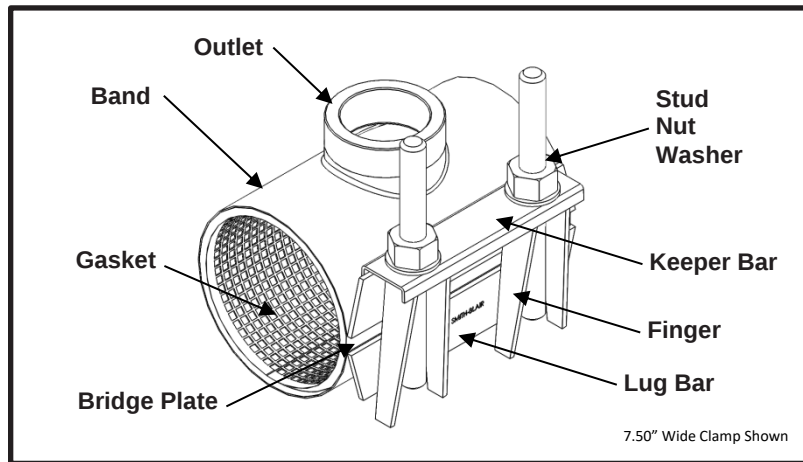


SPECIFICATION

FULL CIRCLE[®] TAPPED REPAIR CLAMP ALL STAINLESS MODEL 266-3



Do not tap through this product!!!
Only use for repair or installations where the pipe is drilled prior to installation.

APPLICATIONS

- **Typical Uses**
 - Repair leaks at broken or torn out service connections or branch lines
 - For use on installations where the pipe is drilled prior to installation pipe
- **Standard Pipe Sizes**
 - 3" to 8" nominal
- **Standard Taps**
 - NPT: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
 - CC/AWWA: 1/2", 3/4", 5/8", 1", 1-1/4", 1-1/2", 2"
 - BSP: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

See Smith-Blair catalog for available pipe diameter and tap size combinations as some combinations are not available
- **Standard Widths**
 - 7.5", 10", 12.5", 15"
- **Type of Pipe**
 - Carbon Steel, Stainless Steel, Ductile Iron, Aluminum
- **Working Pressure**
 - 125 psi

MATERIALS

- **Band**
 - Type 304 Stainless Steel per ASTM A240
 - Band Thickness: 20 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 up to 0.40 inches of range in clamp

SPECIFICATION

FULL CIRCLE[®] TAPPED REPAIR CLAMP ALL STAINLESS

MODEL 266-3

- **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
 - Compounded to resist 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
- **Outlet**
 - Type 304 Stainless Steel per ASTM A276
 - Tap size marked on outlet neck for rapid identification
- **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
- **Welding**
 - Welds accomplished using qualified welders
 - GMAW and GTAW weld process utilized
 - Welds passivated to preserve corrosion resistance

SPECIFICATION

FULL CIRCLE[®] TAPPED REPAIR CLAMP ALL STAINLESS

MODEL 266-3

LISTINGS

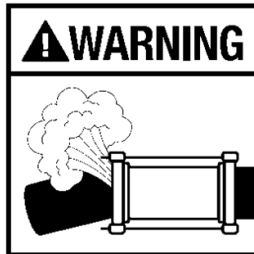
- Meets applicable D.O.T. Title 49 Section 192 regulations

