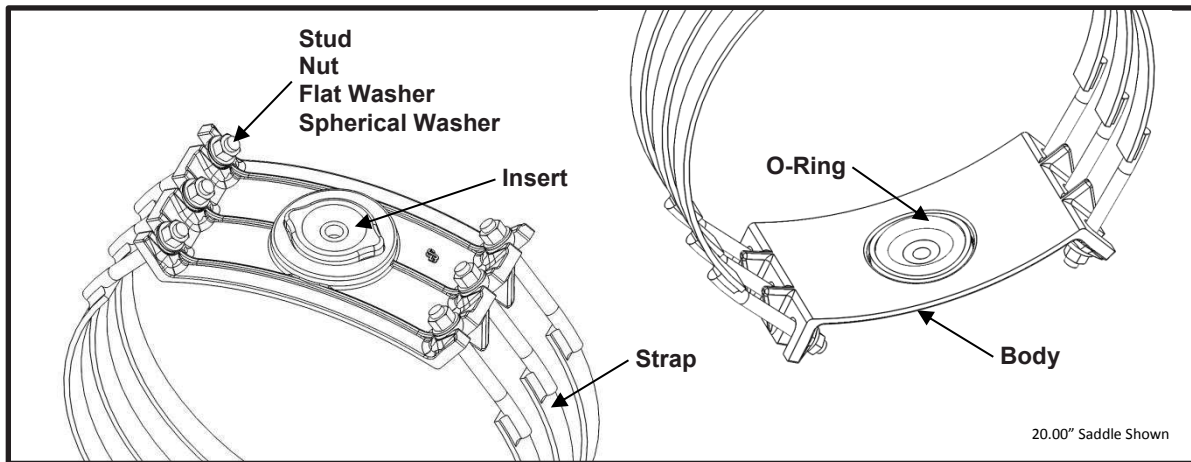


SPECIFICATION

SERVICE SADDLE TRIPLE STRAP

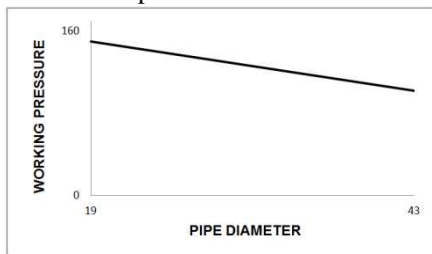
MODEL 366



APPLICATIONS

- **Typical Uses**
 - Tapping branch connections on new or existing pipe
 - Installing air/vacuum valves, pitot tubes, drain valves, or other miscellaneous service equipment
 - Installing pipe supports, hangers, or sign mounting brackets
- **Standard Pipe Sizes**
 - 19.25" to 43.15" pipe O.D. range
- **Standard Taps**
 - NPT: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2"
 - CC/AWWA: 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"
 - BSP: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2"

See Smith-Blair catalog for available pipe diameter and tap size combinations as some combinations are not available
- **Type of Pipe**
 - Carbon Steel, Stainless Steel, Cast Iron, Ductile Iron, PVC, Asbestos Cement
- **Working Pressure**
 - Up to 150 psi depending on type of pipe, type of repair, pipe diameter, service conditions, and installation workmanship





