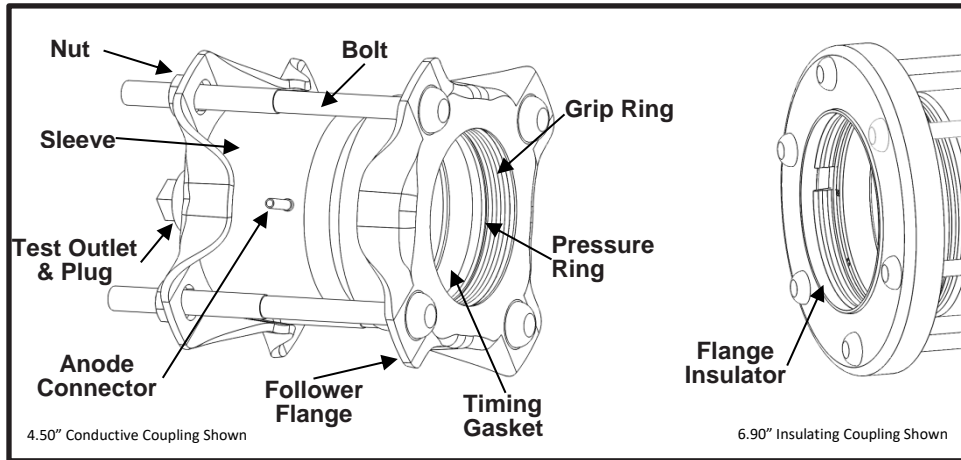




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SPECIFICATION MAXI-GRIP® EZB RESTRAINT LINE CAP COUPLING



APPLICATIONS

- **Typical Uses**
 - Capping and restraining plain end pipes
 - For conductive and insulating applications
- **Standard Pipe Sizes**
 - 2" to 12" nominal
- **Type of Pipe**
 - PE
 - Steel
 - Cast Iron
- **Pressure Rating**
 - Working Pressure: PE = 125 PSI
Steel = 300 PSI
Cast Iron = 60 PSI
 - Test Pressure = (Working Pressure) x 2

MATERIALS

- **Follower Flange**
 - Material: 2" - 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: IPS Sizes = 5"
CIPS Sizes = 7"
 - Flexi-Coat® fusion bonded epoxy on outer diameter
- **Timing Gasket**
 - Material: IPS Conductive = ASTM-D2000 SBR Rubber
IPS & Cast Iron pipe size Insulating = ASTM D2000 Natural Rubber
 - Resistant to Natural Gas, Natural Gas Odorants, Carbon Dioxide, Water, UV, Ozone, and other chemicals
 - Timing Skirt



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SPECIFICATION

MAXI-GRIP® EZB

RESTRAINT LINE CAP COUPLING

▪ Grip Ring

- For IPS Sizes:
 - Material: 2" - 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 for maximum pipe gripping

▪ 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(s)

▪ Test Outlet & Plug

- Carbon Steel 1" FNPT Coupling
- Carbon Steel NPT Plug, Square Head
- Flexi-Coat® fusion bonded epoxy finish

▪ 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 Allow (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
- Standard for CIPS Sizes only

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
- Insulating for IPS Sizes
- Varying Test Outlet sizes



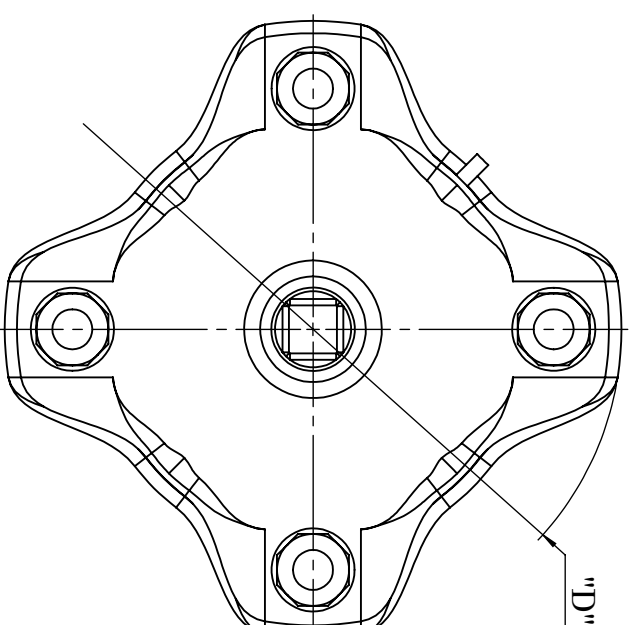
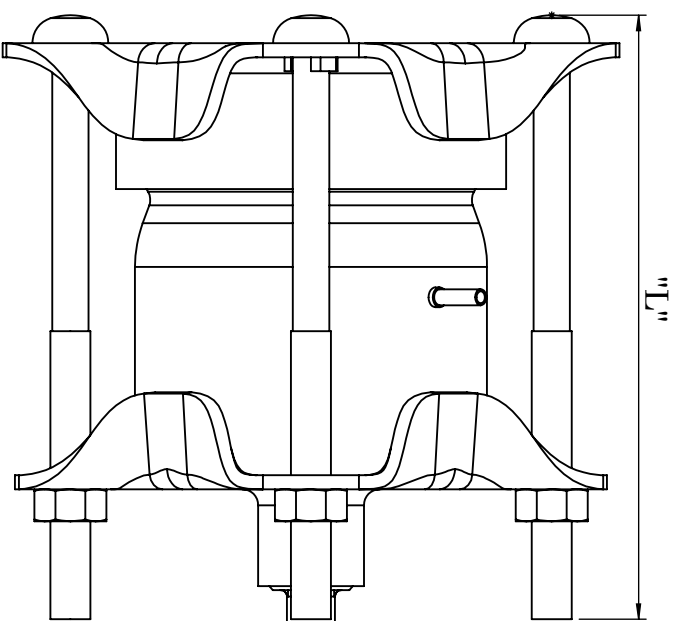
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SPECIFICATION MAXI-GRIP® EZB RESTRAINT LINE CAP COUPLING

