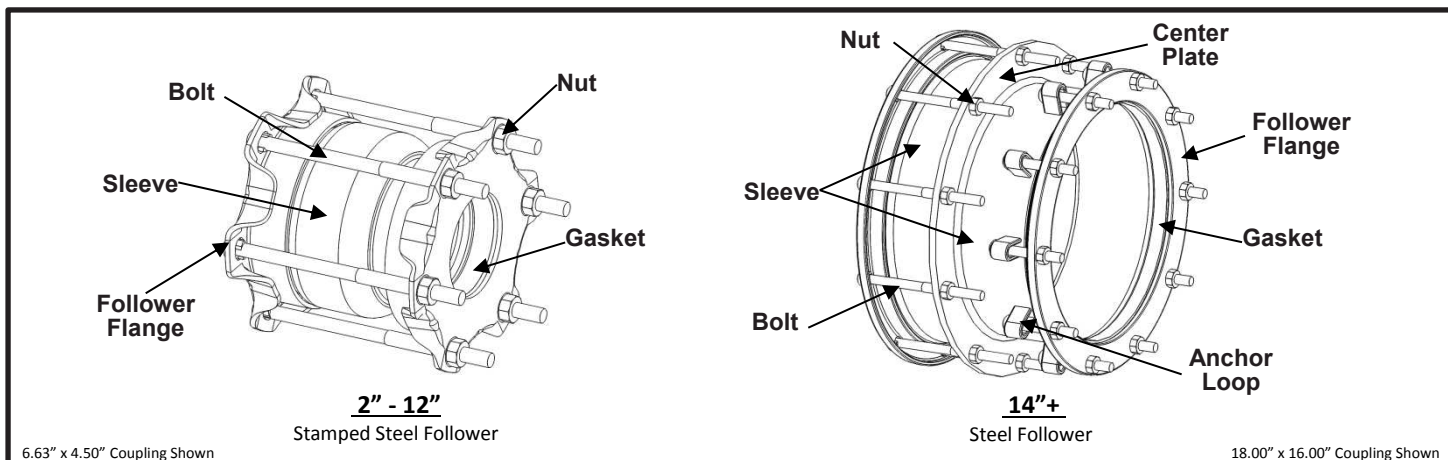


SPECIFICATION

E-SERIES SEAL-ONLY

IPS REDUCING COUPLING



APPLICATIONS

- **Typical Uses**
 - Joining IPS x IPS plain end pipes of different outside diameter
 - For conductive connection applications
- **Standard Pipe Sizes**
 - 2" to 1-1/4" nominal and greater
- **Type of Pipe**
 - Steel x Steel
- **Pressure Rating**
 - Working Pressure: Up to 2" to 1-1/2" nominal pipe size(s) = 150 PSI
3" to 2" - 12" to 10" nominal pipe size(s) = 400 PSI
14"+ nominal pipe size(s) = 150 PSI
 - Test Pressure = (Working Pressure) x 2

MATERIALS

- **Follower Flanges**
 - Material: 1-1/4" - 12" nominal pipe size(s) = ASTM A569 Grade 1008/1010 HR, Carbon Steel
14"+ nominal pipe sizes(s) = ASTM A576 C1020 Carbon Steel
 - Flexi-Coat® fusion bonded epoxy
- **Sleeve**
 - Material: 1-1/4" - 12" nominal pipe size(s) = ASTM A513 Grade 1008/1010 HREW, Carbon Steel
14"+ nominal pipe size(s) = ASTM A283 Grade C, Carbon Steel
 - Standard Lengths: 7", 12"
 - Flexi-Coat® fusion bonded epoxy
- **Center Plate**
 - ASTM A36, Carbon Steel
 - Flexi-Coat® fusion bonded epoxy
- **Anchor Loops**
 - ASTM A36, Carbon Steel
 - Welded to sleeve to secure each follower end independently
 - Flexi-Coat® fusion bonded epoxy

SPECIFICATION E-SERIES SEAL-ONLY IPS REDUCING COUPLING

- **Gaskets**
 - Material: 1-1/4" - 1-1/2" nominal pipe size(s) = Nitrile (Buna-N) ASTM-D2000 Rubber
2"+ nominal pipe size(s) = SBR ASTM-D2000 Rubber
 - Resistant to Natural Gas, Natural Gas Odorants, Carbon Dioxide, Water, UV, Ozone, and other chemicals
- **Bolts**
 - High Strength Low Alloy (HSLA) Steel
 - 5/8"-11UNC, Track-head, barbed for continuity
 - Rolled threads for improved physical characteristics, greater thread accuracy, and smooth surface finish
- **Nuts**
 - HSLA Steel
 - 5/8"-11UNC, X-Heavy Hex Semi-Finished

