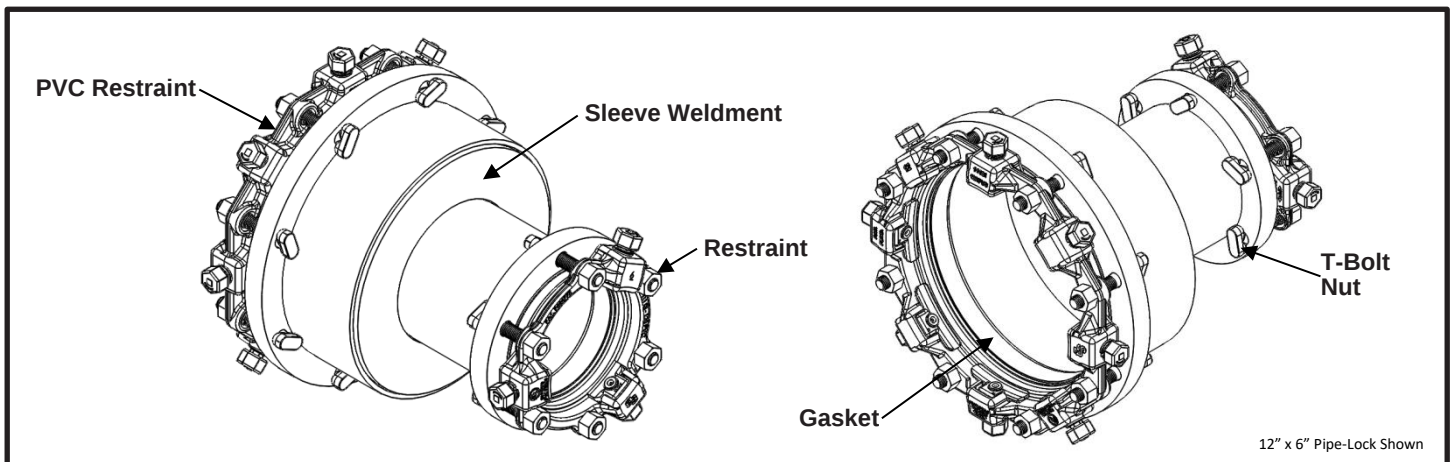


SPECIFICATION

PIPE-LOCK™ STEEL RESTRAINT COUPLING

MODEL 476



APPLICATIONS

- **Typical Uses**
 - Reducing coupling to join and restrain plain-end PVC pipe end to plain-end D.I. pipe end
 - Reducing coupling to join and restrain plain-end PVC pipe end to plain-end Steel pipe end
- **Standard Pipe Size**
 - DI sized 3" - 48" nominal
 - IPS sized 3" - 12" nominal
- **Type of Pipe**
 - Ductile Iron, Carbon Steel
 - PVC

Suitable applications for PVC are limited to SDR 26 or heavier wall pipe as defined by ASTM D2241
- **Working Pressure**
 - Ductile Iron or Carbon Steel
 - DI pipe sizes 3" - 16" = 350 psi, 18" - 48" = 250 psi
 - IPS pipe sizes 3" - 12" = 250 psi
 - PVC
 - Rated at pressure rating of the PVC pipe installed on
 - DI pipe sizes 4" - 24" = 235 psi, 30" = 150 psi, 36" = 125 psi
 - IPS pipe sizes 3" - 12" = 250 psi

The pressure rating for Pipe-Lock™ will be the lower of the two pipes when coupling/ restraining together pipes with different pressure ratings.

