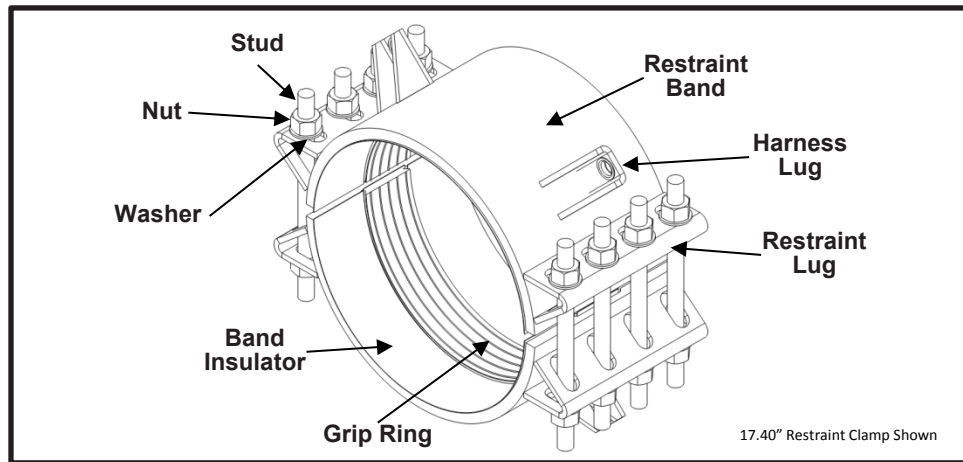




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SPECIFICATION RESTRAINT CLAMP EBR



APPLICATIONS

- **Typical Uses**
 - Restraining axial movement for couplings, line caps, bell joints, and alternative Cast Iron pipe applications
- **Standard Pipe Sizes**
 - 10" to 36" nominal
- **Type of Pipe**
 - Cast Iron
- **Pressure Rating**
 - Working Pressure: 10"-30" nominal pipe size(s) = 60 psi
Over 30" nominal pipe size(s) = 15 psi
 - 2 to 1 factor of safety

MATERIALS

- **Grip Ring**
 - ASTM A240 Type 304L Stainless Steel
 - Machined, unidirectional teeth
 - Virtually full circumferential gripper
- **Band Insulator**
 - Polypropylene Plastic
 - Creates insulating barrier between pipe wall and Restraint Band as well as between Grip Ring and Restraint Band
- **Clamp Weldment**
 - **Restraint Band**
 - ASTM A36 Carbon Steel
 - Material thickness: 3/4"
 - Standard Width: 10" nominal pipe size = 16"
12" - 36" nominal pipe size(s) = 12"
 - Flexi-Coat® fusion bonded epoxy
 - **Harness Lug**
 - ASTM A283 Grade C Carbon Steel
 - Material thickness: 3/8"
 - Thru hole sized to be used with 7/8" rod
 - Flexi-Coat® fusion bonded epoxy



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a xylem brand

SPECIFICATION RESRAINT CLAMP EBR

- **Restraint Lug**
 - ASTM A283 Grade C Carbon Steel
 - Material thickness: 3/8"
 - Flexi-Coat® fusion bonded epoxy
- **Hardware**
 - **Studs**
 - High Strength Low Alloy (HSLA) Steel
 - 1.00"-8UNC All Thread
 - Rolled threads
 - **Nuts**
 - HSLA Steel
 - 1.00-8UNC Heavy Hex Semi-Finished
 - **Washers**
 - Carbon Steel per ASTM F844
 - Fe/Zn coated per ASTM F1941-10
 - 1.00" Type A Plain

