



Pipe Restrainers series 1000C & 1100C

1000C & 1100C For Use On Ductile Iron Pipe



Above Image Represents Series 1100C

SUBMITTAL INFORMATION

PROJECT NAME:

ENGINEER:

CONTRACTOR:

SPEC. SECTION:



FEATURES & ADVANTAGES

- Restrainers work with Mechanical Joint or Push-On Fittings and with Ductile Iron Pipe manufactured per ANSI/AWWA C-151/A21.51-02 & AWWA C150/A21.50
- All restrainers are machined to exact tolerances
- Maintains full deflection on Mechanical Joint and Push-On Fittings
- Clamping Bolts: SAE J429 Grade 5

MATERIAL SPECIFICATIONS:

- Gland: Ductile Iron per ASTM A536, Grade 65-45-12

GLAND FINISH OPTIONS (Please check one):

- Standard: alkyd enamel coating
- Optional: Starbond™ TGIC polyester powder coating applied by an electrostatic spray process
- Optional: Other (specify) _____

COUNTRY OF ORIGIN OPTION (Please check one):

- Import
 - 100% Domestic¹
 - Domestic gland with import components¹
- ¹(Please see [Domestic Restraint Options Available](#) on our website.)

HARDWARE OPTIONS (Please check one):

- Standard: T-bolts/bolt rods are high strength low alloy steel manufactured in accordance with ANSI/AWWA C111/A21.11-00
- Optional: T-bolts/bolt rods and nuts alloy SS 304 per ASTM F593
- Optional: T-bolts/bolt rods and nuts alloy SS 316 per ASTM F593
- Optional: T-bolts/bolt rods and nuts Fluoropolymer Star-Blue coated high strength low alloy steel manufactured in accordance with ANSI/AWWA C111/A21.11-00

STAR® PIPE PRODUCTS

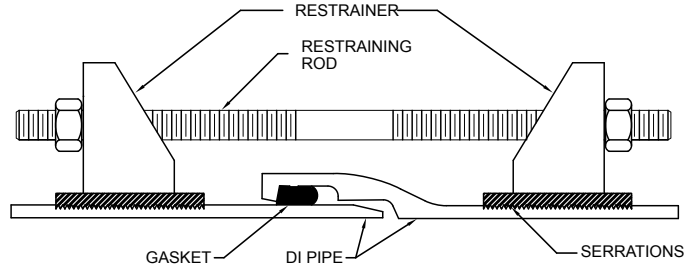
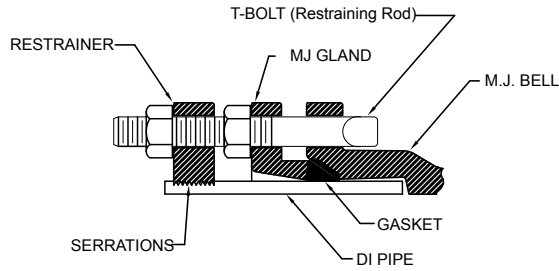




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TECHNICAL INFORMATION



Please check sizes:

NOMINAL SIZE	MAXIMUM PRESSURE RATINGS (PSI)	CLAMP BOLT TORQUE (FT-LBS)
4" - 8"	250	110 - 120
10" - 12"	200	110 - 120
14"	150	200 - 210
16"	100	200 - 210

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