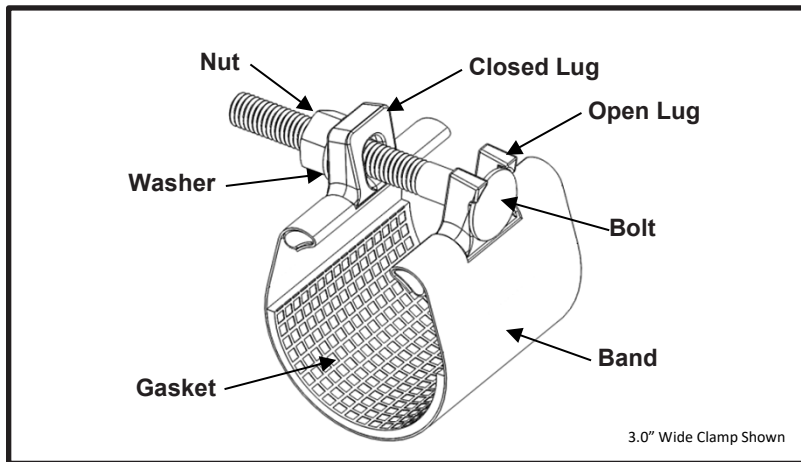


SPECIFICATION

REDI-CLAMP®

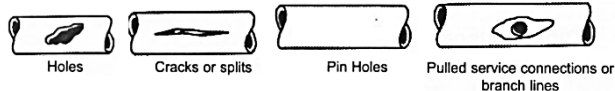
MODEL 245G



APPLICATIONS

Typical Uses

- Repair leaks due to punctures, splits, or holes
- Examples:



Standard Pipe Sizes

- 0.5" to 12" nominal

Standard Widths

- 3.0", 6.0", 9.0", 12.0"

Type of Pipe

- Carbon Steel, Stainless Steel

Working Pressure

- 0.84" thru 4.50" O.D. = 150 psi
- 4.80" thru 8.63" O.D. = 60 psi
- 10.00" thru 12.75" O.D. = 35 psi

Ratings depend on type of pipe, type of repair, pipe diameter, service conditions, and installation workmanship

MATERIALS

Band

- Type 304 Stainless Steel per ASTM A240
- Band Thickness: 24 gauge thick for clamps 2.88" diameter and smaller
22 gauge thick for clamps 3.00" diameter and larger
- Formed to pipe O.D. and secured to lug body
- Double band supplied on nominal pipe sizes 10" and larger

Lug

- Cast using Ductile Iron 65-45-12 per ASTM A536
- Flexi-Coat® fusion bonded epoxy finish
- Designed for drop in replaceable bolts
- One open loop lug and one closed loop lug. The bolts do not have to be removed to install clamp, preventing lost hardware
- Remaining opening(s) have closed-closed loop lugs securing clamp sections together for ease of installation
- Precision cast with contoured surface to equalize clamping pressures around the pipe

SPECIFICATION

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- **Gasket**
 - Nitrile (Buna-N) per ASTM D2000
 - Gasket Thickness: 0.125"
 - Compounded to resist oil, natural gas, acids, alkalis, most (aliphatic) hydrocarbon fluids, and many other chemicals
 - Temperature range: -20°F to +180°F
 - Finely gridded surface conform to irregularities on the pipe surface and provide superior sealing on rough or pitted areas
 - Gasket spans approximately 180° of the clamp diameter and is positioned to provide superior sealing at the point of leak
- **Bolt**
 - Carbon Steel SAE J429 GR5
 - Fe/Zn coated per ASTM F1941-10
 - Size: 0.5" – 1.5" nominal pipe size = 3/8"-16UNC x 3.00" long, Round Head Square Neck
2.0" – 5.0" nominal pipe size = 7/16"-14UNC x 4.00" long, Round Head Square Neck
6.0" – 12.0" nominal pipe size = 7/16"-14UNC x 5.00" long, Round Head Square Neck
 - Rolled threads for improved physical characteristics, greater thread accuracy, and smooth surface finish
 - Drop in replaceable bolts
- **Nut**
 - Carbon Steel per ASTM A307
 - Fe/Zn coated per ASTM F1941-10
 - Size: 0.5" – 1.5" nominal pipe size = 3/8"-16UNC Heavy Hex
2.0" – 12.0" nominal pipe size = 7/16"-14UNC Heavy Hex
- **Washer**
 - Carbon Steel per ASTM F844
 - Fe/Zn coated per ASTM F1941-10
 - Size: 7/16" Type A Plain

LISTINGS/STANDARDS

- Meets applicable D.O.T. Title 49 Section 192 regulations

OPTIONS

- Type 316 Stainless Steel band
- Type 304 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Type 316 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Alternative gasket material (e.g. Viton, EPDM, etc.)
- 0.25" thick gasket
- Lug to lug gasket span
- Smooth face gasket

