

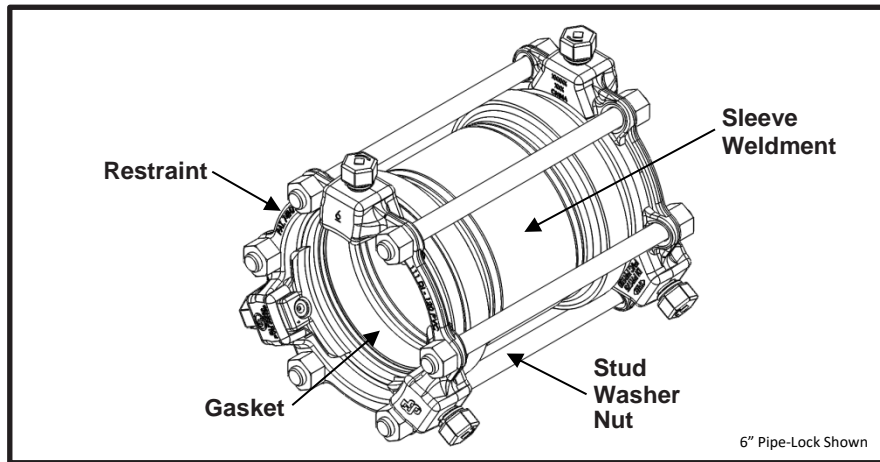


Smith-Blair
a xylem brand

SPECIFICATION

PIPE-LOCK™ STEEL RESTRAINT COUPLING

MODEL 472



APPLICATIONS

- **Typical Uses**
 - Joining and restraining plain-end PVC pipe ends
 - Replace split or excessively damaged pipe
- **Standard Pipe Size**
 - DI sized 4" - 36" nominal
 - IPS sized 3" - 12" nominal
- **Type of Pipe**
 - PVC
 - *Suitable applications for PVC are limited to SDR 26 or heavier wall pipe as defined by ASTM D2241*
- **Working Pressure**
 - Rated at pressure rating of the PVC pipe installed on
 - DI pipe sizes 4" - 24" = 250 psi, 30" = 150 psi, 36" = 125 psi
 - IPS pipe sizes 3" - 12" = 250 psi

MATERIALS

- **Sleeve Weldment**
 - See 477 specification document
- **Restraint**
 - See 120 specification document
- **Gasket**
 - Styrene Butadiene Rubber (SBR) per AWWA C111/A21.11
 - Compounded to resist water, oil, natural gas, acids, alkalies, most (aliphatic) hydrocarbon fluids, and many other chemicals
 - Temperature range: -20°F to +180°F
 - Permanently marked with part number and pipe size range for proper selection
- **Stud**
 - HSLA Carbon Steel per AWWA C111/A21.11 and/or ASTM A193 GRB7
 - Size:
 - 3" nominal pipe size = 5/8" - 11 UNC
 - 4" - 24" nominal pipe size = 3/4" - 10 UNC
 - 30" - 36" nominal pipe size = 1-0" - 8 UNC
 - Rolled threads for improved physical characteristics, greater thread accuracy, and smooth surface finish



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- **Washer**
 - Carbon Steel per ASTM A108
 - Electro-galvanized with dichromate seal per ASTM B633 for improved corrosion resistance
 - Size:
 - 3" nominal pipe size = 5/8" Type A Plain
 - 4" – 24" nominal pipe size = 3/4" Type A Plain
 - 30" – 36" nominal pipe size = 1-0" Type A Plain
 - Utilized to preserve corrosion resistance of epoxy coated surfaces and increase bearing surface

LISTINGS

- Certified to NSF/ANSI 61 and NSF/ANSI 372
- Meets applicable portions of AWWA C219
- Flexi-Coat® Fusion-Bonded Epoxy Coating meets requirements of AWWA C213

