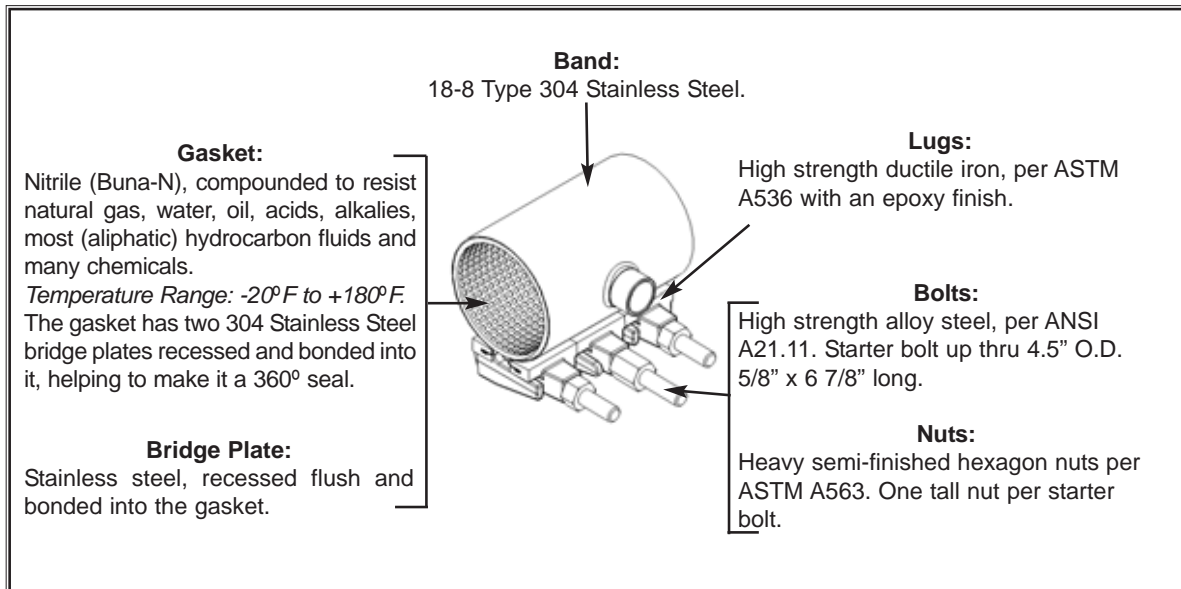


# Tapped Full Circle Repair Clamp 238 & 239

## Product Specifications



## Features:

- Removable lugs allow installation in tight spaces.
- Maximum support and reinforcement with 360° coverage.
- Drop-in bolts in the joint to be opened help ease installation.
- 18-8 Type 304 Stainless Steel band for corrosion resistance.
- A wide variety of outlet sizes and thread types available to meet demand.
- All closed lugs on the multi-band, except the joint, which is opened for installation.
- Lugs have a fusion bonded Flexi-Coat Epoxy Coating for great corrosion resistance.
- One starter (longer) bolt minimum per clamp thru 4.5" O.D. size to help with installation.
- Range up to .40" in the single band and up to .80" in the double band. Range is even larger in the multi-bands, helping to reduce inventory.

Clamp Number	Size	Working Pressure*
238	3" - 8" Nominal	Up to 300 PSI
239	4" - 12" Nominal	Up to 175 PSI

\*The allowable working pressure of a pipe repair clamp decreases as pipe diameter increases (regardless of manufacturer). For a particular installation, the allowable working pressure will be determined by the size of pipe, type of pipe, type of clamp, type and extent of damage, service conditions, environmental conditions, and installation workmanship.

# Product Specifications

## SPECIFICATION:

The full circle repair clamp shall have an 18-8 type 304 stainless steel band. It shall be a minimum of 7.5" in width.

The lugs shall be made of high strength ductile iron per ASTM A536 and have a fusion bonded Flexi-Coat epoxy coating. The lugs shall be attached to the band by hemming the band and sliding it into the lug slot.

The slot shall be cast into the lug base. The lug shall have a friction fit with the band, preventing it from sliding off yet allowing for easy removal and reattachment in case of installing the clamp in restricted spaces.

The tapped full circle repair clamp shall have an NPT or AWWA threaded female outlet made of type 304 stainless steel and TIG-welded into a drawn opening in the clamp band.

The gasket shall be made of Nitrile (Buna N) specially compounded to resist water, oil, acids, alkalies, natural gas, most (aliphatic) hydrocarbon fluids, and many other chemicals. The temperature range of the gasket shall be

-20°F thru +180°F.

The gasket must have a bridge plate that helps the end of the clamp band to seal across the gap. The bridge plate shall be made of quarter-hard 304 stainless steel. It shall be recessed and bonded into the gasket.

The gasket shall have a gridded pattern, and it shall be tapered on the ends and overlap for range capability.

The bolts shall be 5/8" x 6" high strength low alloy per ANSI A21.11. At least one 5/8" x 6 7/8" bolt with a taller nut shall be furnished to help facilitate installation of clamps up thru 4.50" O.D.

Heavy semi-finished nuts meeting ASTM A563 shall be provided with the bolts. Multi-band clamps shall have all closed lugs except for one set of open and closed lugs to allow for easy opening and installing of the clamp.

*OPTIONAL - Stainless steel type 304 bolts and nuts. The nuts shall be fluoropolymer coated to prevent galling.*

The clamp shall be a Smith-Blair, Inc., 238 or 239 Tapped Full Circle or approved equal.

### Approved By

Name:

Title:

Date:

*THESE PRODUCT SPECIFICATIONS WERE CORRECT AT TIME OF PUBLICATION.*

*MATERIAL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.*

*SEE CATALOG BROCHURE CC-200 FOR MORE DETAILS. VISIT SMITH-BLAIR'S WEBSITE AT [WWW.SMITH-BLAIR.COM](http://WWW.SMITH-BLAIR.COM) TO DOWNLOAD THE MOST CURRENT INFORMATION.*



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