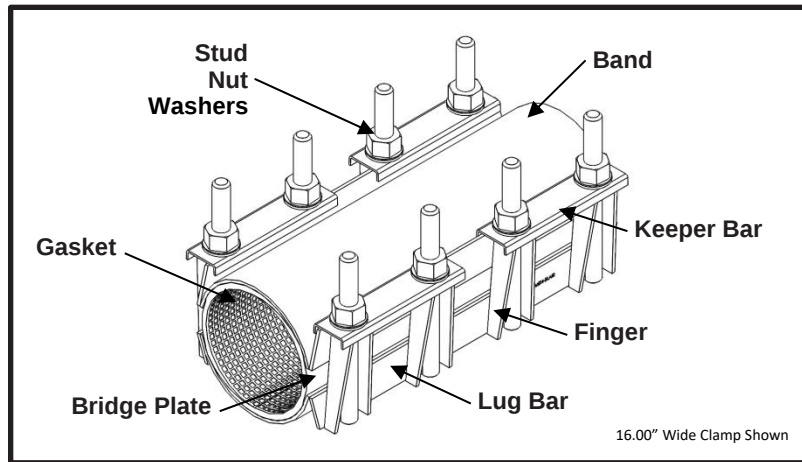


SPECIFICATION

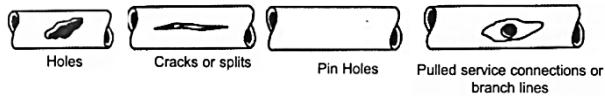
HIGH PRESSURE FULL CIRCLE® REPAIR CLAMP ALL STAINLESS MODEL 268



APPLICATIONS

Typical Uses

- Repair leaks due punctures, splits or holes (*not for full break*)
- Examples:



Standard Pipe Sizes

- 4" to 26" nominal

Standard Widths

- 12.0", 16.0", 20.0"

Type of Pipe

- Carbon Steel, Stainless Steel, Ductile Iron, PVC, HDPE DR17 or thicker (with optional spring washers), Asbestos Cement, Copper, Aluminum

Working Pressure

- 4.50"-14.56" = 200 psi
- 15.30"-17.00" = 150 psi
- 18.00"-26.60" = 100 psi

MATERIALS

Band

- Type 304 Stainless Steel per ASTM A240
- Band thickness ranges from 11 gauge to 0.25" depending on the diameter

SPECIFICATION

HIGH PRESSURE FULL CIRCLE® REPAIR CLAMP ALL STAINLESS

MODEL 268

- **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 0.80 inches of range (0.40 inches per side) in clamp
- **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: 0.250"
 - NSF/ANSI 61 and 372 certified
 - 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
- **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, 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
- **Steel Washer**
 - Type 304 Stainless Steel per ASTM A240
 - 5/8" Type A Plain
- **Nylon Washer**
 - Nylon 6/6
 - 5/8" Type A Plain
 - Located on top of Steel Washer for better transfer of bolt torque
- **Welding**
 - Welds accomplished using qualified welders
 - GMAW weld process utilized
 - Welds passivated to preserve corrosion resistance



SPECIFICATION

HIGH PRESSURE FULL CIRCLE® REPAIR CLAMP ALL STAINLESS

MODEL 268

LISTINGS

- UL certified to NSF/ANSI 61 and 372
- Meets applicable AWWA C230 standards

OPTIONS

- 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.)
- Spring washers for use of clamp on HDPE pipe
- Offset gaskets to allow for repairing longer cracks using multiple clamps
- Conductivity conductor feature
- Clamps up to 30" wide

