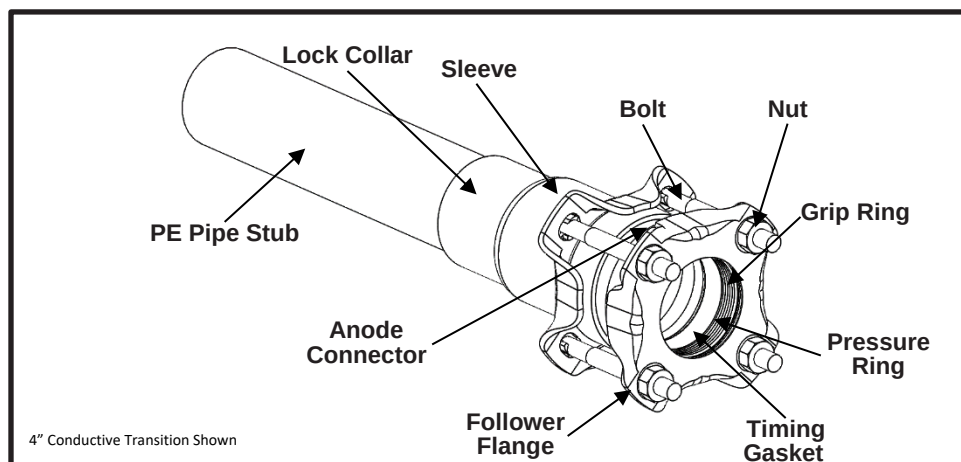


SPECIFICATION

MAXI-GRIP® EZ

RESTRAINT TRANSITION FITTING



APPLICATIONS

- **Typical Uses**
 - Fusing plain end IPS PE Pipe x seal and restraint of CIPS or IPS of plain end pipe
- **Standard Pipe Sizes**
 - 2" to 12" nominal
- **Type of Pipe**
 - PE x PE (2" to 8" only)
 - PE x Steel
 - PE x Cast Iron
- **Pressure Rating**
 - Working Pressure: 125 PSI
 - Test Pressure = (Working Pressure) x 2

MATERIALS

- **Lock Collar**
 - Material: 2" - 8" nominal pipe size(s) = ASTM A53, Carbon Steel
10" - 12" nominal pipe size(s) = ASTM A36, Carbon Steel
 - Flexi-Coat® fusion bonded epoxy
- **Stiffener**
 - Material: ASTM A53, Carbon Steel
- **Collar O-Rings**
 - Material: Styrene Butadiene Rubber
- **PE Pipe Stub**
 - Material: High Density or Medium Density Polyethylene
 - Restrained in Lock Collar with Stiffener
- **Follower Flange**
 - Material:
 - 2" - 4" nominal IPS pipe size(s) = ASTM A569 Grade 1008/1010 HR, Carbon Steel
 - 6" - 12" nominal IPS pipe size(s) = ASTM A536 Grade 65-45-12, Ductile Iron
 - 2" - 6" nominal CIPS pipe size(s) = ASTM A569 Grade 1008/1010 HR, Carbon Steel
 - 8" - 12" nominal CIPS pipe size(s) = ASTM A536 Grade 65-45-12, Ductile Iron
 - Flexi-Coat® fusion bonded epoxy



Smith-Blair
a xylem brand

SPECIFICATION

MAXI-GRIP® EZ

RESTRAINT TRANSITION FITTING

- **Grip Ring**
 - Material: 2" - 8" nominal IPS pipe size(s) = ASTM A513 DOM 1026, Carbon Steel
10" - 12" nominal IPS pipe size(s) = ASTM A36, Carbon Steel
CIPS pipe size(s) = AISI T304, Stainless Steel
 - Case hardened teeth
 - IPS Size(s) coated in red oxide primer
- **Timing Gasket**
 - Material: IPS pipe size(s) = ASTM D2000 Styrene Butadiene Rubber
CIPS pipe size(s) = ASTM D2000 Natural Rubber, Insulating
 - Timing Skirt
- **Sleeve**
 - Material: 2" - 4" nominal pipe size(s) = ASTM A513 Grade 1008/1010 HREW, Carbon Steel
6" - 12" nominal pipe size(s) = ASTM A283 Grade C, Carbon Steel
 - Flexi-Coat® fusion bonded epoxy on outer diameter
- **Pressure Ring**
 - For IPS Sizes:
ASTM A569 Grade 1008/1010 HR, Carbon Steel
Coated in red oxide primer
 - For CIPS Sizes:
AISI T304, Stainless Steel
- **Wave Spring**
 - AISI C-1080 Spring Temper Steel
 - Used in lieu of Timing Skirt on 10" size
- **Anode Connector**
 - 1" length, 1/4" tubular copper clad conductor for sacrificial anode or cathodic protection
 - Equipped with copper lead wire and brass clip for continuity
- **Bolts**
 - High Strength Low Alloy (HSLA) Steel
 - 5/8"-11UNC, Track-head, barbed for continuity
 - Rolled threads
- **Nuts**
 - HSLA Steel
 - 5/8"-11UNC, X-Heavy Hex Semi-Finished
- **Flange Insulator**
 - HSLA Steel
 - 5/8"-11UNC, X-Heavy Hex Semi-Finished
 - CIPS size(s) only