MATERIALS

- **Sleeve**
 - See 477 specification document
- **Restraint**
 - See 111 and 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



SPECIFICATION

PIPE-LOCK™ STEEL RESTRAINT COUPLING

MODEL 476

- **T-Bolt**
 - HSLA Carbon Steel per AWWA C111/A21.11
 - 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
 - 42" – 48" nominal pipe size = 1-1/4" – 7 UN
 - Rolled threads for improved physical characteristics, greater thread accuracy, and smooth surface finish
- **Nut**
 - HSLA Carbon Steel per AWWA C111/A21.11
 - Size:
 - 3" nominal pipe size = 5/8" – 11 UNC, Heavy Hex Semi-Finished
 - 4" – 24" nominal pipe size = 3/4" – 10 UNC, Heavy Hex Semi-Finished
 - 30" – 36" nominal pipe size = 1-0" – 8 UNC, Heavy Hex Semi-Finished
 - 42" – 48" nominal pipe size = 1-1/4" – 7 UNC, Heavy Hex Semi-Finished

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

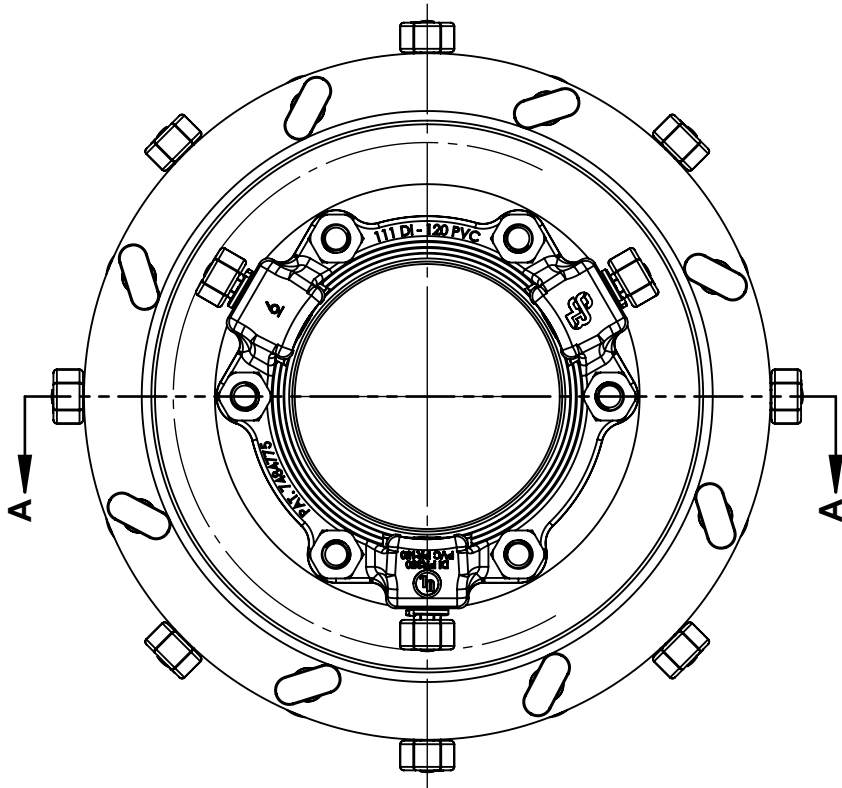
OPTIONS

- 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.)