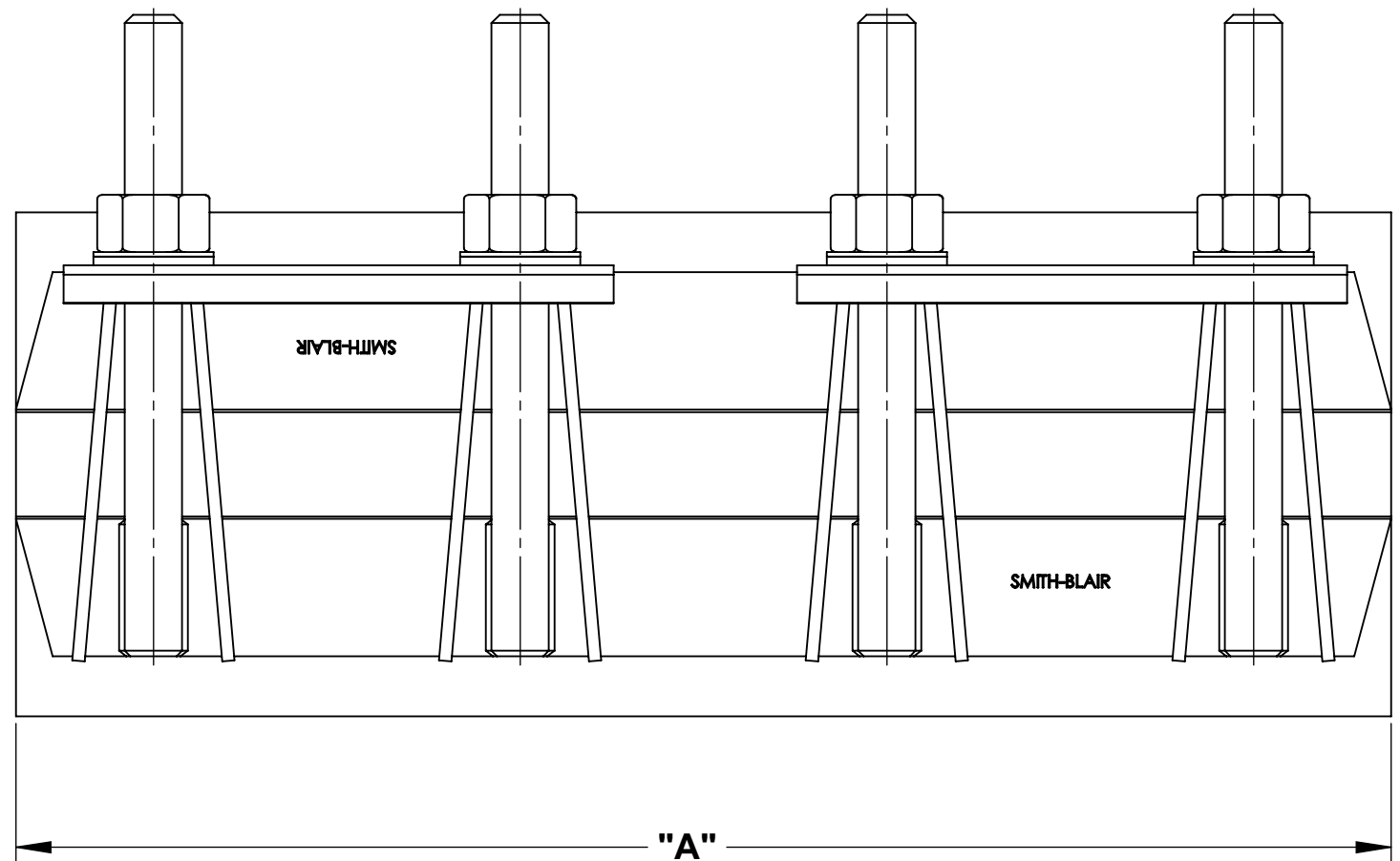
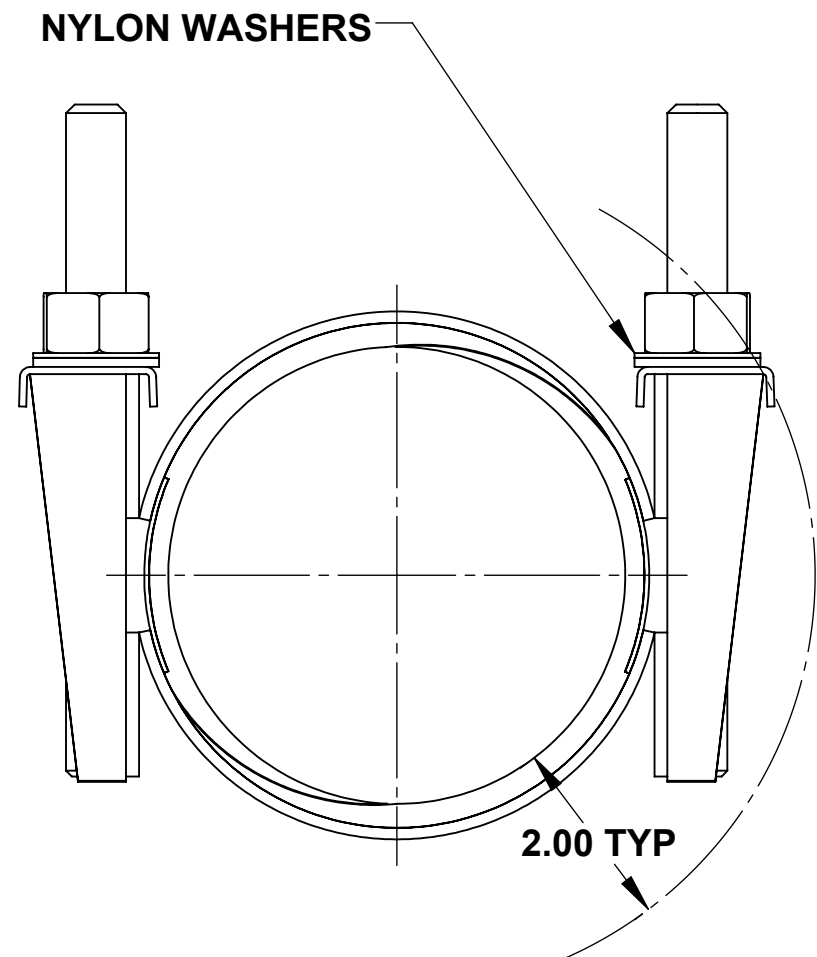
NOTES

