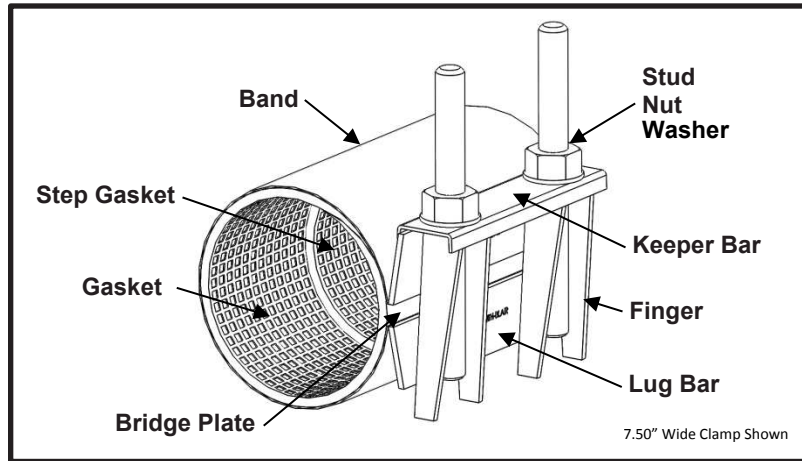


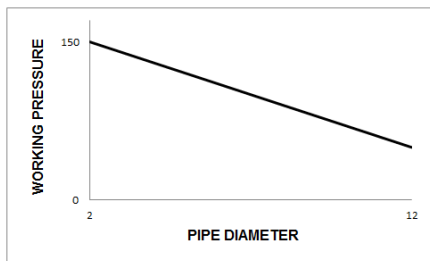
SPECIFICATION

FULL CIRCLE[®] COLLAR-LEAK REPAIR CLAMP ALL STAINLESS MODEL 269



APPLICATIONS

- **Typical Uses**
 - Repair leaking PVC solvent weld bell pipe ends (.25" maximum bell height)
 - Repair leaks at threaded Steel couplings (.25" maximum coupling height)
- **Standard Pipe Sizes**
 - 2" to 12" nominal
- **Standard Width**
 - 7.5"
- **Type of Pipe**
 - Class 160 PVC Solvent Weld Bells, Carbon Steel
- **Working Pressure**
 - Up to 150 psi depending on type of pipe, type of repair, pipe diameter, service conditions and installation workmanship



MATERIALS

- **Band**
 - 18-8 Type 304 Stainless Steel per ASTM A240
 - Band Thickness: 24 gauge thick for clamps 4.50" diameter and smaller
20 gauge thick for clamps 4.80" diameter and larger
- **Finger**
 - Type 304 Stainless Steel per ASTM A240
 - Finger Thickness: 10 gauge
 - Solution annealed for increased corrosion resistance and strength
 - Long fingers allow for up to 0.40 inches of range in clamp



SPECIFICATION

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MODEL 269

- **Lug Bar**
 - Type 304 Stainless Steel per ASTM A240
 - Lug Bar Thickness: 10 gauge
 - Solution annealed for increased corrosion resistance and strength
 - Spans entire width of clamp for uniform distribution of clamping force
- **Keeper Bar**
 - Type 304 Stainless Steel per ASTM A240
 - Keeper Bar Thickness: 14 gauge
 - Solution annealed for increased corrosion resistance and strength
 - Helps pull clamp around the pipe and closes the clamp during installation
- **Gasket**
 - Nitrile (Buna-N) per ASTM D2000
 - Gasket Thickness: 0.192" thickness for clamps 4.50" diameter and smaller
0.218" thickness for clamps 4.80" diameter and larger
 - Certified to NSF/ANSI 61-G & 372
 - Compounded to resist water, oil, natural gas, acids, alkalies, most (aliphatic) hydrocarbon fluids and many other chemicals
 - Temperature range: -20°F to +180°F
 - Full 360° gridded face gasket provides maximum pipe support, reinforcement and sealing pressure
 - Tapered ends allow for full circumferential sealing
 - Step gasket designed to compensate for the differential in the O.D. between the coupling or bell and the mating pipe (0.50" maximum O.D. differential)
 - Step gasket provides a shoulder to compress against the end of the coupling or bell to form an effective seal at the point of leak
- **Bridge Plate**
 - Type 304 Stainless Steel quarter hard per ASTM A240
 - Molded and recessed into gasket
 - Preformed for uniform distribution of gasket pressure over the entire pipe circumference
- **Stud**
 - Type 304 Stainless Steel per ASTM A276
 - Epoxy coated threads to prevent galling
 - 5/8"-11UNC x 7.00" long, Stud
 - Rolled threads for improved physical characteristics, greater thread accuracy and smooth surface finish
- **Nut**
 - Type 304 Stainless Steel GR. 8 per ASTM A194
 - Fluoropolymer coated to prevent galling
 - 5/8"-11UNC, Heavy Hex Semi-Finished
- **Washer**
 - Type 304 Stainless Steel per ASTM A240
 - 5/8" Type A Plain
- **Welding**
 - Welds accomplished using qualified welders
 - GMAW & GTAW weld process utilized
 - Welds passivated to preserve corrosion resistance



