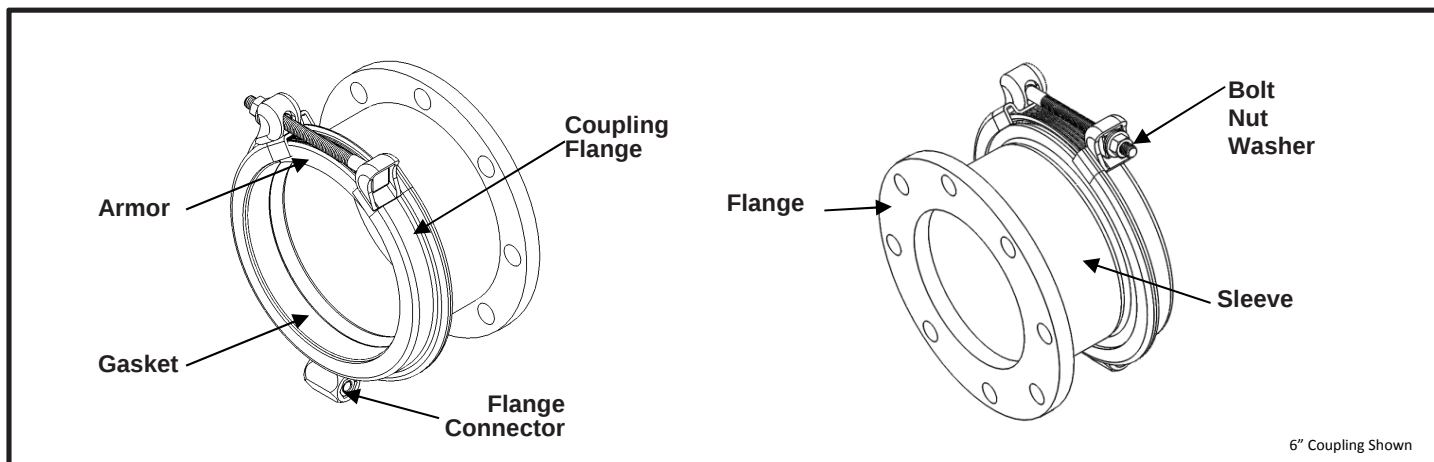


SPECIFICATION

TOP BOLT® WIDE RANGE FLANGED COUPLING ADAPTER MODEL 921



APPLICATIONS

- **Typical Uses**
 - Connects a wide variety of plain-end pipe to flanged fittings, meters, valves, or other flanged equipment.
- **Standard Pipe Sizes**
 - 2" to 12" nominal
- **Type of Pipe**
 - Carbon Steel, Stainless Steel, Ductile Iron, Asbestos Cement, PVC, Copper Tube, HDPE
(see notes for thin wall PVC & HDPE applications)
- **Working Pressure**
 - 175 psi

MATERIALS

- **Coupling Flange**
 - Carbon Steel per ASTM A283C, A285A or A36
 - Flexi-Coat® fusion bonded epoxy finish which meets application methods AWWA C213
 - Integral bolt head pocket for one wrench installation
 - Split flange design
- **Flange**
 - 2" – standard meter coupling flange Meets ANSI B16.5.
 - 3" thru 12" – AWWA C207 Class D ANSI 150 lb. drilling
 - Flexi-Coat® fusion bonded epoxy finish which meets application methods AWWA C213
- **Sleeve**
 - Carbon Steel per ASTM A283C, A285A, or A36
 - Flexi-Coat® fusion bonded epoxy finish which meets application methods AWWA C213
- **Gasket**
 - Nitrile (Buna-N) per ASTM D2000
 - NSF/ANSI 61 and 372 certified
 - Compounded to resist water, oil, acids, alkalies, most (aliphatic) hydrocarbon fluids, and many other chemicals
 - Temperature range: -20°F to +180°F
 - Bi-Directional removable inner gasket to accommodate wide range of pipe
 - Inner gasket can be reinstalled after removal
 - Allow for up to 4° of pipe deflection

SPECIFICATION

TOP BOLT® WIDE RANGE FLANGED COUPLING ADAPTER MODEL 921

- **Armor**
 - Hardened Type 304 Stainless Steel
 - Corrugated design helps reduce friction for better sliding action when tightening
- **Bolt**
 - Type 304 Stainless Steel
 - Epoxy Coated to help prevent galling
 - 9/16" - 12 UNC, Swivel Head Bolt with swivel type washer on opposite end
 - Rolled threads for improved physical characteristics, greater thread accuracy and smooth surface finish
 - Requires tightening of only one bolt for ease of fitting installation and removal
- **Coupling Flange Connector Bolt**
 - Type 304 Stainless Steel
 - 1/2" - 13 UNC, Countersunk Allen Head
- **Steel Washer**
 - Type 304 Stainless Steel
 - 9/16"
- **Nylon Washer**
 - Nylon 6/6
 - 9/16"
 - Located under Steel Washer for better transfer of bolt torque
- **Nut**
 - Type 304 Stainless Steel
 - 9/16" - 12 UNC
 - Fluoropolymer finish to prevent galling

