

# BREEZE® Super-Seal Worm-Drive Clamps

BREEZE's 70 year history of innovation continues with the next generation of constant tension clamps that create an superior seal for fluid handling applications utilizing EPDM or silicone hose. The high-pressure, double-bead profile offers superior leak prevention making it ideal choice for critical connections in harsh environments including turbocharger, coolant and air lines in heavy-duty commercial vehicles, construction, agriculture, aviation and marine.



## Exceptional Performance for the Most Critical Connections

BREEZE Super-Seal exceeds industry standards including:

- Increased resistance to pressure/blow-off
- Durability in corrosive environments

## Protects Hose from Rupture by Maintaining Clamp Load During Joint Contraction

Band flexes as the joint expands and contracts adjusting for temperature fluctuations and compression set of the hose

## Safe Starts Under Extreme Weather Conditions

Wide temperature range of operation from -40° F to 250° F

## Allows for Belleville Washers

When additional compensation is required

## Fast, Easy Installation

- No special tools required
- 2-beads of sealing reduces the need for double clamping



# BREEZE®

## Super-Seal Worm-Drive Clamps

**A breakthrough constant tension clamp** with dynamic compensation and superior sealing.

**1.42" – 4.64"** Diameter range

**90 in.-lbs. ±5** Recommended torque

### Competitive Advantages

- | Worm-drive closure mechanism
- | Two screw options:  
410 stainless steel or plated carbon steel
- | Patented dual-bead design
- | Super-Seal HD style clamp includes 10 belleville washers
- | High-performance compensating clamp allows use of lower cost hose material (EPDM)
- | Lightweight, reduces fuel costs

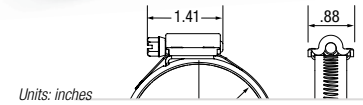
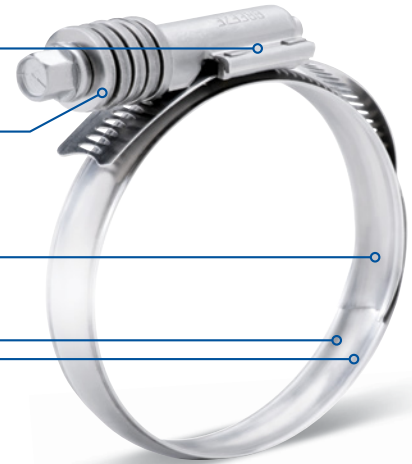


Recessed hardware means no pressure gap around the periphery, reducing the possibility of leaks

Available with or without Belleville washer springs, which can be used on hoses having higher compression-set to maintain adequate clamp load as the joint diameter contracts

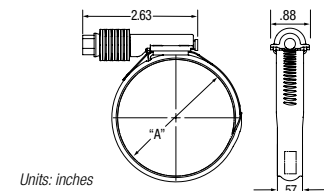
Unique band design acts as its own integral spring and liner to prevent hose deformation

Dual sealing beads with high radial load provide the highest available sealing pressure



### BREEZE Super-Seal

Zinc-Plated 5/16" Hex Screw	AISI Type 410 SS 5/16" Hex Screw	Inches (A)		Millimeters (A)	
Global NORMA PN	Global NORMA PN	Min.	Max.	Min.	Max.
0635 0006 038	0635 0004 038	1.41	1.57	36	40
0635 0002 046	0635 0000 046	1.57	2.05	40	52
0635 0002 058	0635 0000 058	2.05	2.56	52	65
0635 0002 071	0635 0000 071	2.56	3.03	65	77
0635 0002 087	0635 0000 087	3.03	3.78	77	96
0635 0002 106	0635 0000 106	3.78	4.57	96	116



### BREEZE Super-Seal Heavy-Duty

Zinc-Plated 5/16" Hex Screw	AISI Type 410 SS 5/16" Hex Screw	Inches (A)		Millimeters (A)	
Global NORMA PN	Global NORMA PN	Min.	Max.	Min.	Max.
0635 0007 038	0635 0005 038	1.41	1.57	36	40
0635 0003 046	0635 0001 046	1.57	2.05	40	52
0635 0003 058	0635 0001 058	2.05	2.56	52	65
0635 0003 071	0635 0001 071	2.56	3.03	65	77
0635 0003 087	0635 0001 087	3.03	3.78	77	96
0635 0003 106	0635 0001 106	3.78	4.57	96	116

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