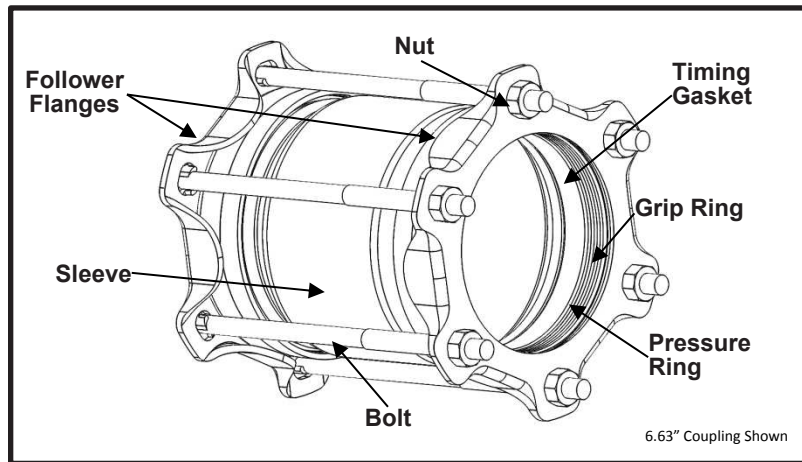


SPECIFICATION

MAXI-GRIP® EZ-W

RESTRAINT COUPLING EZWS



APPLICATIONS

- **Typical Uses**
 - Joining and restraining plain-end pipe of same outside diameters
 - For straight connection applications
- **Standard Pipe Sizes**
 - IPS: 1" to 12" nominal
 - DIPS: 2" to 8" and 12" nominal
- **Type of Pipe**
 - MDPE and HDPE (with stiffener, minimum DR32.5), Steel, Ductile Iron, PVC (minimum DR26)
- **Working Pressure**
 - PE: 200 PSI
 - Steel: 300 PSI
 - Ductile Iron: 300 PSI
 - PVC: 235 PSI

MATERIALS

- **Follower Flanges**
 - Material: 2" - 6" nominal pipe size(s) = ASTM A569 Grade 1008/1010 HR, Carbon Steel
8" - 12" nominal pipe size(s) = ASTM A536 Grade 65-45-12, Ductile Iron
 - Flexi-Coat® fusion bonded epoxy finish
- **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"
12" nominal pipe size = 10"
 - Flexi-Coat® fusion bonded epoxy finish
- **Grip Rings**
 - Material: 2" - 8" nominal pipe size(s) = ASTM A513 DOM 1026, Carbon Steel
12" nominal pipe size = ASTM A36, Carbon Steel
 - Coated in red oxide primer
 - Case hardened teeth



SPECIFICATION MAXI-GRIP® EZ-W RESTRAINT COUPLING EZWS

- **Pressure Rings**
 - ASTM A569 Grade 1008/1010 HR, Carbon Steel
 - Coated in red oxide primer
- **Timing Gaskets**
 - SBR ASTM-D2000 Rubber
 - Resistant to Carbon Dioxide, Water, UV, Ozone, and other chemicals
 - Temperature Range: -40°F to +150°F
- **Bolts**
 - High Strength Low Alloy (HSLA) Steel per AWWA C111/A21.11
 - 5/8"-11UNC, Oval Neck, Track-head with Rolled Threads
- **Nuts**
 - HSLA Steel per AWWA C111/A21.11
 - 5/8"-11UNC, Heavy Hex Semi-Finished

LISTINGS/STANDARDS

- Meets applicable AWWA C219 standards
- Flexi-Coat® Fusion-Bonded Epoxy Coating meets requirements of AWWA C213