REGULATIONS

- Marked in accordance with DOT CFR49-192.63(a)(2)

OPTIONS

- Stainless Steel hardware with fluoropolymer coated nuts
- Bare Sleeve I.D.
- Conductive Bonded gasket
- EPDM Gasket
- Graphited Fiber gasket
- Nitrile Gasket
- Copper clad connector for sacrificial anode or cathodic protection

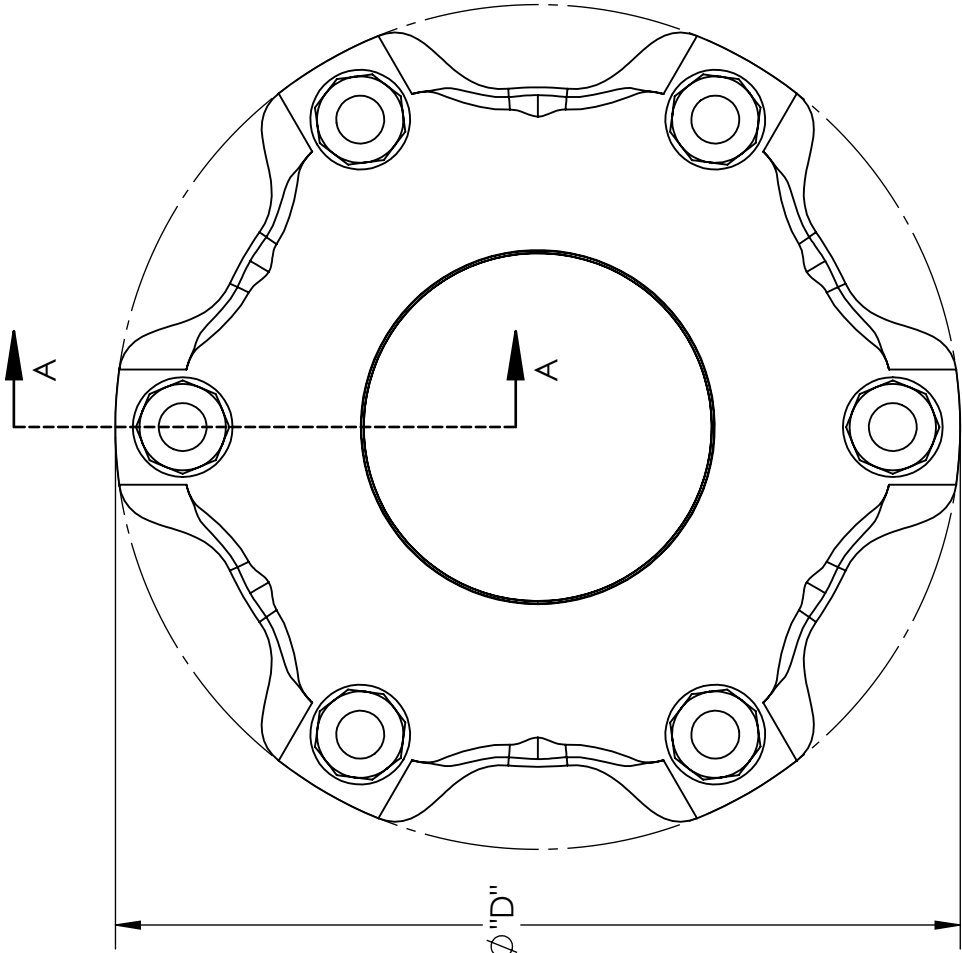
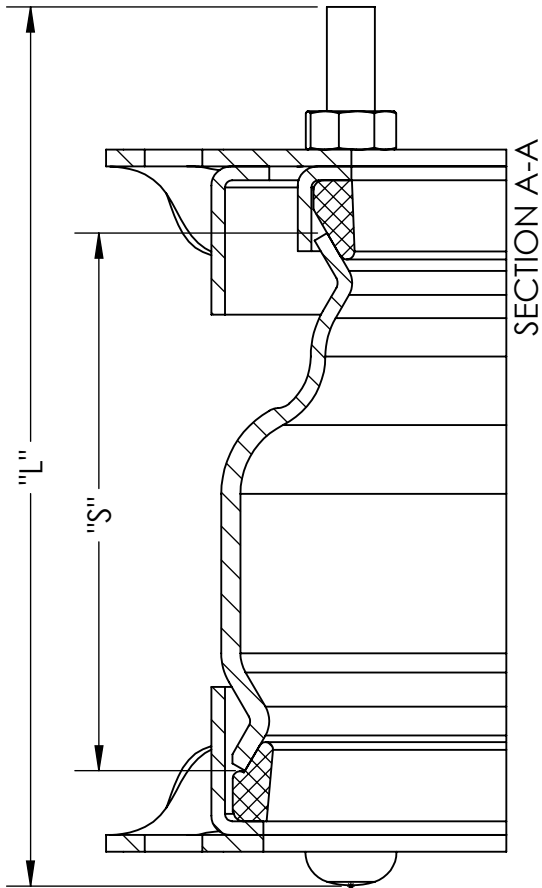
NOTES

- Additional specifications available for Cast Iron Reducing as well as IPS Straight and Insulating applications
- Flexi-Coat® is a registered trademark of Smith-Blair, Inc.
- 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



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.