- **Do not** use for repair of full breaks or joining pipe
- Spring washers **are required** when this product is used on DR17 or thicker HDPE pipe
- 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 notice



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.

30 Globe Ave, Texarkana, AR 71854
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Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792



- NOTES:**
- 1. SEE SMITH-BLAIR CATALOG FOR AVAILALE PIPE DIAMETER AND WIDTH COMBINATIONS AS SOME COMBINATIONS ARE NOT AVAILABLE
 - 2. 16.00" WIDE CLAMP SHOWN OTHER SIZES SIMILAR.

A	KEEPER BAR		HARDWARE			SOCKET SIZE
	QUANTITY	SIZE	QUANITIY	STUD SIZE	WASHERS SIZE	
12.00	2	10.00	6	5/8" x 6"	5/8"	1-1/16"
16.00	4	6.00	8			
20.00	4	2X - 14.00 2X - 5.00	14			

CERTIFIED TO NSF/ANSI 61-G & 372

TOLERANCES U.N.O. XX= ±.03 .XXX= ±.015 FRACTIONS= ANGLES=±1° MACH. FIN= ALL DIMENSIONS ARE IN INCHES.	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D		DATE	
		CK'D		DATE	
	SCALE: N/A	DRN	CHD	DATE	6/8/15
TITLE SPECIFICATION HIGH PRESSURE FULL CIRCLE® REPAIR CLAMP AII STAINLESS MODEL 268					
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS			P/N N/A		
			DWG. NO. SPEC_268.DRW	1 OF 1 SHEET	10/6/21 REV.