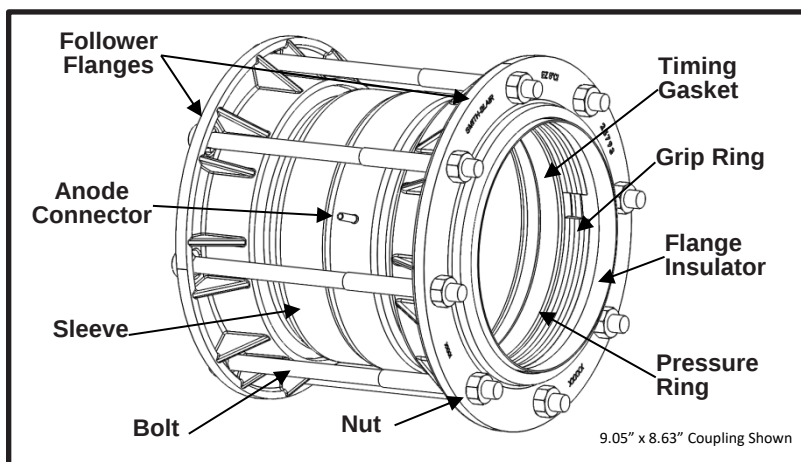


SPECIFICATION

MAXI-GRIP® EZ

CLASS III RESTRAINT COUPLING



APPLICATIONS

- **Typical Uses**
 - Joining and restraining CIPS x IPS plain end pipes
 - For insulating reducing connection applications
- **Standard Pipe Sizes**
 - 2" to 12" nominal
- **Type of Pipe**
 - Cast Iron x Steel
 - Cast Iron x PE (2" x 1-1/4" to 13.20" x 12")
- **Pressure Rating**
 - Working Pressure: 60 PSI
 - Test Pressure = (Working Pressure) x 2

MATERIALS

- **Follower Flanges**
 - Material: 1-1/4" - 4" nominal pipe size(s) = ASTM A569 Grade 1008/1010 HR, Carbon Steel
6" - 12" nominal pipe size(s) = ASTM A536 Grade 65-45-12, Ductile Iron
 - Flexi-Coat® fusion bonded epoxy
- **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
 - Standard Length: 2" - 8" nominal pipe size(s) = 7"
10" - 12" nominal pipe size(s) = 10"
 - Flexi-Coat® fusion bonded epoxy on outer diameter
- **Grip Rings**
 - For IPS Sizes:
 - Material: 1-1/4" - 8" nominal pipe size(s) = ASTM A513 DOM 1026, Carbon Steel
10" - 12" nominal pipe size = ASTM A36, Carbon Steel
 - Case hardened teeth
 - Coated in red oxide primer
 - For CIPS Sizes:
 - AISI T304 Stainless Steel
 - Plasma nitride teeth



Smith-Blair
a xylem brand

SPECIFICATION

MAXI-GRIP® EZ

CLASS III RESTRAINT COUPLING

- **Pressure Rings**
 - 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 1-1/4" and 10" IPS size(s)
- **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
- **Timing Gaskets**
 - Material: Cast Insulating side = ASTM-D2000 Natural Rubber
IPS Conductive side = ASTM D2000 SBR Rubber
 - Resistant to Natural Gas, Natural Gas Odorants, Carbon Dioxide, Water, UV, Ozone, and other chemicals
 - Timing Skirt
- **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**
 - Nylon Plastic

REGULATIONS

- Marked in accordance with DOT CFR49-192.63(a)(2)
- 1-1/4" through 12", 10" Excluded, 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

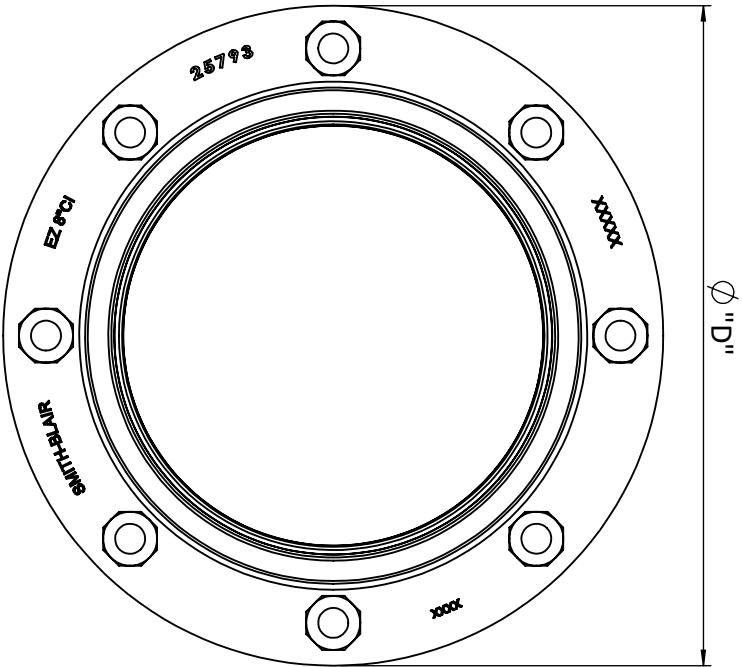
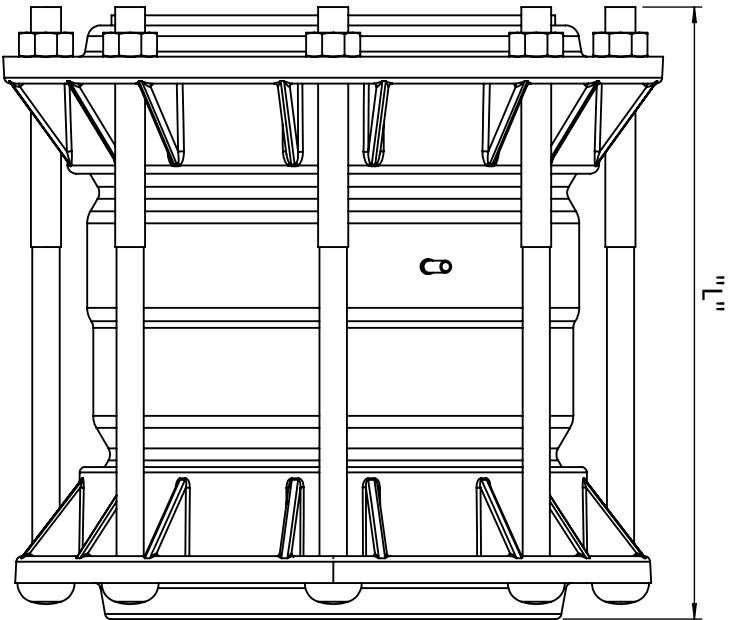
OPTIONS

