

## General Purpose Perforated Worm-Gear Hose Clamps

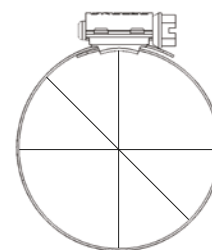
### Breeze Power-Seal®

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"



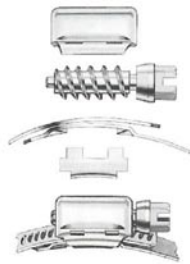
| SAE Size | EFFECTIVE DIAMETER RANGE |     |        |     | PART NUMBERS     |                  |                  |            |
|----------|--------------------------|-----|--------|-----|------------------|------------------|------------------|------------|
|          | Min.                     |     | 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”

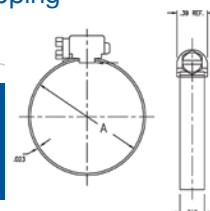
## TECHNICAL FACTS:

- 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.

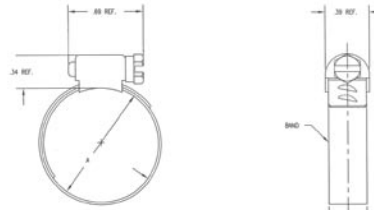
Nominal Installation Torque  
 Recommendations: 15 in-lb (1.7Nm)  
 Recommended speed <200 RPM



## 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.

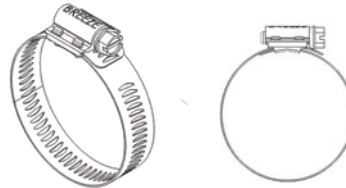
**Nominal Installation Torque**  
**Recommendations: 15 in-lb (1.7Nm)**  
**Recommended speed <200 RPM**



## 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.<br>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