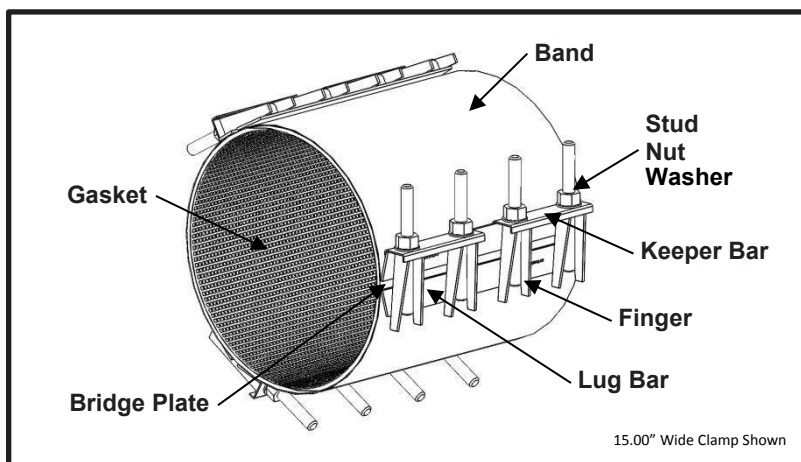


# SPECIFICATION

## FULL CIRCLE<sup>®</sup> REPAIR CLAMP ALL STAINLESS

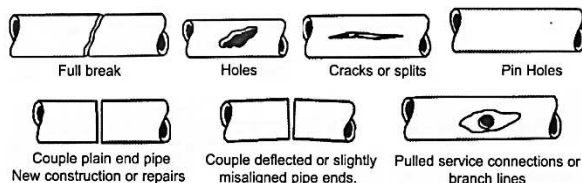
### MODEL 263



#### APPLICATIONS

##### Typical Uses

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



##### Standard Pipe Size

- Range of 11.04" to 26.90"

##### Standard Widths

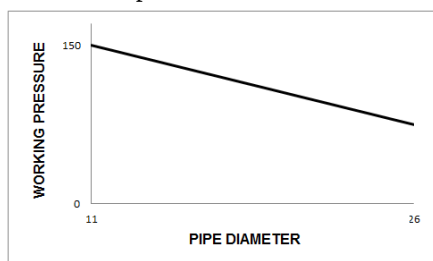
- 10.0", 15.0", 20.0", 30.0"

##### 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<sup>®</sup> REPAIR CLAMP ALL STAINLESS

### MODEL 263

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#### 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

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- **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