Smith-Blair
a xylem brand

SPECIFICATION MAXI-GRIP® EZ RESTRAINT TRANSITION FITTING

REGULATIONS

- Marked in accordance with DOT CFR49-192.63(a)(2)
- 1-1/4" through 8" EZ Maxi-Grip couplings are manufactured, and have been tested, to Category 1 standards for use on PE Pipe in accordance with DOT CFR49-192.281(e) and ASTM F1948-19

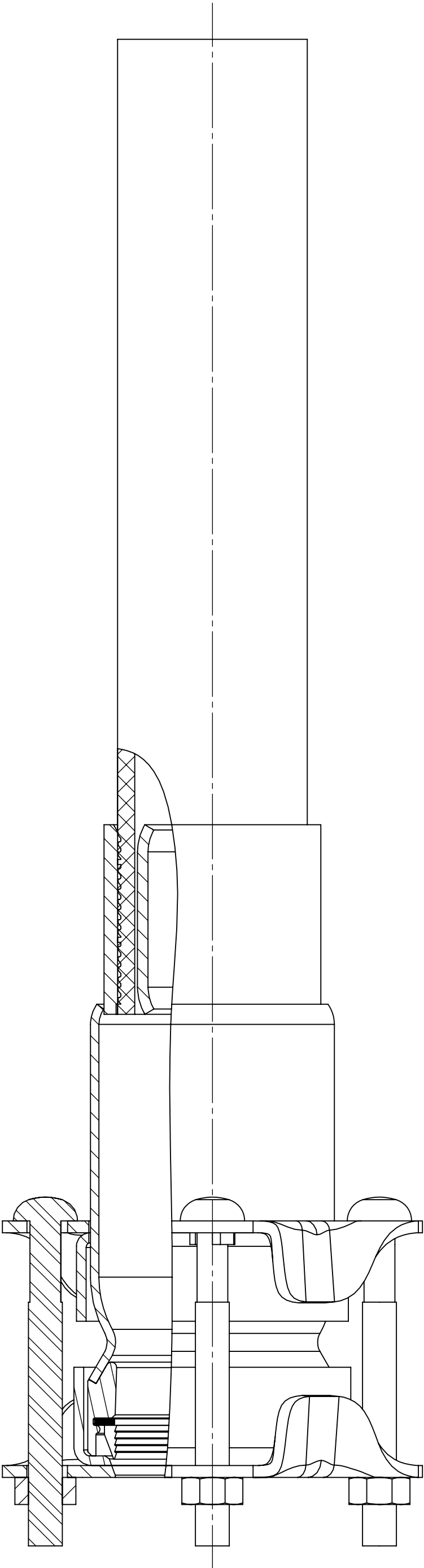
OPTIONS

- Stainless Steel hardware with fluoropolymer coated nuts
- Insulating components (flange, sleeve, pipe end insulators) for IPS Sizes up to 8"

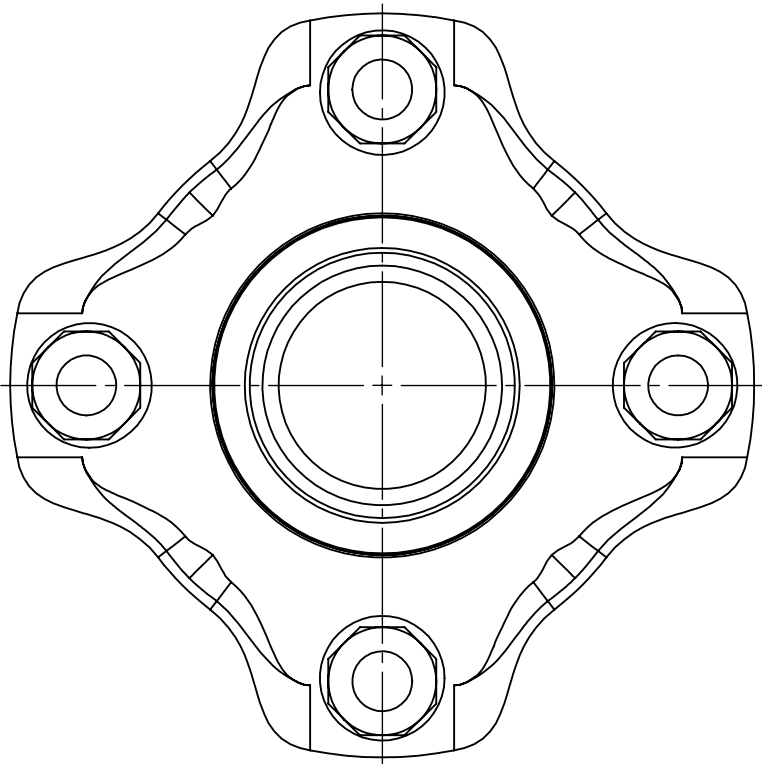
NOTES

- Pipe stiffeners **required** when the coupling end of this product is used on MDPE or HDPE
- Xylem, Smith-Blair, SB stylized, Flexi-Coat, and Maxi-Grip 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

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



NOTES:
SEE SMITH-BLAIR CATALOG FOR ADDITIONAL DETAILS
4" TRANSITION FITTING SHOWN, OTHER SIZES SIMILAR



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	SPW	DATE
					10/26/2020

TITLE
SPECIFICATION
MAXI-GRIP® EZ™
RESTRAINT TRANSITION FITTING

SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS	P/N	VARIOUS	
	SPEC_EZ_Trans.DRW		
	DWG. NO.	4 OF 4 SHEET	10/26/2020 REV.