

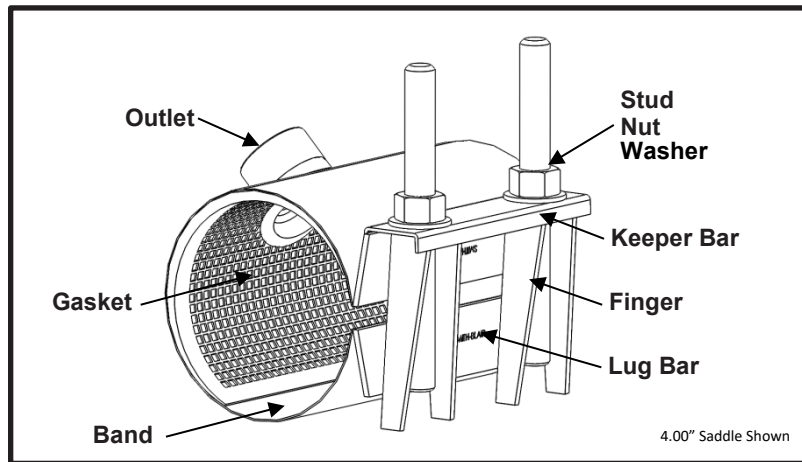


Smith-Blair
a xylem brand

SPECIFICATION

SERVICE SADDLE ALL STAINLESS DOUBLE BOLT

MODEL 372



APPLICATIONS

- **Typical Uses**
 - Repair and restore damaged, broken, or torn out service connections or branch lines
 - Tapping branch connections on new or existing pipe
- **Standard Pipe Sizes**
 - 4" to 16" 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 Width**
 - 7.50"
- **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**
 - 150 psi

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
- **Lug Bar**
 - Type 304 Stainless Steel per ASTM A240
 - Lug Bar Thickness: 10 gauge



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- **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
 - Compounded to resist water, oil, natural gas, acids, alkalies, most (aliphatic) hydrocarbon fluids, and many other chemicals
 - Temperature range: -20°F to +180°F
 - Outlet gasket mated into recess of band
- **Outlet**
 - Type 304 Stainless Steel per ASTM A276
- **Stud**
 - Type 304 Stainless Steel per ASTM A276
 - Epoxy coated threads to prevent galling
 - 5/8"-11UNC x 7.00" long, Stud welded to Lug Bar; Rolled threads
- **Nut**
 - Type 304 Stainless Steel GR. 8 per ASTM A194
 - Fluoropolymer coated
 - 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 processes utilized

LISTINGS/STANDARDS

- Meets applicable portions of AWWA C230
- Certified to NSF/ANSI 61 and NSF/ANSI 372