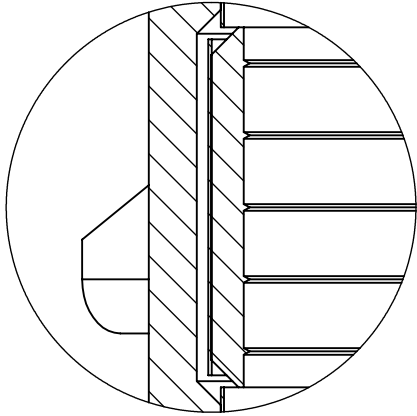
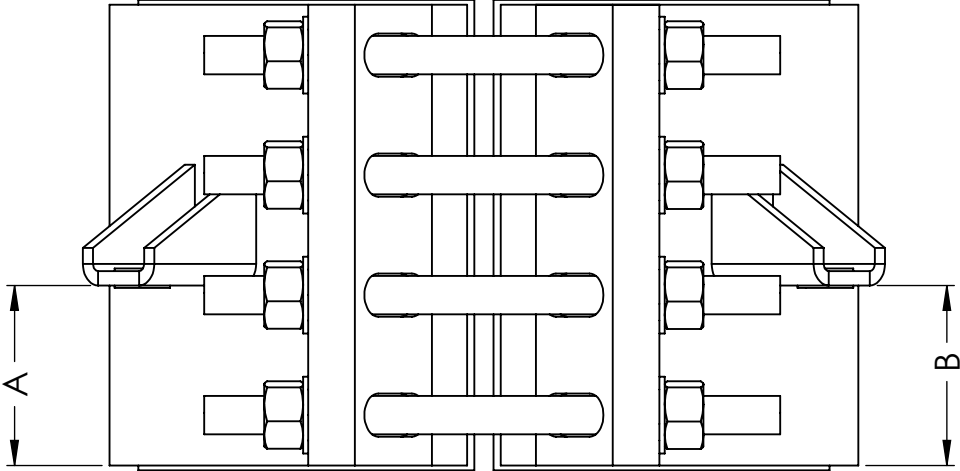
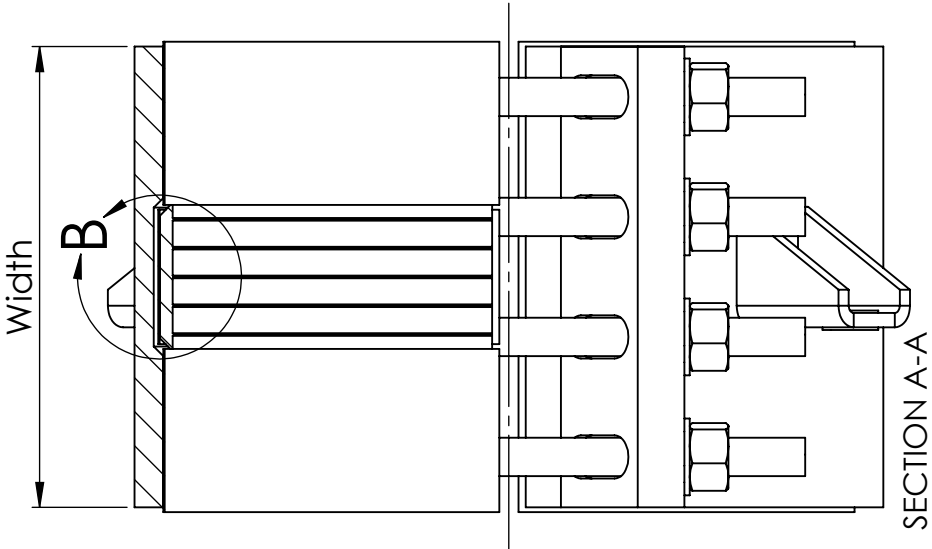
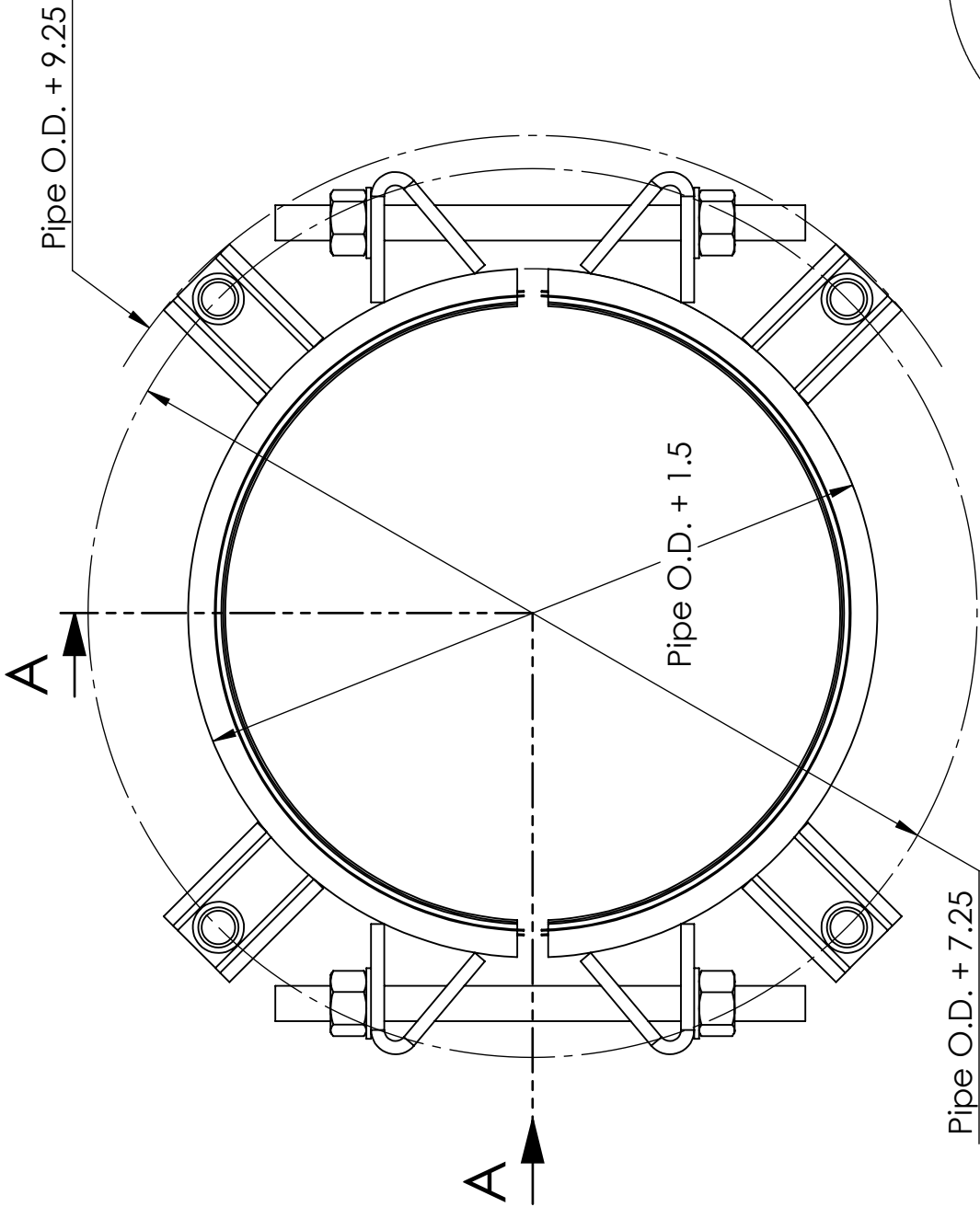
OPTIONS

- Insulated Harness Lugs for complete isolation of clamp

NOTES

- Other sizes available upon request
- Restraining product only, use in conjunction with other products for sealing.
- For Seal and Restraint couplings, see EZ Maxi-Grip Specifications
- These product specifications were believed to be correct at publication and are subject to change without notice
- Flexi-Coat® is a registered trademark of Smith-Blair
- 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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Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792



GRIP RING DETAIL
SCALE 1 : 2

Other sizes available upon request, see website for additional part numbers

Part Number	Pipe Size	Width	"A"	"B"	Weight
EBR11.1L4	11.10	16.00	6.75	7.75	200
EBR13.2L4	13.20	12.00	4.69	5.69	195
EBR17.4L4	17.40	12.00	4.69	4.69	235
EBR21.6L4	21.60	12.00	4.69	4.69	280
EBR25.8L4	25.80	12.00	4.69	4.69	325
EBR32.0L4	32.00	12.00	4.69	4.69	390
EBR38.3L4	38.30	12.00	4.69	4.69	460

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 RESTRAINT CLAMP EBR			
SMITH-BLAIR TEXARKANA, ARKANSAS		P/N VARIOUS	
		EBR.DRW	3 OF 3 SHEET
		DWG. NO.	REV. 10/13/17