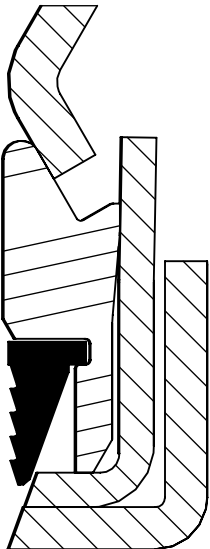
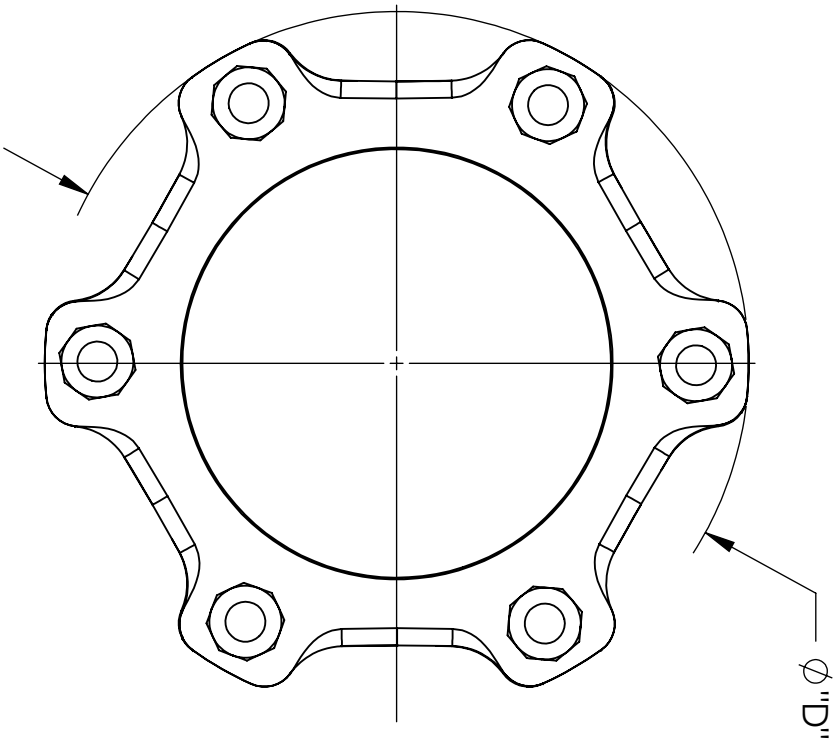
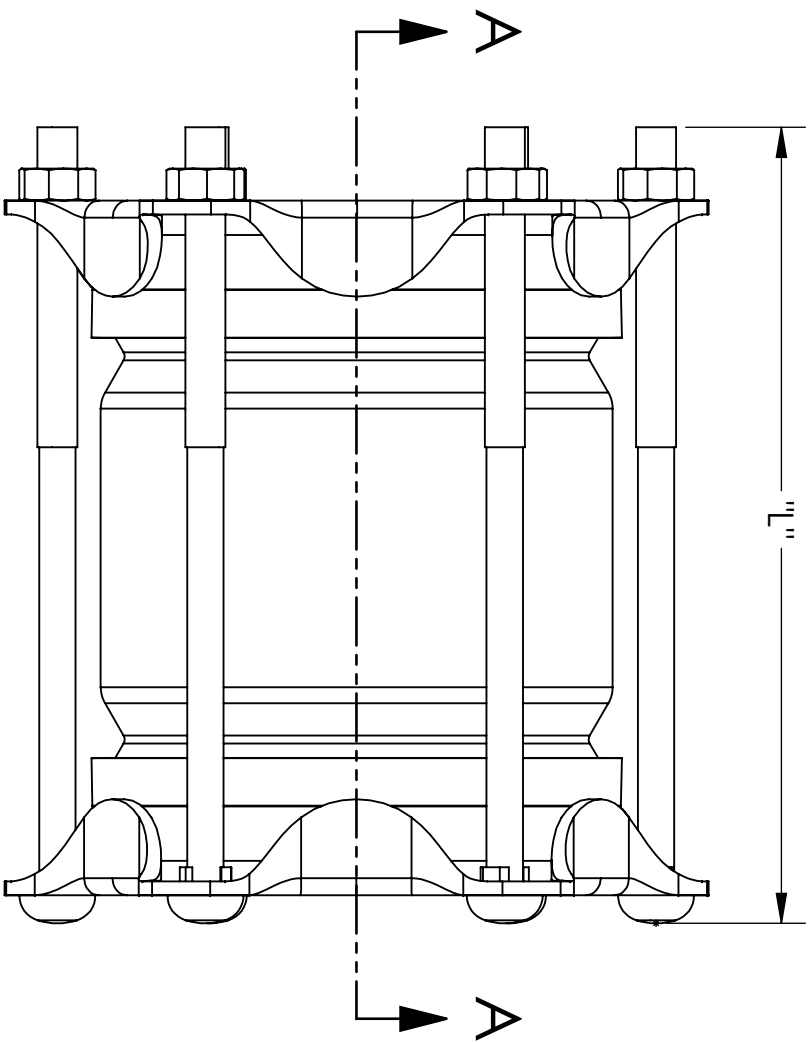
OPTIONS

- Stainless Steel hardware with fluoropolymer coated nuts
- Anode connector

NOTES

- Pipe stiffeners **required** when this product is used on MDPE or HDPE pipe types
- Stainless Steel stiffeners are recommended for Water and Waste Water applications
- For reducing applications, see EZWR specification
- Xylem, Smith-Blair, SB stylized, Top Bolt 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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SEE CATALOG FOR PART NUMBERS AND ORDERING DETAILS
*STYLE USES AISI-C-1080 STEEL, TEMPERED WAVE SPRING

SECTION A-A

PIPE SIZE (IN)	DIAMETER "D" (IN)	LENGTH "L" (IN)	BOLT QUANTITY	WEIGHT (LBS)
1.32*	3.00	9.50	3	8
1.66*	4.31	9.50	3	9
2.38	6.75	12.50	3	14
3.50	7.75	12.50	4	19
3.80	8.50	12.50	4	23
4.50	8.50	12.50	4	25
4.80	9.64	12.50	4	26
6.63	11.00	12.50	6	36
6.90	11.75	12.50	6	43
8.63	13.25	12.50	8	61
9.05	13.75	12.50	8	68
10.75*	15.15	15.50	12	136
12.75	18.00	15.50	12	120
13.20	18.35	15.50	12	121

TOLERANCES U.N.O.		NOTES: REMOVE BURRS AND SHARP EDGES. DO NOT SCALE DWG.		APP'D	DATE
XX= +.03 XXX= +.015 FRACTIONS= ANGLES=+1° MACH. FIN=		SCALE:		CK'D	DATE
ALL DIMENSIONS ARE IN INCHES.		N/A	DRN	SPW	6/29/15
TITLE					
SPECIFICATION					
MAXI-GRIP® EZ-W RESTRAINT COUPLING					
MODEL EZWS					
P/N		Various			
SMITH-BLAIR					
TEXARKANA, ARKANSAS		SPEC_EZWS.DRW		3 OF 3	4/27/18
DWG. NO.		SHEET		REV.	