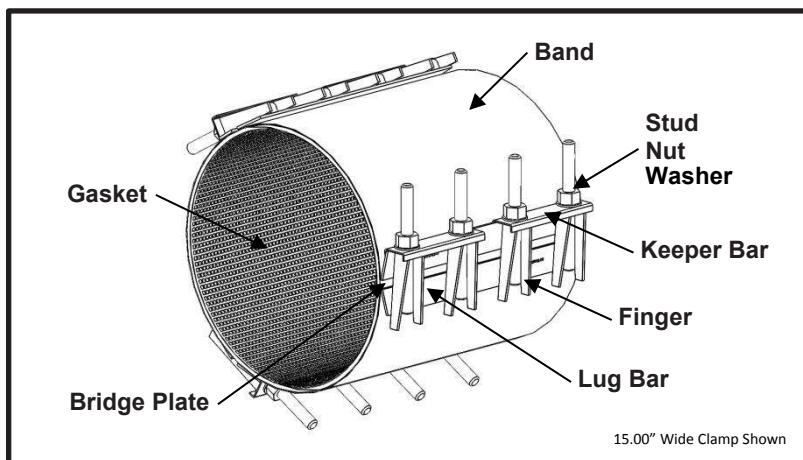


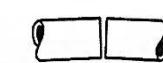
# SPECIFICATION

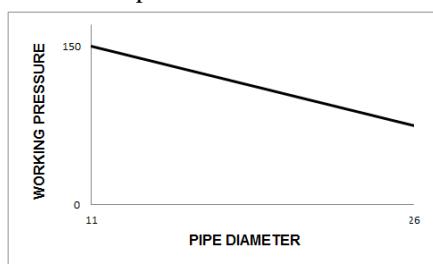
## FULL CIRCLE® REPAIR CLAMP ALL STAINLESS

### MODEL 263



#### APPLICATIONS

- **Typical Uses**
  - Repair leaks due to complete breaks, splits or holes
  - Joining pipes of the same diameter
  - Examples:
    -  Full break
    -  Holes
    -  Cracks or splits
    -  Pin Holes
    -  Couple plain end pipe  
New construction or repairs
    -  Couple deflected or slightly misaligned pipe ends
    -  Pulled service connections or branch lines
- **Standard Pipe Size**
  - Range of 11.04" to 26.90"
- **Standard Widths**
  - 10.0", 15.0", 20.0", 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 ALL STAINLESS

### MODEL 263

#### MATERIALS

- **Band**
  - Type 304 Stainless Steel per ASTM A240
  - Band Thickness: 19 gauge
- **Finger**
  - Type 304 Stainless Steel per ASTM A240
  - Finger Thickness: 10 gauge
  - Solution annealed for increased corrosion resistance and strength
  - Long fingers allow for greater range in clamp to help reduce inventory
- **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 14.84" diameter and smaller  
0.250" thickness for clamps 14.85" 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 263