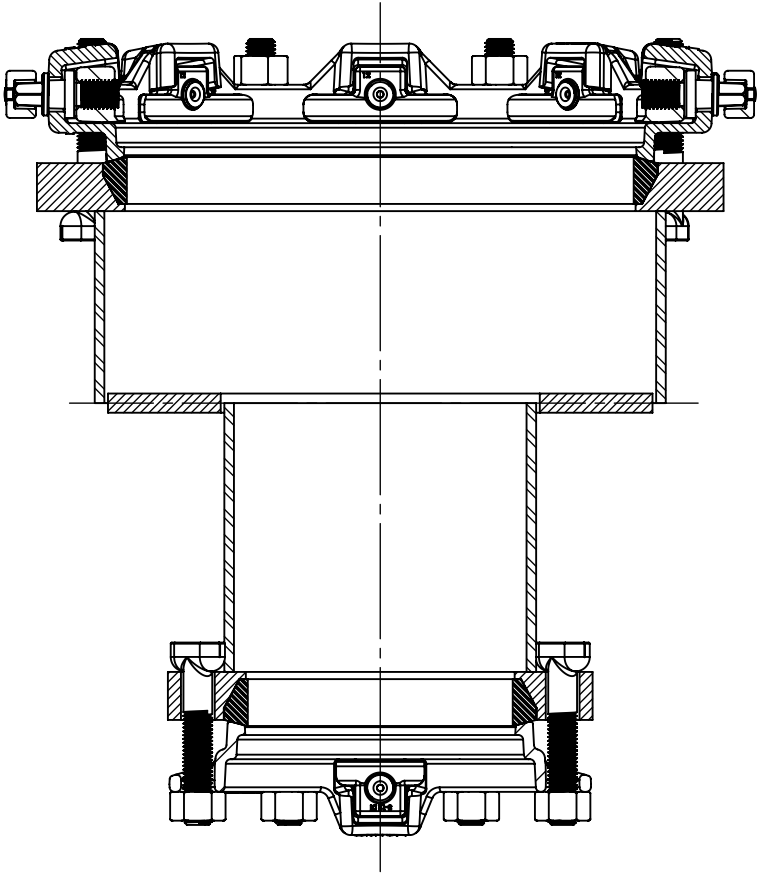
NOTES

- 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

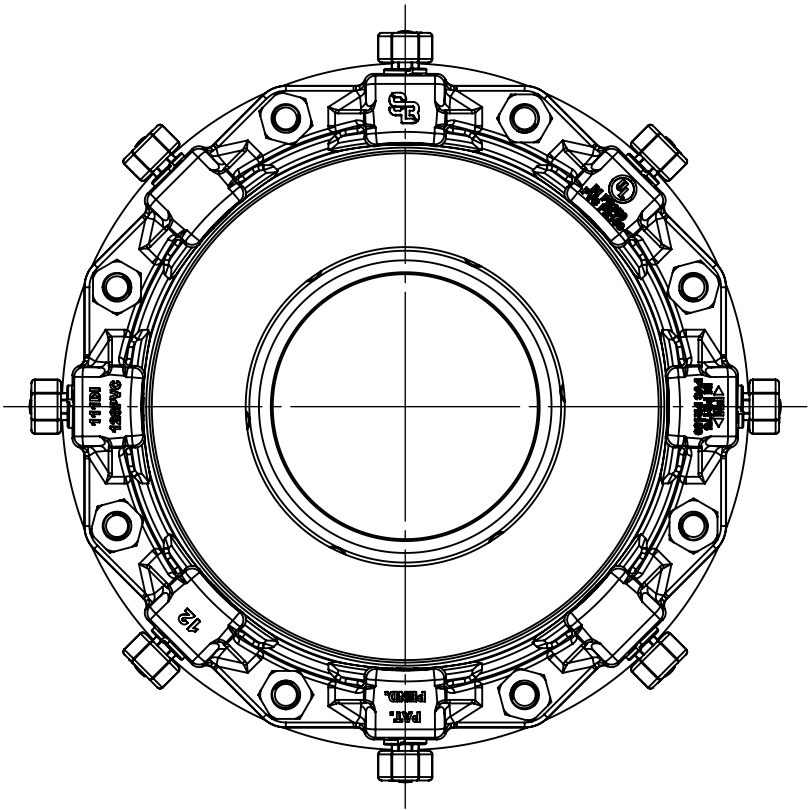
30 Globe Ave, Texarkana, AR 71854
Ph: 870-773-5127 • Fax: 870-773-5212
Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792



SMALL O.D.



SECTION A-A



LARGE O.D.

PVC X DI/STEEL

(DI 3" - 48" & IPS 3" - 12")
(PVC 3" - 36")

NOTES:

- 1. SEE SMITH-BLAIR CATALOG FOR ADDITIONAL DETAILS
- 2. 12" X 6" COUPLING SHOWN OTHER SIZES SIMILAR
- 3. SEE MODEL 477, 111, AND 120 SPECIFICATIONS FOR ADDITIONAL DETAILS

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
		CK'D	DATE
	SCALE: N/A	DRN	CHD
	ALL DIMENSIONS ARE IN INCHES.		DATE
TITLE SPECIFICATION PIPE-LOCK™ STEEL RESTRAINT COUPLING MODEL 476			
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS		P/N N/A	
		SPEC_476.DRW	1 OF 1 SHEET
		DWG. NO.	8/6/20 REV.