the hose surface and to avoid extrusion of soft EFI/Fuel hose when tightening the clamp.

Nominal Installation Torque

Recommendations: 15 in-lb (1.7Nm)
Recommended speed <200 RPM

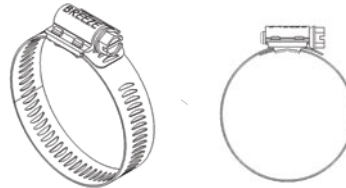


FULL SIZE POWER-SEAL Quadra-Lock

- Design features heavy-duty four-piece, industrial-aircraft construction.
- Housing is clinched at 4 points for extra strength and stability enabling clamp to resist twist and housing tilt common during installation.
- Stainless Steel Bands, housings and saddles for ultimate durability is a BREEZE standard.
- Arcial slots give added strength against stripping
- Reinforced buttresses screw threads coupled with the arcial band slots create smooth, positive worm gear engagement
- Five screw threads engage in the band – more than any other brand- for increased torque strength
- 5/16" Hex headed screw with blade driver slot for ease of installation
- Smooth housing underside ensures more even distribution of sealing pressure.
- Exceeds SAE J 1508 specifications

Nominal Installation Torque

Recommendations: 15 in-lb (5 Nm)
Recommended speed <200 RPM



Material Grades:

W2 - Stainless Steel Band & Housing with plated screw.
Series 3 500, 62000

W3 - All Stainless Steel 410 series series 3600, 63000,

W4 - All Stainless Steel Marine grade 300 series 3700, 63000

Fits Hose I.D. Std. 3/16" Wall	Popularity
Best fit	
5/16"	A
3/8	A
3/8"	C
1/2	C
5/8	A
3/4	A
1	B
1-1/4	A
1-1/2	B
1-3/4	A
2	B
2-1/4	A
2-1/2	C
2-3/4	C
3	C
3-1/4	C
3-1/2	C
3-3/4	C
4	C
4-1/2	C
5	D
5-1/2	D
6	D
6-1/2	D

* Larger sizes available