#### ▪ 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 conductor feature

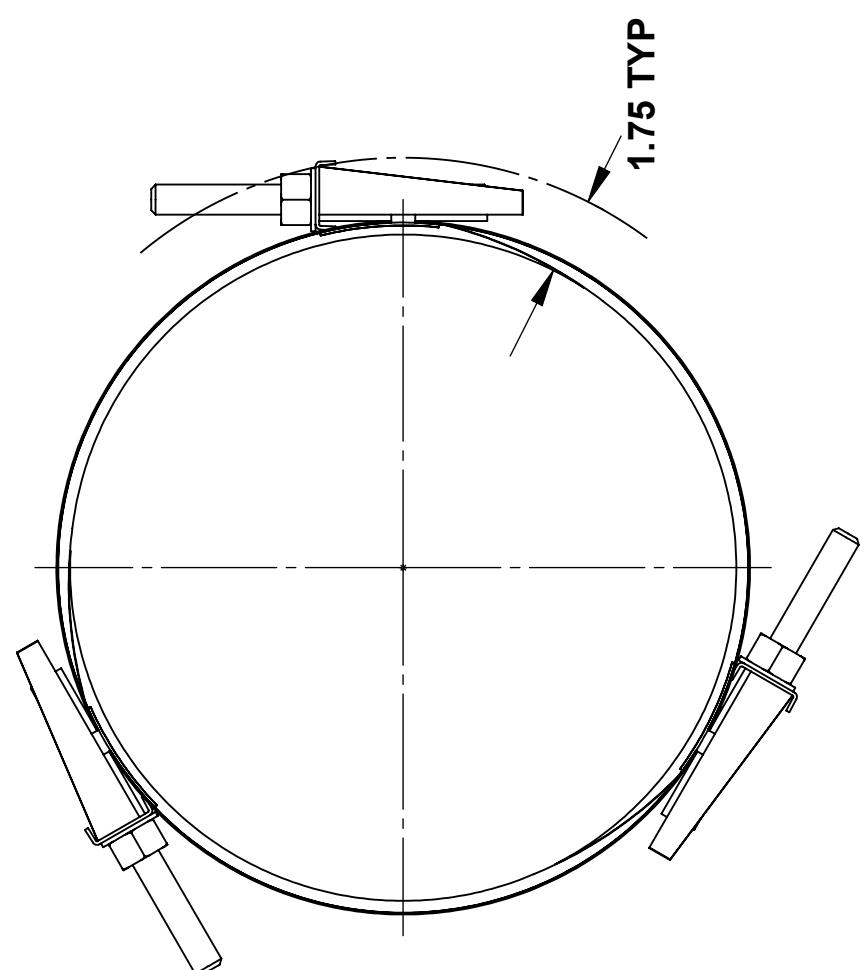
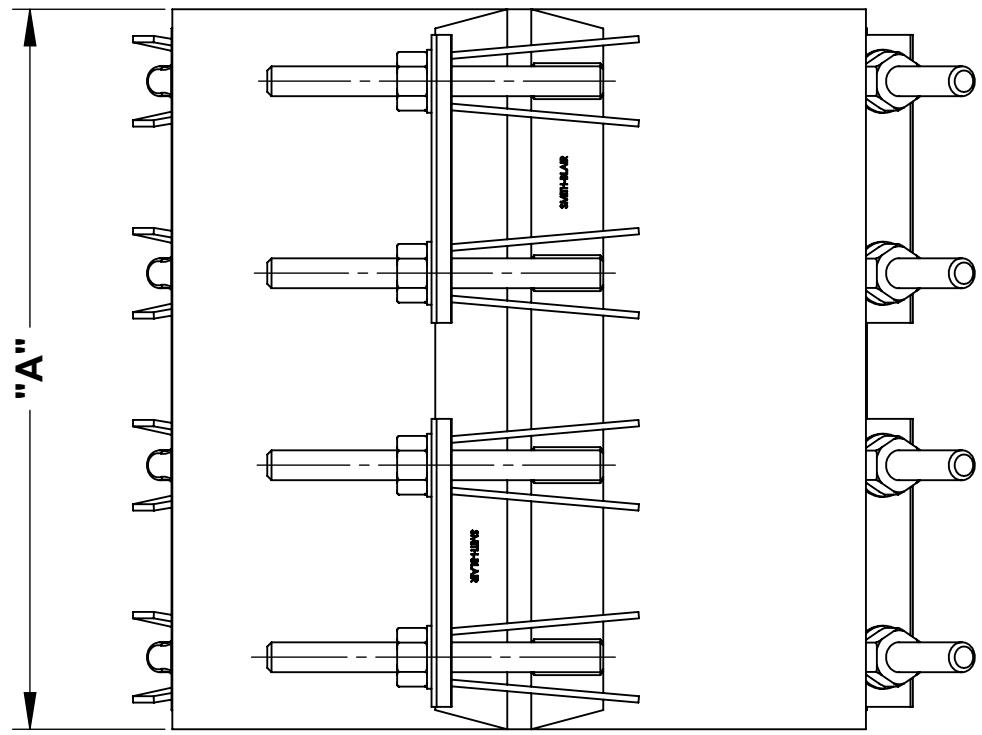
#### NOTES

- 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
- 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



CERTIFIED TO NSF/ANSI 61-G & 372

TOLERANCES U.N.O. XX= $\pm .03$ XXX= $\pm .015$ FRACTIONS=	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D CK'D	DATE
ANGLES= $\pm 1^\circ$ MACH. FIN=	SCALE: N/A	DRN CHD	DATE 2/19/16

TITLE			
SPECIFICATION			
FULL CIRCLE® REPAIR CLAMP ALL STAINLESS			
MODEL 263			
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS	P/N N/A	SPEC_263.DRW	1 OF 1 2/19/16 REV. SHEET

NOTES:  
1. 15.00" WIDE CLAMP SHOWN OTHER SIZES SIMILAR

A	KEEPER BAR		HARDWARE	SOCKET SIZE
	QUANTITY	SIZE		
10.00	3	8.00	9	
15.00	6	6.00	12	
20.00	6	3X-6.00 3X-10.00	15	5/8" x 7.00"
30.00	6	6X-14.00	30	1-1/16"