SPECIFICATION

SERVICE SADDLE TRIPLE STRAP

MODEL 366

MATERIALS

- **Body**
 - Cast using Ductile Iron 65-45-12 per ASTM A536
 - Flexi-Coat[®] fusion bonded epoxy finish which meets application methods AWWA C213
 - Open ears provide easy slip on installation and removal of nuts are not required preventing lost hardware
 - Canted ears for maximum tangential tightening of strap
 - Wide skirt and heavy tapping boss provides excellent stability on the pipe
- **Insert**
 - Cast using Ductile Iron 65-45-12 per ASTM A536
 - Flexi-Coat[®] fusion bonded epoxy finish which meets application methods AWWA C213
 - Tap threads are full and free from shear conforming to AWWA standards
- **O-Ring**
 - Nitrile (Buna-N) per ASTM D2000
 - 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
 - O-ring is fully cemented in a cavity to hold it in place
- **Strap**
 - Carbon Steel per ASTM A36
 - Formed using 0.25" x 1.25" flat bar
 - Provides continuous circumferential support of the pipe for better performance in the tapped area (nearly 360°)
 - Flexi-Coat[®] fusion bonded epoxy finish which meets application methods AWWA C213
- **Stud**
 - HLSA Carbon Steel per AWWA C111/A21.11
 - 5/8"-11UNC x 7.00" long, Stud welded to Strap
 - Rolled threads for improved physical characteristics, greater thread accuracy, and smooth surface finish
- **Welding**
 - Welds accomplished using qualified welders
 - GMAW weld process utilized
- **Nut**
 - HSLA Carbon Steel per AWWA C111/A21.11
 - 5/8"-11UNC, Heavy Hex Semi-Finished
- **Flat Washer**
 - Carbon Steel per ASTM F844
 - 5/8" Type A Plain
 - Utilized to preserve corrosion resistance of epoxy coated surfaces and increase bearing surface
- **Spherical Washer**
 - Cast using Ductile Iron 65-45-12 per ASTM A536
 - Flexi-Coat[®] fusion bonded epoxy finish which meets application methods AWWA C213
 - Provide full bearing for the strap nuts and align the straps with the saddle body
 - Distributes load for better performance



SPECIFICATION

SERVICE SADDLE TRIPLE STRAP

MODEL 366

LISTINGS

- Certified to NSF/ANSI 61-G & 372

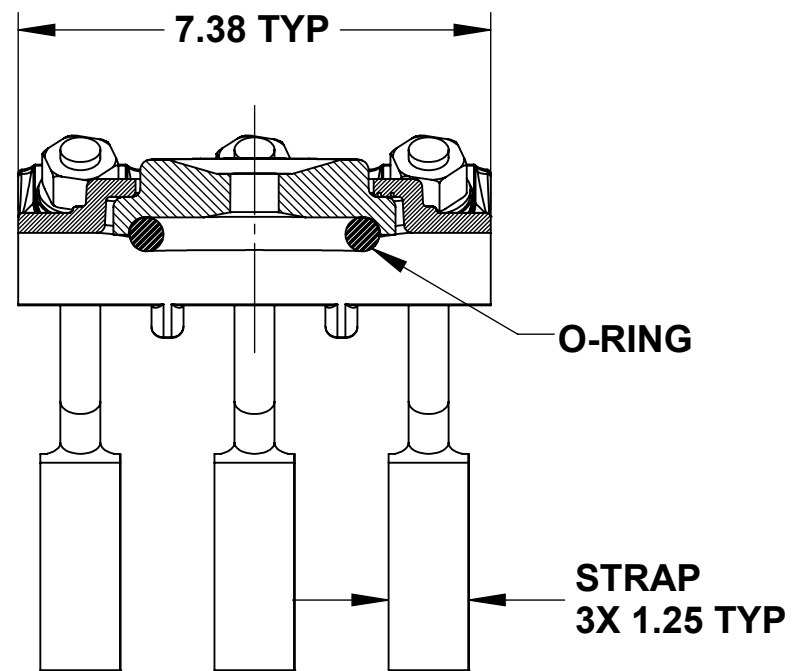
OPTIONS

- Type 304 Stainless Steel strap, stud, flat washer, and fluoropolymer coated nuts to prevent galling
- Type 316 Stainless Steel strap, stud, flat washer, and fluoropolymer coated nuts to prevent galling
- Alternative gasket material (e.g. Viton, EPDM, etc.)
- Anode connector