OPTIONS

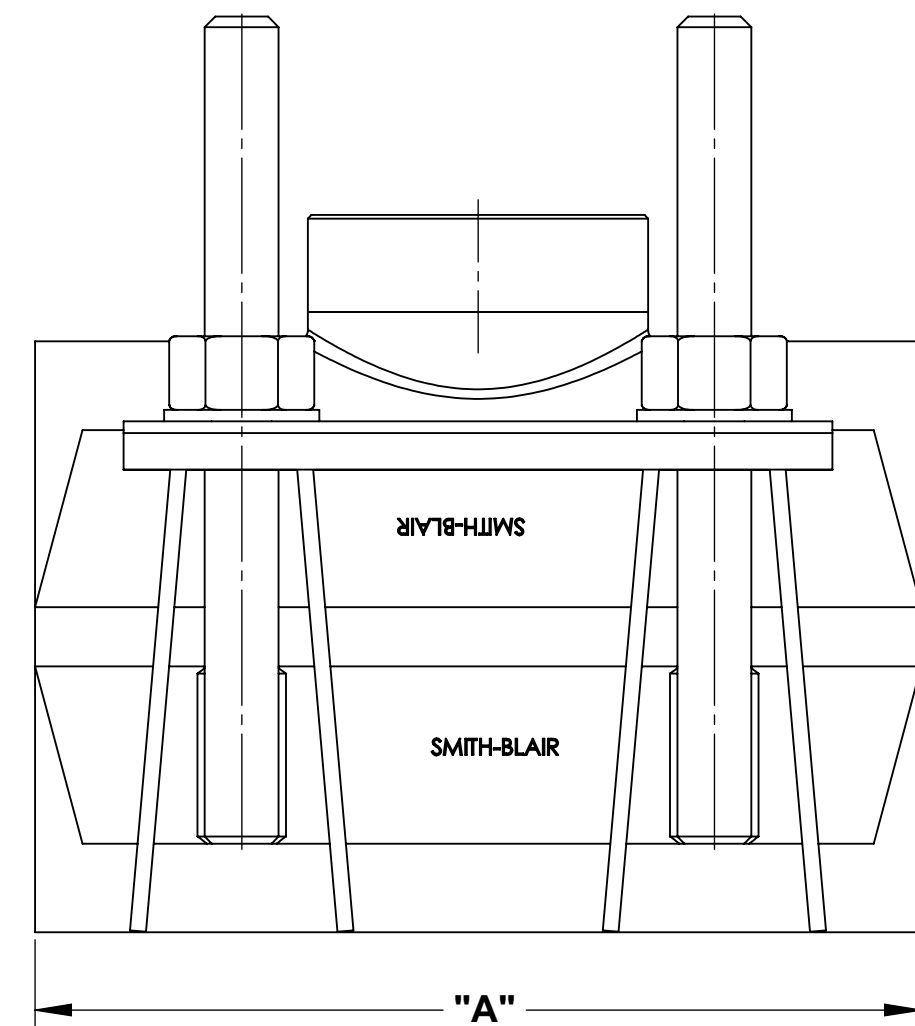
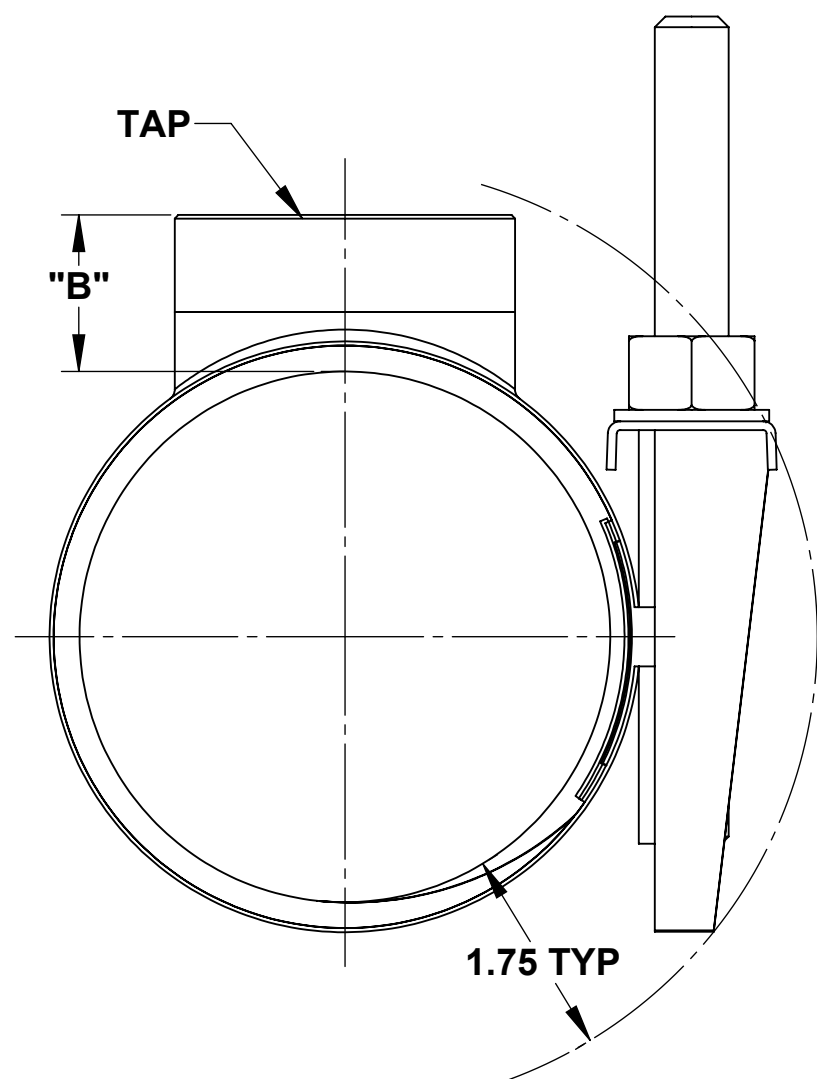
- Type 316 Stainless Steel band
- Type 316 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Offset gaskets to allow for repairing longer cracks using multiple clamps
- Conductivity feature
- Clamps up to 30" wide

NOTES

- 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.



- NOTES:**
1. SEE SMITH-BLAIR CATALOG FOR AVAILABLE PIPE DIAMETER AND TAP SIZE COMBINATIONS AS SOME COMBINATIONS ARE NOT AVAILABLE.
 2. 7.50" WIDE CLAMP SHOWN OTHER SIZES SIMILAR.

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			

TAP CHART				
B	SIZE	NPT	CC	BSP
1.30	1/2"	03	04	59
	5/8"	-	05	-
	3/4"	06	07	50
	1"	08	09	51
1.50	1-1/4"	10	11	54
	1-1/2"	12	13	52
	2"	14	-	53

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	2/19/16
TITLE					
SPECIFICATION					
FULL CIRCLE® TAPPED REPAIR CLAMP ALL STAINLESS					
MODEL 266-3					
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS		P/N N/A			
		SPEC_266-3.DRW		1 OF 1 SHEET	6/29/16 REV.
		DWG. NO.			