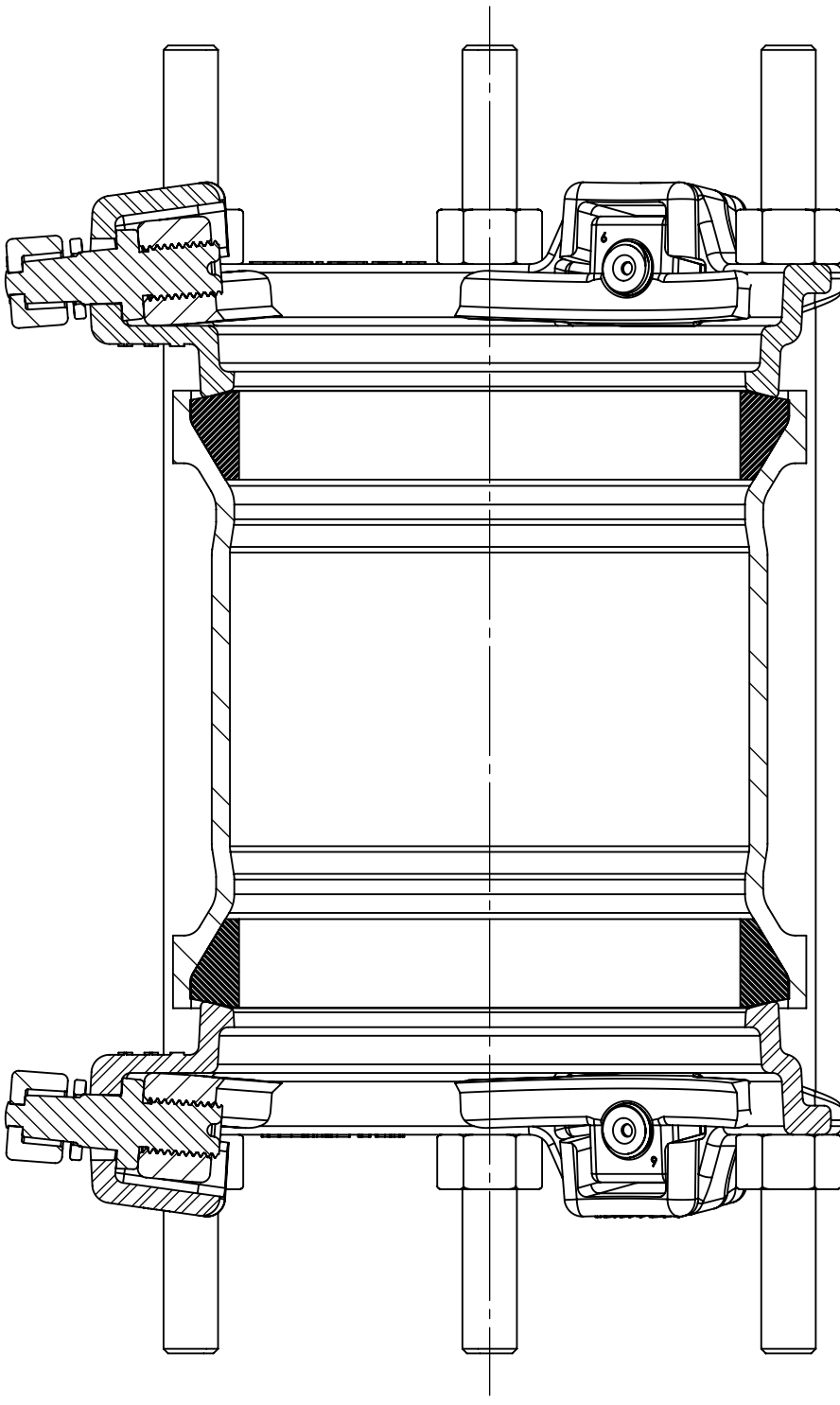
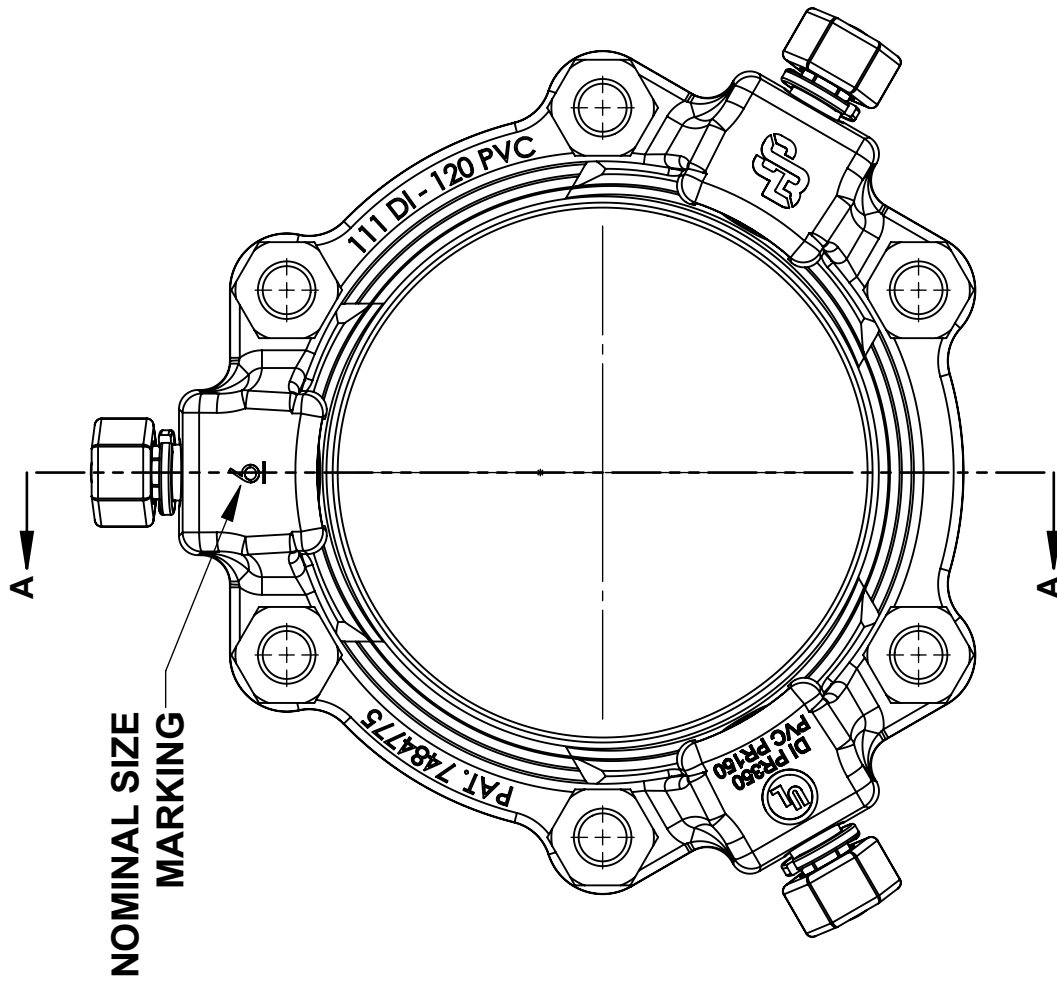
OPTIONS

- Type 304 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Type 316 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Multi-Seal Gasket 4" - 12"
- Alternative gasket material (e.g. Buna-N, EPDM, etc.)

NOTES

- These product specifications were correct at the time of publication and are subject to change without notice
- Pipe-Lock™ is a 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 notice

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SECTION A-A

PVC X PVC

- NOTES:
1. SEE SMITH-BLAIR CATALOG FOR ADDITIONAL DETAILS
 2. 6" COUPLING SHOWN OTHER SIZES SIMILAR
 3. SEE MODEL 477 AND 120 SPECIFICATIONS FOR ADDITIONAL DETAILS

TOLERANCES U.N.O. XX= +.03 XXX= +.015 FRACTIONS= 1/16 ANGLES= ±1° MACH. FIN.	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE
SCALE: N/A	DRN	CHD	DATE
TITLE			10/19/15
SPECIFICATION			
PIPE-LOCK™ STEEL RESTRAINT COUPLING			
MODEL 472			
P/N		N/A	
SMITH-BLAIR, Inc.		SPEC_472.DRW	
TEXARKANA, ARKANSAS		1 OF 1	
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