OPTIONS

- Anode connector available for cathodic protection
- Other Flange configurations available upon request

LISTINGS

- UL certified to NSF/ANSI 61 and 372
- Meets applicable AWWA C219 standards

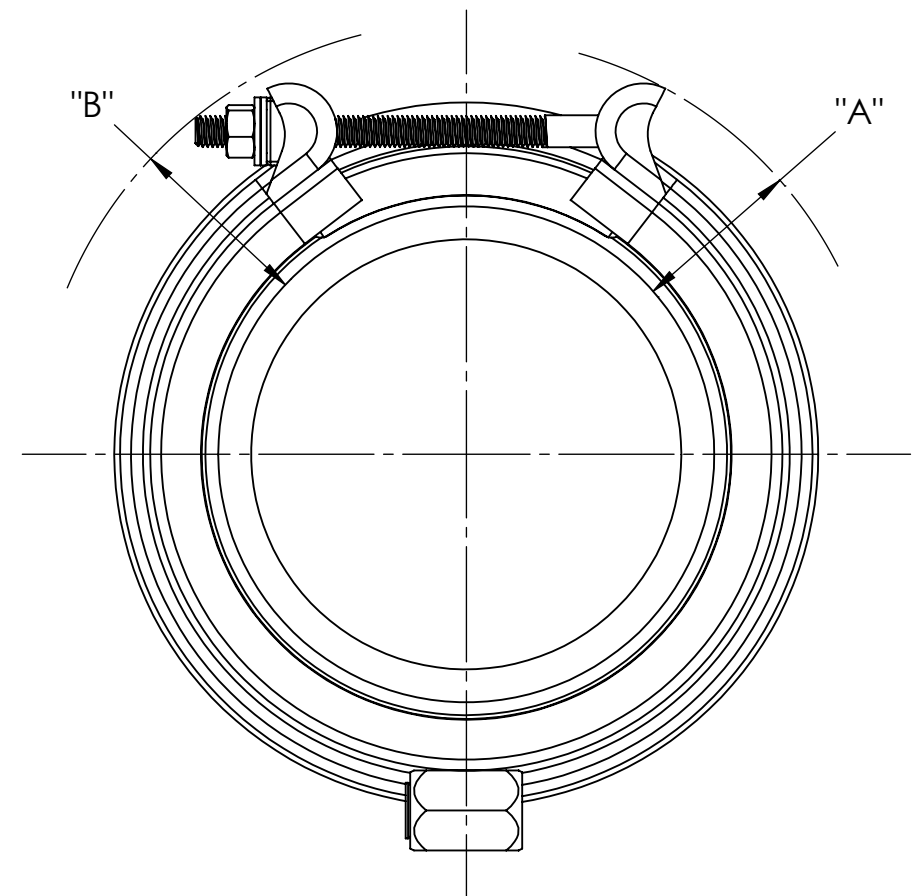
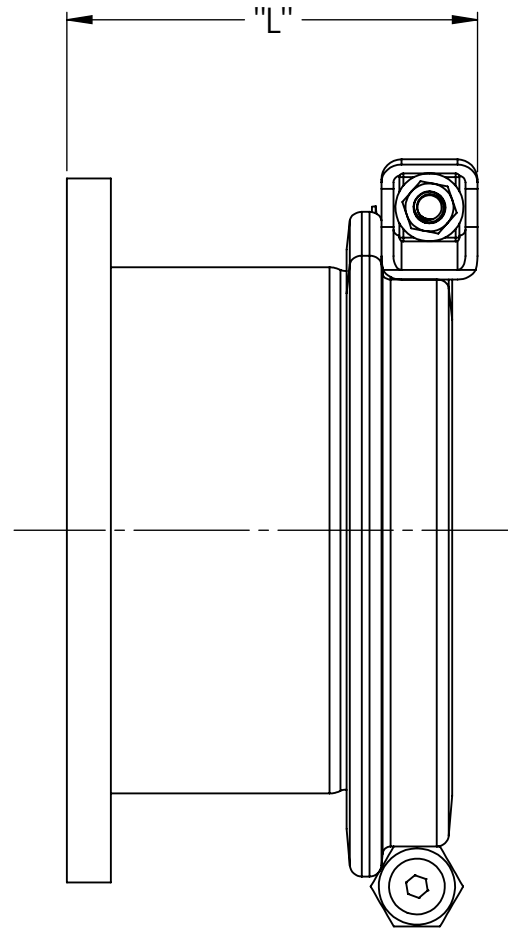
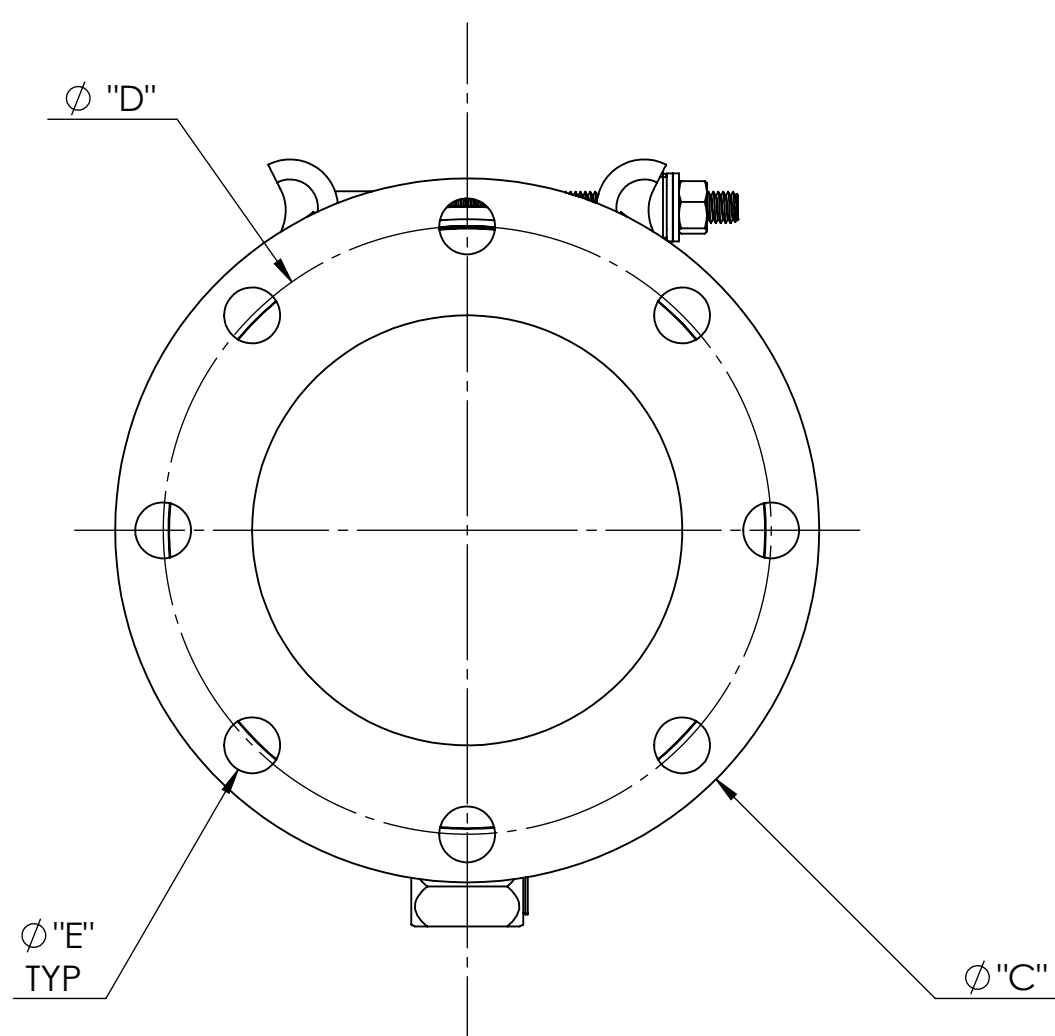
NOTES

