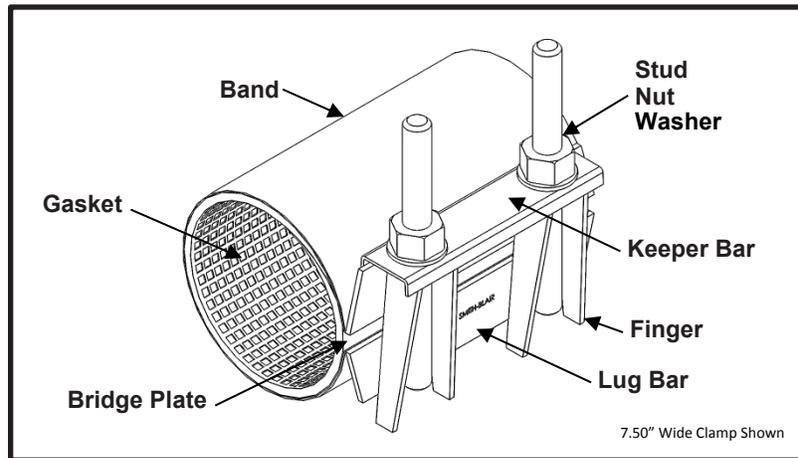


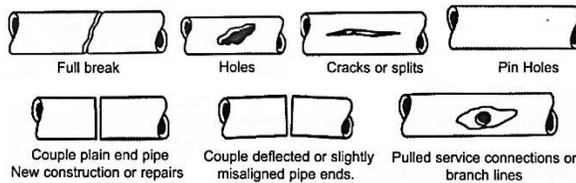
SPECIFICATION

FULL CIRCLE[®] REPAIR CLAMP AII STAINLESS MODEL 261

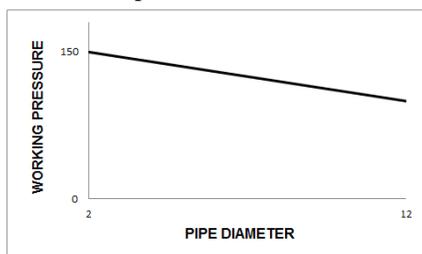


APPLICATIONS

- **Typical Uses**
 - Repair leaks due to complete breaks, splits, or holes
 - Joining pipes of the same diameter
 - Examples:



- **Standard Pipe Sizes**
 - 2" to 12" nominal
- **Standard Widths**
 - 7.5", 10.0", 12.5", 15.0", 20.0", 25.0", 30.0"
- **Type of Pipe**
 - Carbon Steel, Stainless Steel, Ductile Iron, PVC, HDPE DR17 or thicker (with use of spring washers), Asbestos Cement, Copper, Aluminum
- **Working Pressure**
 - Up to 150 psi depending on type of pipe, type of repair, pipe diameter, service conditions, and installation workmanship





SPECIFICATION

FULL CIRCLE[®] REPAIR CLAMP AII STAINLESS

MODEL 261

MATERIALS

- **Band**
 - 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
- **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
- **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



SPECIFICATION

FULL CIRCLE[®] REPAIR CLAMP ALL STAINLESS

MODEL 261

- **Welding**
 - Welds accomplished using qualified welders
 - GMAW & GTAW weld process utilized
 - Welds passivated to preserve corrosion resistance