2" to 1-1/4" THRU 12" to 10"
STAMPED STEEL FOLLOWER

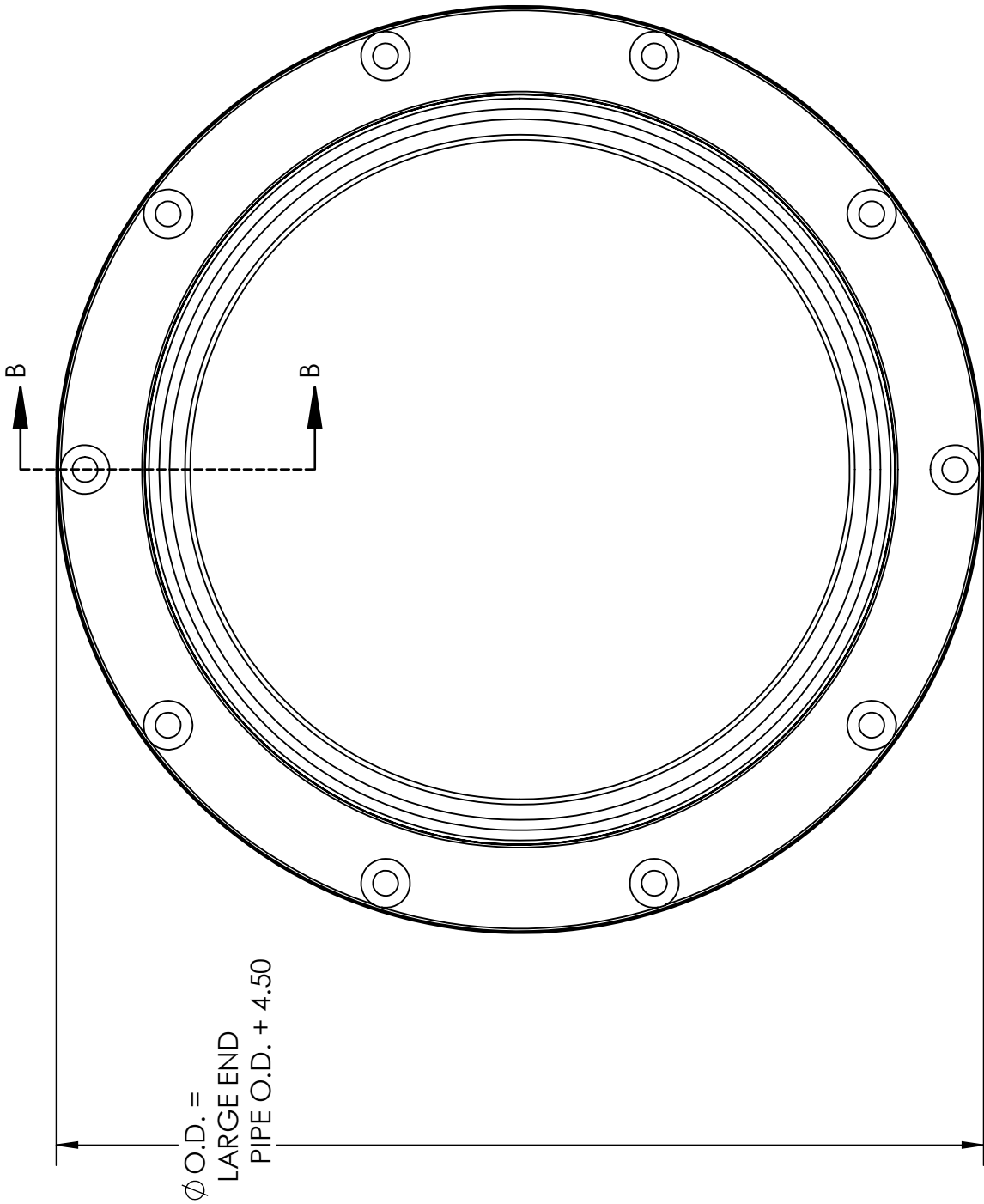


SEE CATALOG FOR ORDERING DETAILS
7" OR 10" SLEEVE, PLAIN GASKET CONFIGURATION SHOWN
CONTACT SMITH-BLAIR FOR ADDITIONAL CONFIGURATIONS