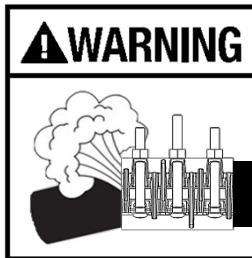
SPECIFICATION

REDI-CLAMP®

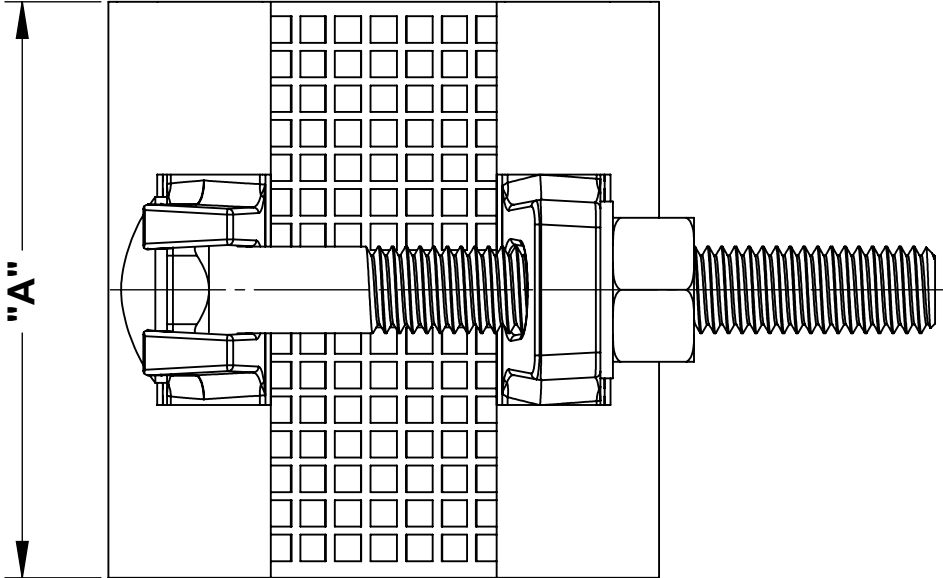
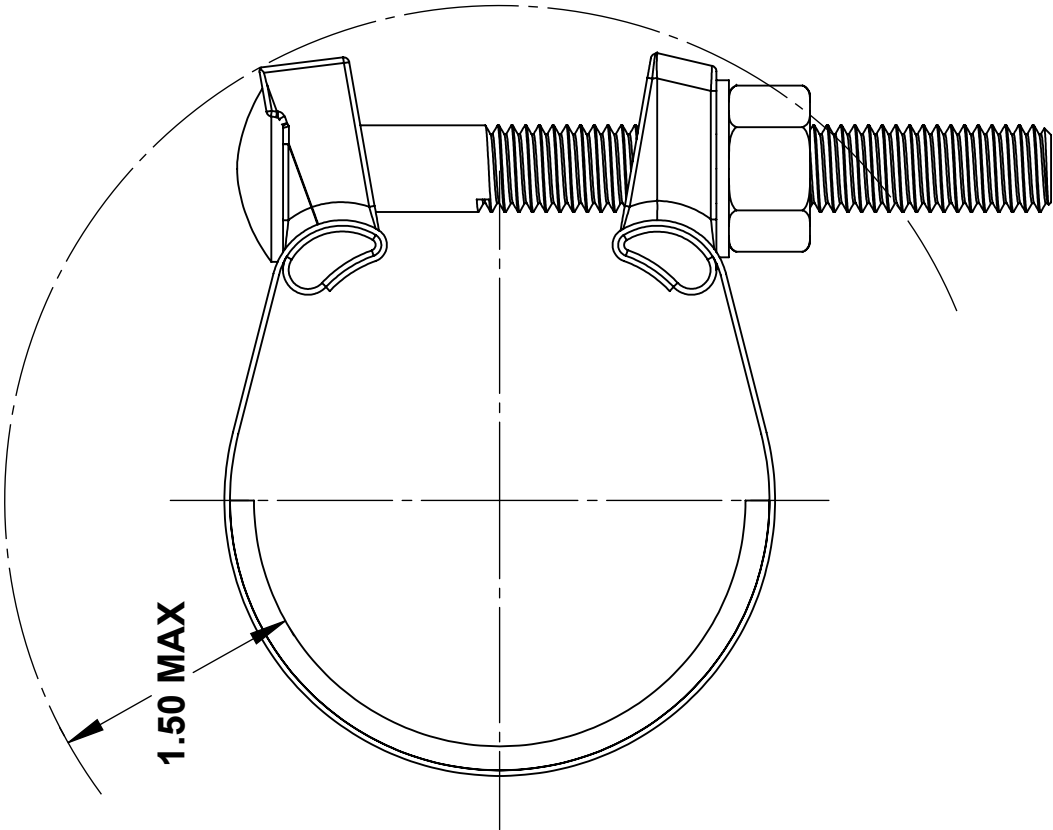
MODEL 245G

NOTES

- Redi-Clamp® and Flexi-Coat® are registered trademarks of Smith-Blair
- 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 pull out. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, and/or death. Read the product installation instructions prior to installing this product.



NOMINAL PIPE SIZE	A	HARDWARE		SOCKET SIZE
		QUANTITY	SIZE	
0.5 - 1.50	3.00	1	3/8" x 3"	1 1/16"
	6.00	2		
2 - 5	3.00	1	7/16" x 4"	3/4"
	6.00	2		
	9.00	3		
	12.00	4		
6 - 8	3.00	1	7/16" x 5"	
	6.00	2		
	9.00	3		
	12.00	4		
10 - 12	3.00	2	7/16" x 5"	
	6.00	4		
	9.00	6		
	12.00	8		

- NOTES:
- SEE SMITH-BLAIR CATALOG FOR AVAILABLE PIPE DIAMETER AND WIDTH COMBINATIONS AS SOME COMBINATIONS ARE NOT AVAILABLE
 - 3.00" WIDE CLAMP SHOWN OTHER SIZES SIMILAR
 - 10" - 12" CLAMPS INCORPORATE A TWO PIECE DESIGN USING CLOSED-CLOSED LUGS ON SECOND OPENING

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
	SCALE: N/A	DRN	DATE

TITLE SPECIFICATION REDI-CLAMP® MODEL 245G			
P/N		N/A	

 Smith-Blair a xylem brand	P/N		N/A	
	SPEC_245G.DRW DWG. NO.		1 OF 1 SHEET	6/28/16 REV.