



SUBMITTAL DETAILS		DATE:
PROJECT NAME:		
ENGINEER:		
CONTRACTOR:		
SPEC. SECTION:		

### PRODUCT SPECIFICATIONS

<b>MATERIAL:</b>	Gland body, wedge inserts and break-off top actuating bolts are manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12.
<b>SIZE RANGE:</b>	3" through 60"
<b>DIMENSION:</b>	Conform to ANSI/AWWA C111/A21.11 & ANSI/AWWA C153/A21.53 standards
<b>PRESSURE RATING:</b>	Equal to the water working pressure rating of the pipe on which it is installed.
<b>FACTOR OF SAFETY:</b>	2:1
<b>COATING:</b>	<input type="checkbox"/> Standard: Red Alkyd paint <input type="checkbox"/> Special: Electro-deposition "CORRSAFE™" available For further information, please refer to our CORRSAFE Product Information sheet at <a href="https://www.sigmaco.com/download/corrsafe-alternative-coating-for-enhanced-exterior-corrosion-protection-on-wedge-and-serration-type-restrainers/">https://www.sigmaco.com/download/corrsafe-alternative-coating-for-enhanced-exterior-corrosion-protection-on-wedge-and-serration-type-restrainers/</a>
<b>APPROVALS:</b>	Underwriters Laboratories' listed in sizes 4"-12" and Factory Mutual approved in sizes 4"-12".
<b>DEFLECTION:</b>	5° on 3" through 12", 2° on 14" & 16", 1.5° on 18" through 30" and 1° on 36" through 60"
<b>TRACEABILITY:</b>	Gland body, wedge inserts and break-off top actuating bolts are individually cast with exact heat code information.
<b>INSTALLATION:</b>	In accordance with manufacturer's recommendation and applicable AWWA standards.
<b>HARDWARE:</b>	<input type="checkbox"/> Standard: T-bolts & nuts as per AWWA C111/A21.11, High Strength Low Alloy Steel Special: <input type="checkbox"/> Stainless Steel as per AISI 304 <input type="checkbox"/> Stainless Steel as per AISI 316 <input type="checkbox"/> Fluoropolymer blue coated as per ANSI/AWWA C111/A21.11