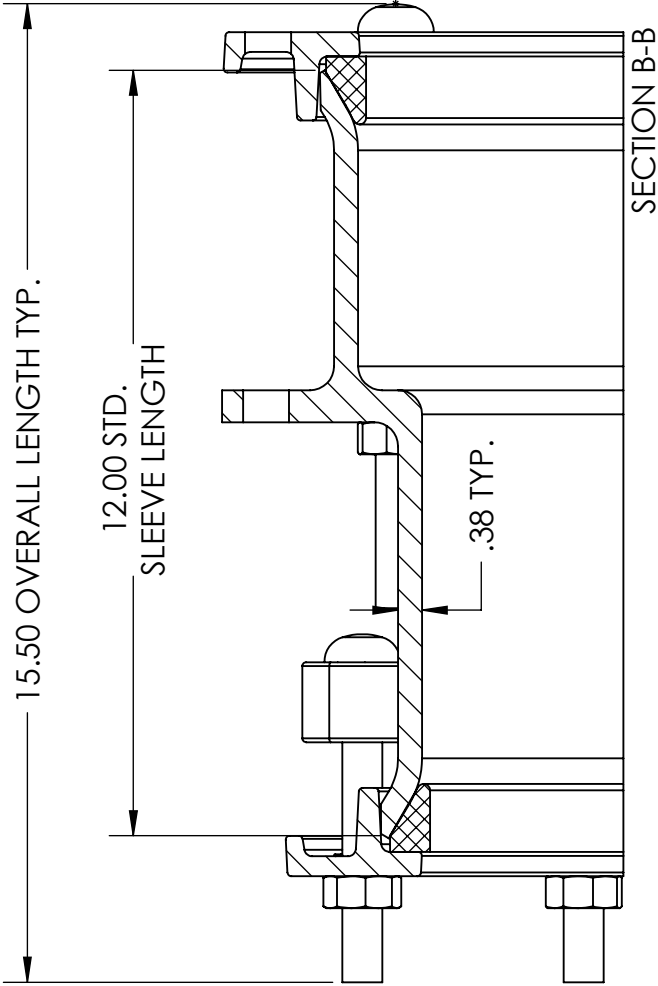
PIPE SIZE	STD. SLEEVE LENGTH "S"	DIAMETER "D"	LENGTH "L"	BOLT QUANTITY	WEIGHT (LBS)
2.38 X 1.66	7.00	6.75	11.00	3	12
2.38 X 1.90	7.00	6.75	11.00	3	14
3.50 X 2.38	7.00	7.75	11.50	4	17
4.50 X 2.38	7.00	8.50	11.50	4	20
4.50 X 3.50	7.00	8.50	11.50	4	20
6.63 X 4.50	7.00	11.00	11.50	6	32
8.63 X 6.63	7.00	13.50	11.50	6	50
10.75 X 8.63	10.00	15.75	13.50	8	97
12.75 X 8.63	10.00	18.00	13.50	8	110
12.75 X 10.75	10.00	18.00	13.50	8	115

TOLERANCES U.N.O. XX=+.03 XXX=+.015 FRACTIONS=1/16 ANGLES=1° MACH. FIN.	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE
ALL DIMENSIONS ARE IN INCHES.	SCALE: N/A	CK'D	DATE
		DRN	DATE
		SPW	DATE
			9/29/16
TITLE SPECIFICATION Seal-Only E-Series Coupling IPS Reducing			
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS		P/N Various	
E IPS Red.DRW		3 OF 4	11/14/16
DWG. NO.		REV.	

14"±
STEEL FOLLOWER



Ø O.D. =
LARGE END
PIPE O.D. + 4.50



SEE CATALOG FOR ORDERING DETAILS
.38" X 12" SLEEVE CONFIGURATION SHOWN, OTHER CONFIGURATIONS AVAILABLE
CONTACT SMITH-BLAIR FOR AVAILABLE SIZES AND PART NUMBERS

TOLERANCES U.N.O. XX= ±.03 XXX= ±.015 FRACTIONS= ±.015 ANGLES= ±1° MACH. FIN=	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE
		CK'D	DATE
	SCALE: N/A	DRN	DATE

9/29/16

TITLE SPECIFICATION Seal-Only E-Series Coupling IPS Reducing	P/N	Various
	E IPS Red.DRW	4 OF 4 SHEET

SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS	P/N		Various
	E IPS Red.DRW	4 OF 4 SHEET	11/14/16 REV.