- Pipe stiffeners **are required** when this product is used on HDPE and thin wall PVC pipe
- Top-Bolt® and Flexi-Coat® are registered trademarks 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 web site for part numbers and ordering information
- See the Smith-Blair web site for warranty information
- See the Smith-Blair web site 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.

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 CATALOG FOR PART NUMBERS AND RANGES.
 - 6" COUPLING SHOWN.

NOMINAL SIZE (IN)	A	B		C	D	E	L	FLANGE BOLT QTY.	BOXED WEIGHT (LBS)
		OPEN	CLOSED						
2	2.88	3.50	5.00 MAX	6.00	4.50	.750	6.50	2	8
3	2.88	3.50	5.00 MAX	7.50	6.00	.750	5.38	4	12
4	3.00	3.50	5.00 MAX	9.00	7.50	.750	5.50	8	17
6	3.00	3.50	5.00 MAX	11.00	9.50	.875	6.56	8	23
8	3.00	3.00	5.00 MAX	13.50	11.75	.875	6.56	8	30
10	3.13	3.00	5.00 MAX	16.00	14.25	1.00	6.56	12	37
12	3.25	3.00	5.00 MAX	19.00	17.00	1.00	6.69	12	50

WRENCH SIZE CHART	
NUT/BOLT	SIZE
1/2"-13UNC ALLEN	5/16"
9/16"-12UNC	7/8"

CERTIFIED TO NSF/ANSI 61-G & 372

TOLERANCES U.N.O. XX= $\pm$.03 .XXX= $\pm$.015 FRACTIONS= ANGLES= $\pm$ 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	BCM	DATE	6/9/15
TITLE SPECIFICATION TOP BOLT® FLANGED COUPLING ADAPTER MODEL 921					
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS			P/N N/A		
			SPEC_921.DRW DWG. NO.	1 OF 1 SHEET	7/1/16 REV.