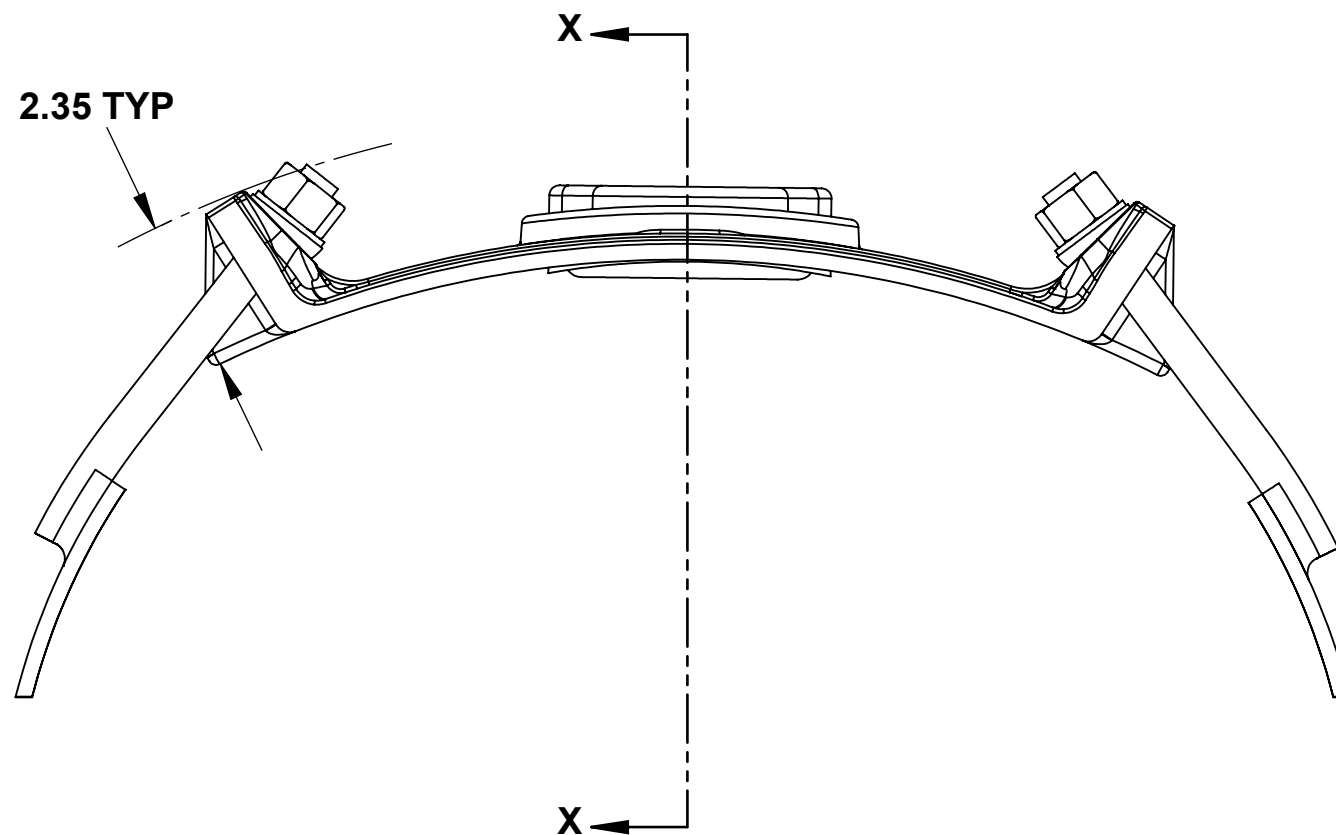
NOTES

- These product specifications were correct at the time of publication and are subject to change without notice
- Flexi-Coat® is a registered trademark of Smith-Blair, Inc.
- 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

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Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792



SECTION X-X



O.D. SIZE RANGE	APPROX. WT. (LB)	SOCKET SIZE
19.25 - 21.25	38	1-1/16"
21.35 - 23.25	39	
23.75 - 25.25	42	
25.55 - 27.50	44	
27.51 - 29.50	45	
29.53 - 30.50	47	
31.49 - 33.96	49	
34.90 - 36.42	52	
36.49 - 39.20	54	
39.35 - 42.70	56	
42.40 - 43.15	57	

NOTES:

1. SEE SMITH-BLAIR CATALOG FOR AVAILABLE PIPE DIAMETER AND TAP SIZE COMBINATIONS AS SOME COMBINATIONS ARE NOT AVAILABLE
2. 20.00" SADDLE SHOWN OTHER SIZES SIMILAR
3. STANDARD TAP SIZES 1/2" THRU 2-1/2"

CERTIFIED TO NSF/ANSI 61-G & 372

TOLERANCES U.N.O. .XX= ±.03 .XXX= ±.015 FRACTIONS= ±1° MACH. FIN=	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE
		CK'D	DATE
ALL DIMENSIONS ARE IN INCHES.	SCALE: N/A	DRN	CHD
TITLE		DATE	6/25/15
SPECIFICATION SERVICE SADDLE TRIPLE STRAP MODEL 366		P/N N/A	
		SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS	SPEC_366.DRW DWG. NO.