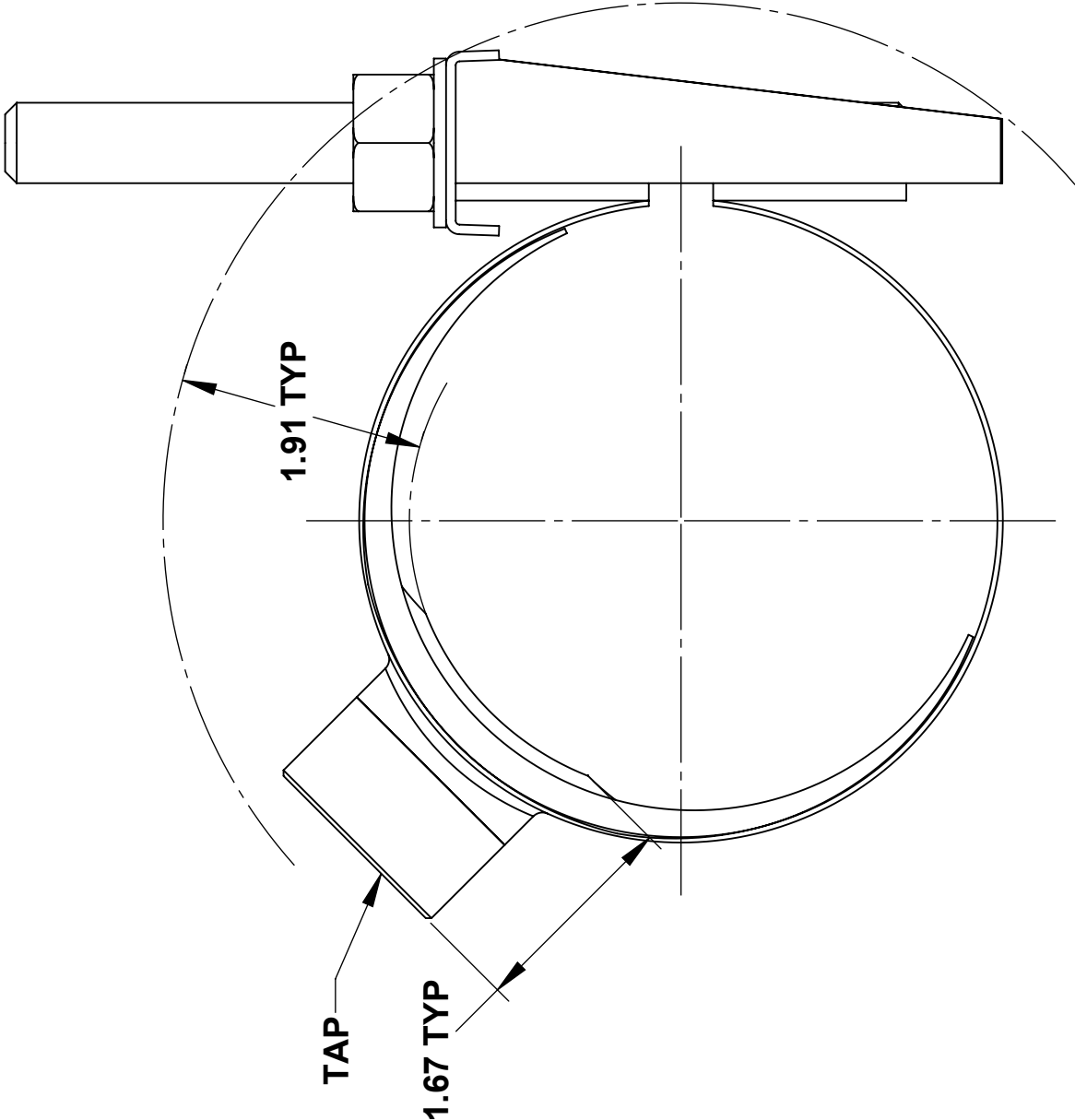
OPTIONS

- 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

NOTES

- Spring washers **are required** when this product is used on DR17 or thicker HDPE pipe
- Xylem, Smith-Blair, SB stylized are registered trademarks of Xylem, Inc., or one of its subsidiaries.
- These product specifications were correct at the time of publication and are subject to change without notice.
- See the Smith-Blair website for part numbers and ordering information
- See the Smith-Blair website for warranty information
- See the Smith-Blair website for corrosion notice