LISTINGS

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

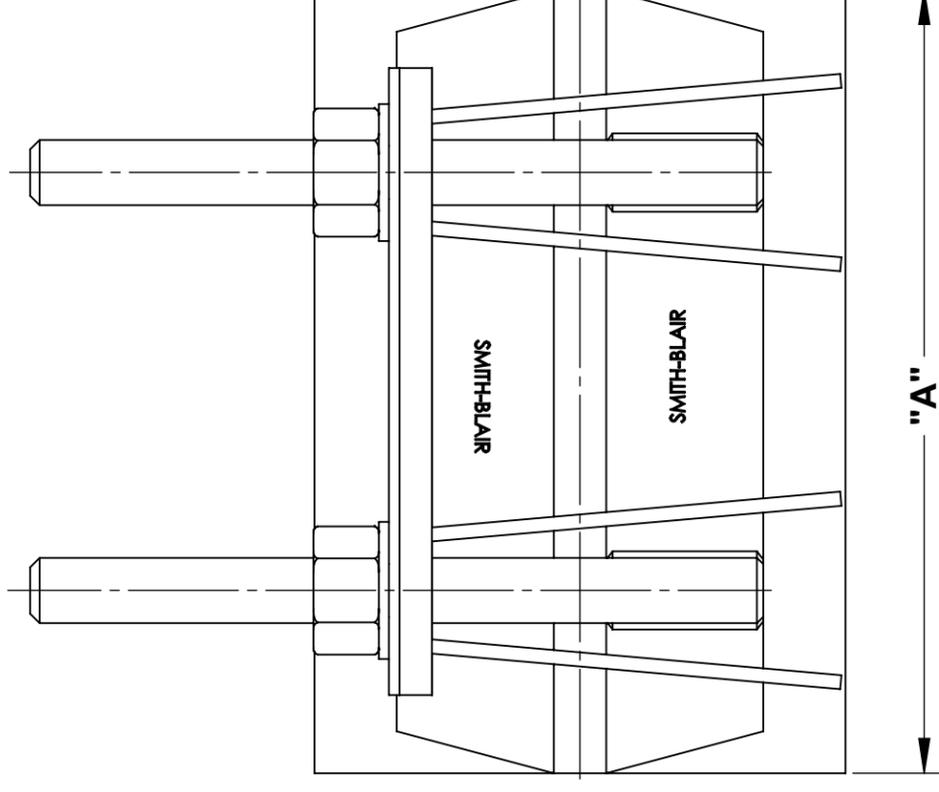
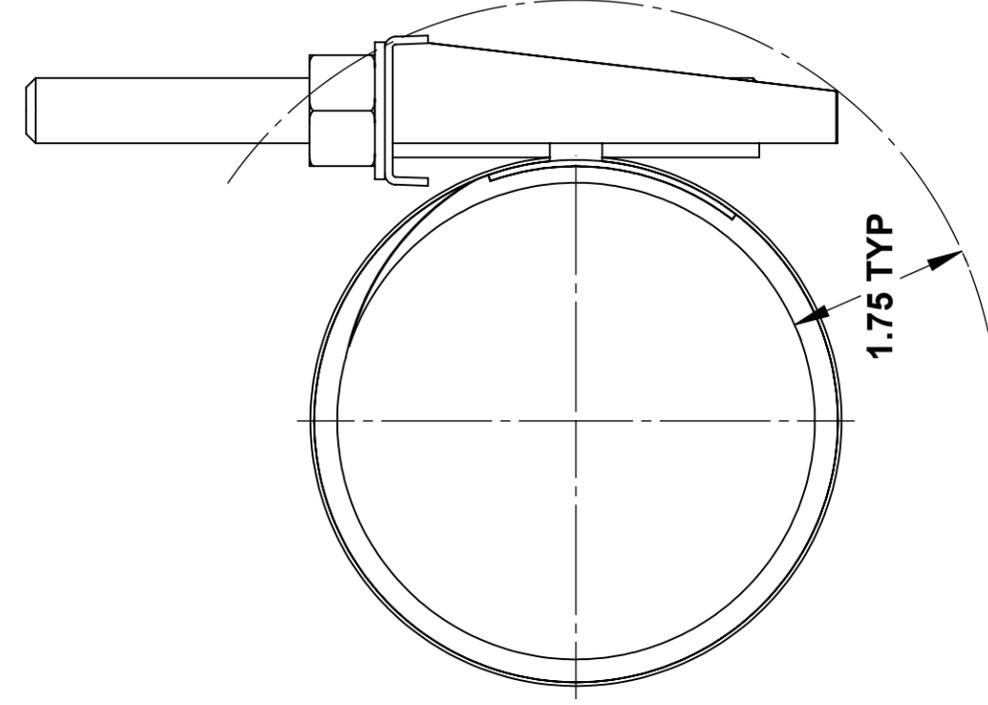
OPTIONS

- 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 feature

NOTES

- This product **does not** restrain the pipe from pulling out of the fitting
- Spring washers **are required** when this product is used on DR17 or thicker HDPE pipe (Not recommended for use on HDPE pipe DR 17 or thinner)
- Pipe stiffeners **are required** when this product is used to join HDPE and thin wall PVC 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 warnings

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 AVAILABLE PIPE DIAMETER AND WIDTH COMBINATIONS AS SOME COMBINATIONS ARE NOT AVAILABLE

2. 7.50" WIDE CLAMP SHOWN OTHER SIZES SIMILAR

CERTIFIED TO NSF/ANSI 61-G & 372

A	KEEPER BAR		HARDWARE			SOCKET SIZE
	QUANTITY	SIZE	QUANTITY	STUD SIZE	WASHER SIZE	
7.50	1	6.00	2	5/8" X 7.00"	5/8"	1-1/16"
10.00	1	8.00	3			
12.50	1	10.00	3			
15.00	2	6.00	4			
20.00	2	1X-6.00 1X-10.00	5			
25.00	2	1X-8.00 1X-14.00	8			
30.00	2	14.00	10			

TOLERANCES U.N.O.
XX= ±.03
XXX= ±.015
FRACTIONS= *
ANGLES= ±1°
MACH. FIN=

NOTES:
REMOVE BURRS
AND SHARP EDGES
DO NOT SCALE DWG.

APP'D

DATE

CK'D

DATE

DRN

DATE

CHD

DATE

TITLE

SPECIFICATION
FULL CIRCLE® REPAIR CLAMP ALL STAINLESS
MODEL 261

P/N

SMITH-BLAIR, Inc.
TEXARKANA, ARKANSAS

N/A

SPEC_261.DRW

DWG. NO.

1 OF 1 SHEET
2/19/16 REV.