NOTES

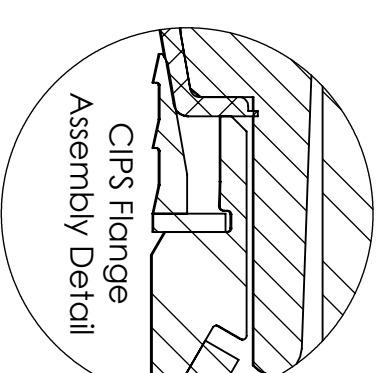
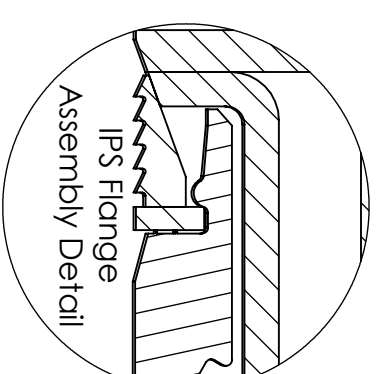
- Pressure subject to limitation by the lower of the cap rating and pipe rating (based on SDR for PE)
- Pipe end insulators and polypropylene boot also provided with insulating couplings
- Pipe stiffeners **required** when this product is used on MDPE or HDPE
- Xylem, Smith-Blair, SB stylized, Flexi-Coat, 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

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Ph: 870-773-5127 • Fax: 870-773-5212
Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792



SEE CATALOG FOR ORDERING DETAILS

EZB IPS SIZES					
PART NUMBER	PIPE SIZE	DIAMETER "D" (IN)	LENGTH "L" (IN)	BOLT QUANTITY	WEIGHT (LBS)
EZB2BVUMG	2.38	6.75	9.50	3	14
EZB3BVUMG	3.50	7.75	9.50	4	16
EZB4BVUMG	4.50	8.50	9.50	4	20
EZB6DVUMG	6.63	11.00	9.50	6	31
EZB8BVUMG	8.63	13.25	9.63	8	58
EZB10VUMG	10.75	16.50	9.75	12	118
EZB12DVUMG	12.75	18.00	9.75	16	140



EZB CIPS SIZES					
PART NUMBER	PIPE SIZE	DIAMETER "D" (IN)	LENGTH "L" (IN)	BOLT QUANTITY	WEIGHT (LBS)
EZB25BVUMG	2.50	7.75	11.50	3	19
EZB27BVUMG	2.75	7.75	11.50	3	19
EZB38BVUMG	3.80	8.50	11.50	4	21
EZB48BVUMG	4.80	9.40	11.50	4	22
EZB69BVUMG	6.90	11.75	11.50	6	42
EZB71BVUMG	7.10	11.75	11.50	6	42
EZB90BVUMG	9.05	13.75	11.63	8	67
EZB93BVUMG	9.30	13.75	11.63	8	67
EZB132DVUMG	13.20	18.35	11.75	16	140

TOLERANCES U.N.O.		NOTES: REMOVE BURRS AND SHARP EDGES. DO NOT SCALE DWG.		APP'D	DATE
XX= ±.03	XXX= ±0.15	SCALE: N/A		CK'D	DATE
FRACTIONS=	ANGLES=±1°			DRN	SPW
MACH. FIN=	ALL DIMENSIONS ARE IN INCHES.				DATE
					7/30/15

TITLE
SPECIFICATION
MAXI-GRIP® EZB™
LINE CAP RESTRAINT COUPLING

SMITH-BLAIR, Inc.
 TEXARKANA, ARKANSAS

P/N: VARIOUS
 SPEC_EZB.DRW
 DWG. NO.

4 OF 4 SHEET
 5/19/2021 REV.