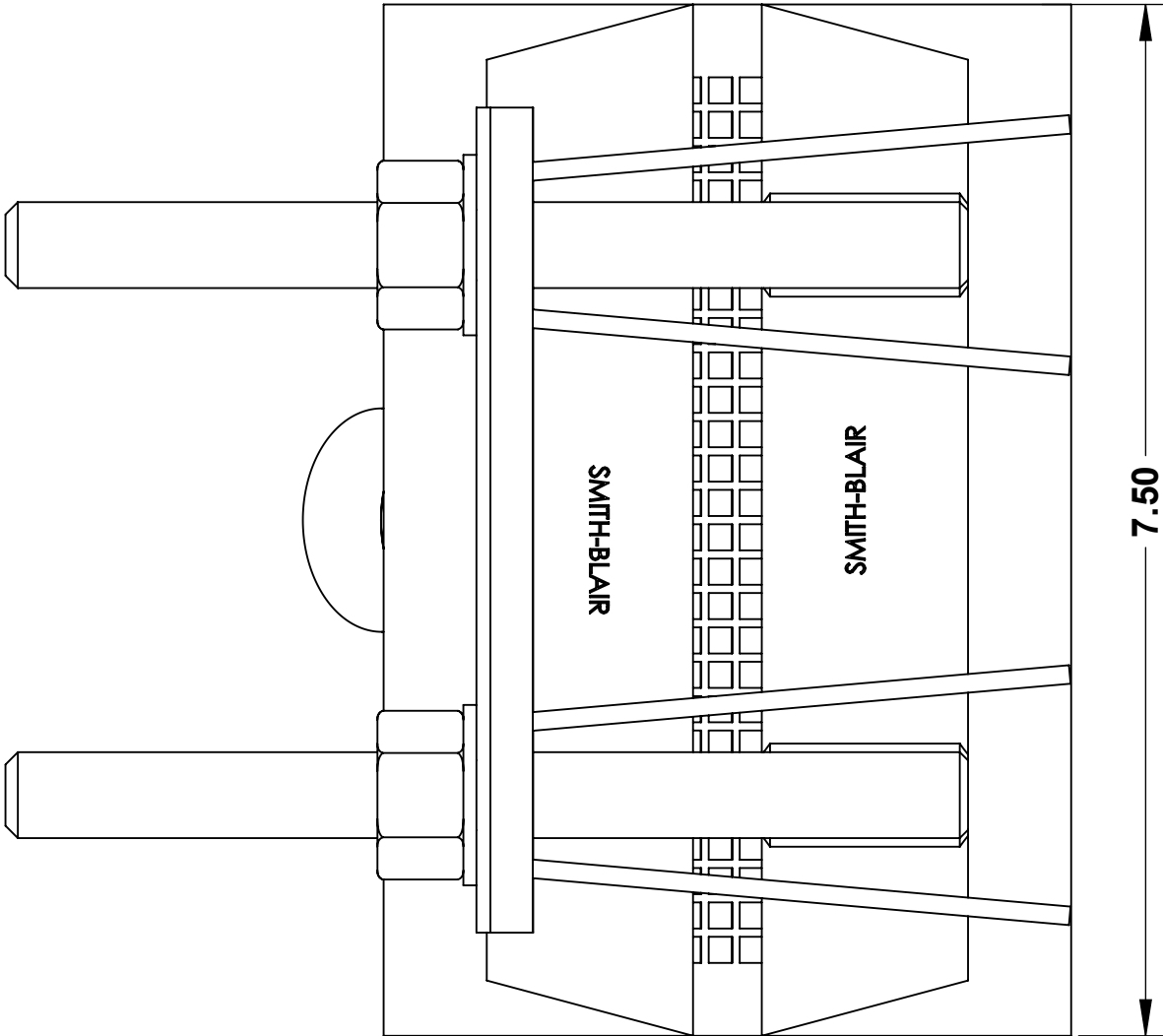
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- NOTES:
- 1. SEE SMITH-BLAIR CATALOG FOR AVAILABLE PIPE DIAMETER AND TAP SIZE COMBINATIONS AS SOME COMBINATIONS ARE NOT AVAILABLE.
 - 2. 4" NOMINAL CLAMP SHOWN OTHER SIZES SIMILAR.

NOM. PIPE SIZE	KEEPER BAR		HARDWARE			SOCKET SIZE
	QUANTITY	SIZE	QUANTITY	STUD SIZE	WASHER SIZE	
4 - 16	1	6.00	2	5/8" X 7.00"	5/8"	1-1/16"

TAP CHART			
SIZE	NPT	CC	BSP
1/2"	03	04	59
5/8"	-	05	-
3/4"	06	07	50
1"	08	09	51
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=		NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.		APP'D		DATE
ALL DIMENSIONS ARE IN INCHES.		SCALE: N/A		CK'D		DATE
				DRN	CHD	6/22/15
TITLE						
SPECIFICATION						
SERVICE SADDLE, ALL STAINLESS, DOUBLE BOLT						
MODEL 372						
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS				P/N		
				N/A		
				SPEC_372.DRW		
				DWG. NO.		
				3	OF 3	7/18/18
				SHEET		
				REV.		