SPECIFICATION

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MODEL 269

LISTINGS

- Certified to NSF/ANSI 61-G & 372
- Meets applicable AWWA C230 standards

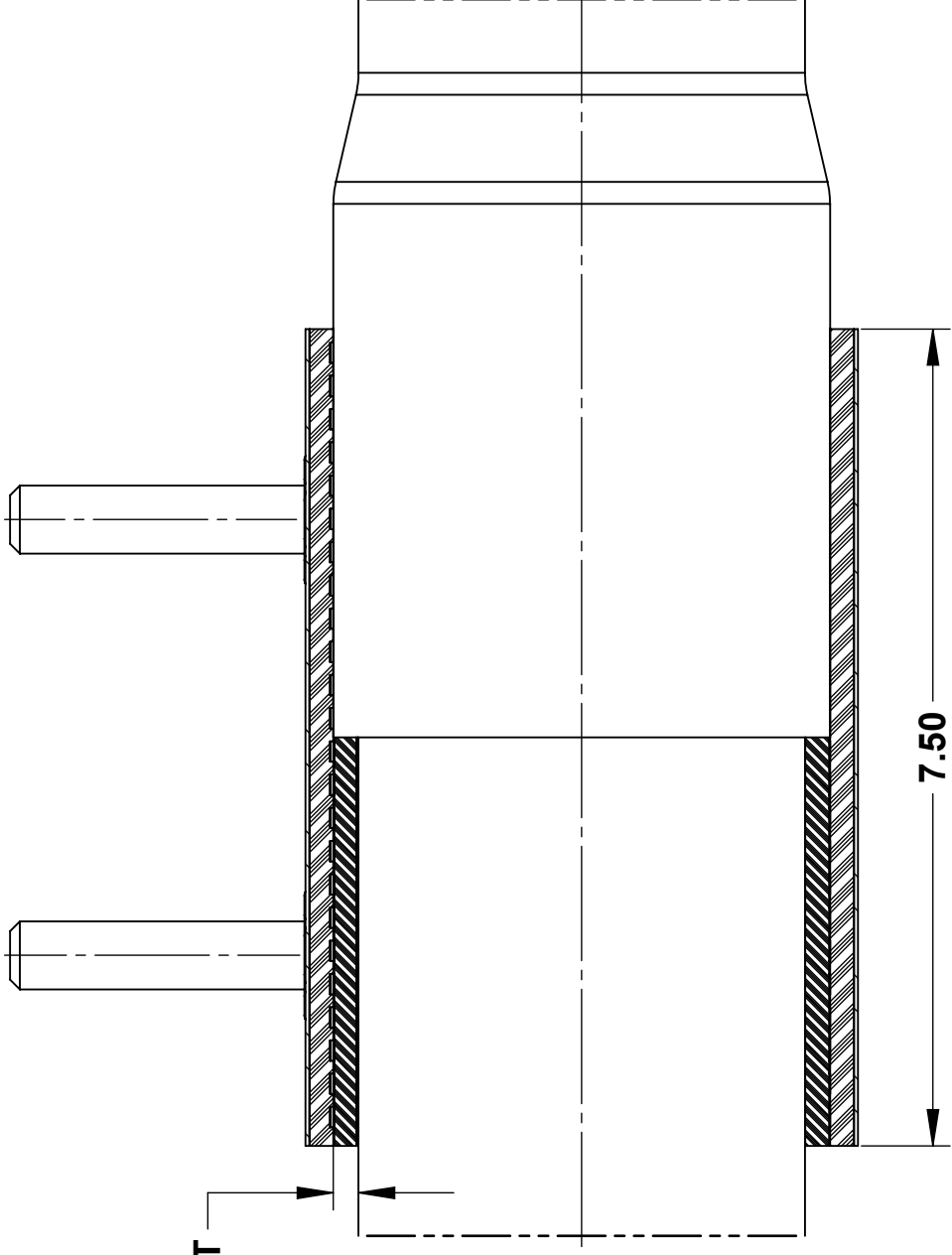
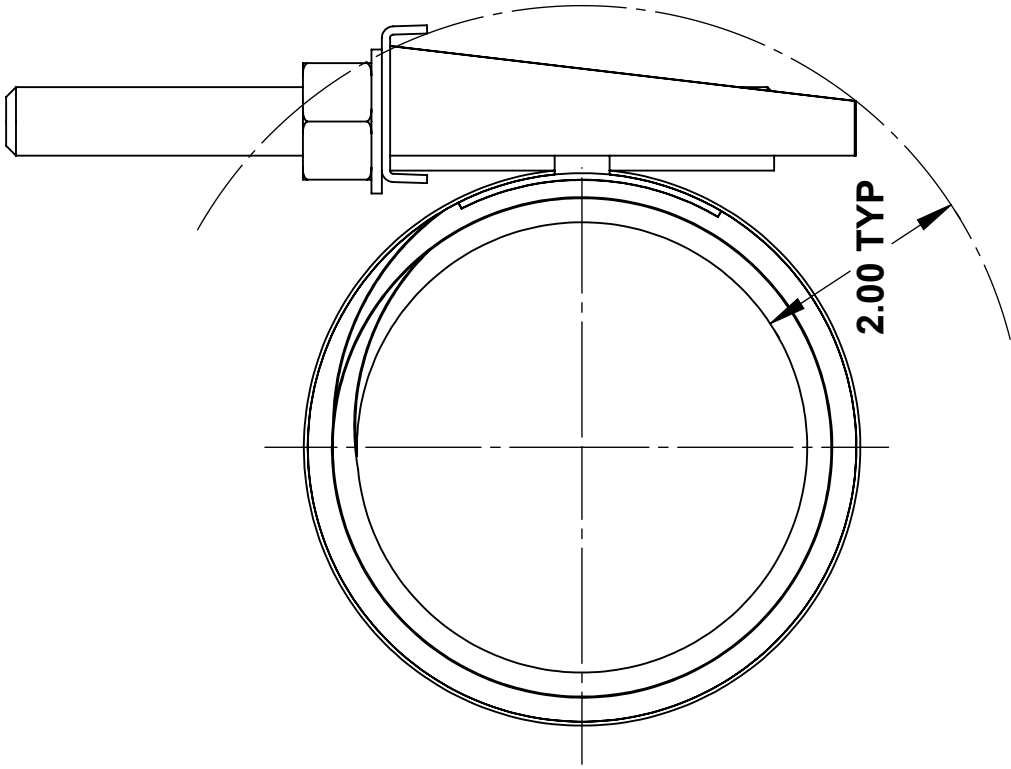
OPTIONS