- Stainless Steel hardware with fluoropolymer coated nuts

NOTES

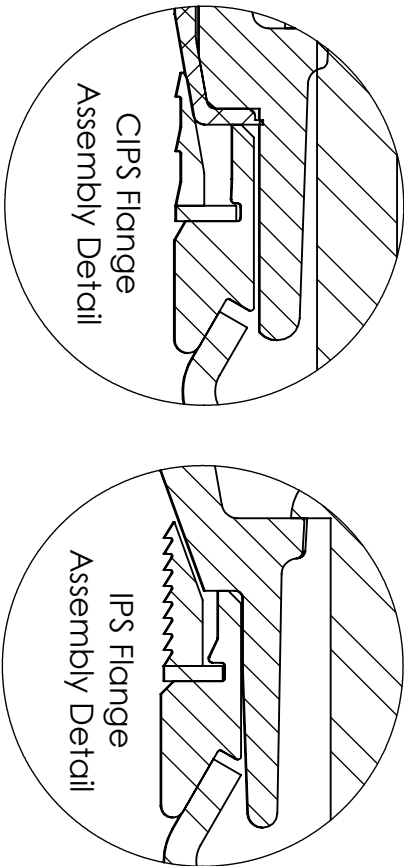
- Pipe end insulators and polypropylene boot also provided
- Pipe stiffeners **required** when this product is used on MDPE or HDPE
- For IPS x IPS straight applications, see Class I EZ specification
- For IPS x IPS reducing applications, see Class II EZ specification
- Xylem, Smith-Blair, SB stylized, 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



SEE CATALOG FOR ORDERING DETAILS
CONTACT SMITH-BLAIR FOR ADDITIONAL CONFIGURATIONS

CLASS III CIPS X IPS					
PART NUMBER	PIPE SIZE (CI X IPS)	DIAMETER "D" (IN)	LENGTH "L" (IN)	BOLT QUANTITY	WEIGHT (LBS)
EZ25169C7UMG	2.50 X 1.66	7.75	12.50	3	15
EZ25239B7UMG	2.50 X 2.38	7.75	12.50	3	17
EZ27239B7UMG	2.75 X 2.38	7.75	12.50	3	17
EZ38239B7UMG	3.80 X 2.38	8.50	12.50	4	25
EZ38359B7UMG	3.80 X 3.50	8.50	12.50	4	24
EZ48239B7UMG	4.80 X 2.38	9.40	12.50	4	26
EZ48359B7UMG	4.80 X 3.50	9.40	12.50	4	29
EZ48459B7UMG	4.80 X 4.50	9.40	12.50	4	27
EZ69459B7UMG	6.90 X 4.50	11.75	12.50	6	44
EZ69669D7UMG	6.90 X 6.63	11.75	12.50	6	47
EZ71459B7UMG	7.10 X 4.50	11.75	12.50	6	44
EZ71669D7UMG	7.10 X 6.63	11.75	12.50	6	48
EZ90669D7UMG	9.05 X 6.63	13.75	12.63	8	76
EZ90869B7UMG	9.05 X 8.63	13.75	12.63	8	66
EZ93669D7UMG	9.30 X 6.63	13.75	12.63	8	76
EZ93869B7UMG	9.30 X 8.63	13.75	12.63	8	66
EZ132127D10UMG	13.20 X 12.75	18.35	16.50	16	142



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		
ALL DIMENSIONS ARE IN INCHES.	SCALE: N/A	DRN	SPW	DATE	7/17/15
TITLE					
SPECIFICATION					
MAXI-GRIP® EZ™					
CLASS III RESTRAINT COUPLING					
SMITH-BLAIR, Inc.		P/N			
TEXARKANA, ARKANSAS		VARIOUS			
SPEC_EZIII.DRW		3 OF 3		5/19/2021	
DWG. NO.		SHEET		REV.	