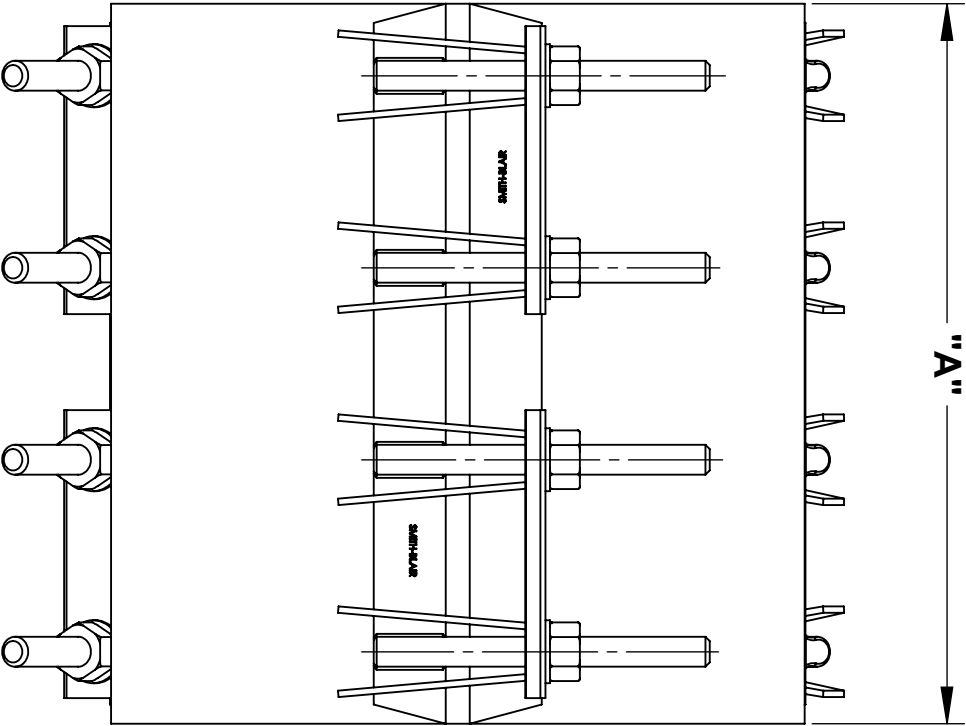
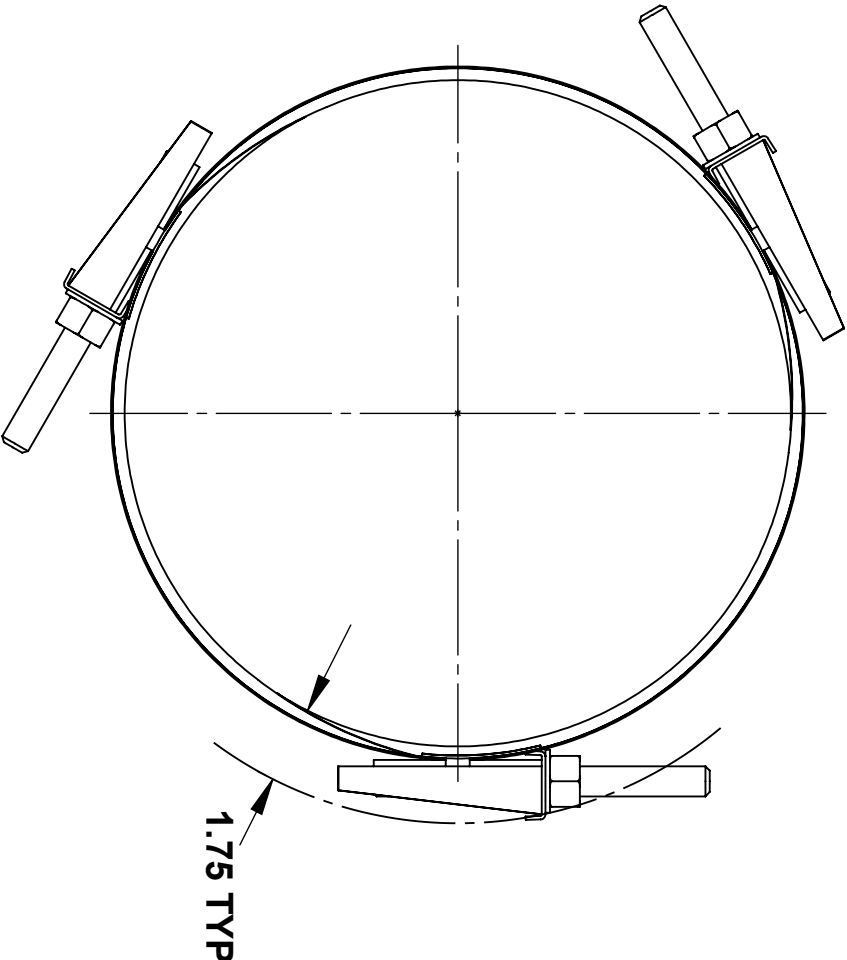
#### OPTIONS

- 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  
Ph: 870-773-5127 • Fax: 870-773-5212  
Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792



CERTIFIED TO NSF/ANSI 61-G & 372

- NOTES:
- 15.00" WIDE CLAMP SHOWN OTHER SIZES SIMILAR

| A     | KEEPER BAR |                     | HARDWARE |              | SOCKET SIZE |
|-------|------------|---------------------|----------|--------------|-------------|
|       | QUANTITY   | SIZE                | QUANTITY | STUD SIZE    | WASHER SIZE |
| 10.00 | 3          | 8.00                | 9        | 5/8" x 7.00" | 5/8"        |
| 15.00 | 6          | 6.00                | 12       |              |             |
| 20.00 | 6          | 3X-6.00<br>3X-10.00 | 15       |              |             |
| 30.00 | 6          | 6X-14.00            | 30       |              |             |

|                                         |  |         |         |
|-----------------------------------------|--|---------|---------|
| TOLERANCES U.N.O.                       |  | APP'D   | DATE    |
| XX= ±.03                                |  | CK'D    | DATE    |
| XXX= ±0.15                              |  |         |         |
| FRACTIONS=                              |  |         |         |
| ANGLES=+1°                              |  |         |         |
| MACH. FIN=                              |  |         |         |
| ALL DIMENSIONS ARE IN INCHES.           |  |         |         |
| SCALE:                                  |  | DRN     | 2/19/16 |
| N/A                                     |  |         |         |
| TITLE                                   |  |         |         |
| SPECIFICATION                           |  |         |         |
| FULL CIRCLE® REPAIR CLAMP ALL STAINLESS |  |         |         |
| MODEL 263                               |  |         |         |
| SMITH-BLAIR, Inc.                       |  | P/N     |         |
| TEXARKANA, ARKANSAS                     |  | N/A     |         |
| SPEC_263.DRW                            |  | 1 OF 1  |         |
| DWG. NO.                                |  | 2/19/16 |         |
|                                         |  | REV.    |         |