- Step gasket on both ends
- Wider clamps
- Taller bell or coupling height accommodation
- Type 316 Stainless Steel band
- Type 316 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Alternative gasket material (e.g. Viton, EPDM, etc.)

NOTES

- This product **does not** restrain the pipe from pulling out of the fitting
- Full Circle[®] is a registered trademark of Smith-Blair Inc.
- These product specifications were correct at the time of publication and are subject to change without notice.
- See the Smith-Blair[®] web site for part numbers and ordering information
- See the Smith-Blair[®] web site for warranty information
- See the Smith-Blair[®] web site for corrosion warnings

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TYPICAL INSTALLATION

CERTIFIED TO NSF/ANSI 61-G & 372

NOM. PIPE SIZE	PIPE O.D.	APPROX. WEIGHT (LB)	HARDWARE			KEEPER BAR QTY.	SOCKET SIZE
			STUD QTY.	STUD SIZE	WASHER SIZE		
2	2.38	5					
2.5	2.88	5					
3	3.50	5					
3.5	4.00	6					
4	4.50	6					
5	5.56	7	2	5/8" X 7.00"	5/8"	1	1-1/16"
6	6.63	8					
8	8.63	9					
10	10.75	10					
12	12.75	11					

TOLERANCES U.N.O. XX= ±.03 XXX= ±.015 FRACTIONS= ±.015 ANGLES= ±1° MACH. FIN=	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE
	SCALE: N/A	CK'D	DATE
	ALL DIMENSIONS ARE IN INCHES.	DRN	CHD

TITLE
SPECIFICATION
FULL CIRCLE® COLLAR-LEAK REPAIR CLAMP ALL STAINLESS
MODEL 269

SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS	P/N	N/A
	DWG. NO.	SPEC_269.DRW 1 OF 1 SHEET 2/19/16 REV.