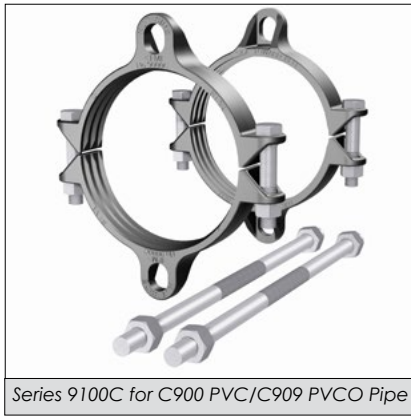




# Pipe Restrainers series 9000C & 9100C

9000C & 9100C For Use On Ductile Iron Pipe



Series 9100C for C900 PVC/C909 PVCO Pipe

### 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 & AWWA C150/A21.50
- All restrainers are machined to exact tolerances
- The safety factor is twice (2:1) the maximum pressure rating listed on next page.
- Maintains full deflection on Mechanical Joint and Push-On Fittings
- T-Bolts/Rods/Hex Nuts: Low alloy steel per ASTM/AWWA C111/A21.11
- Clamping Bolts: SAE J429 Grade 5

### MATERIAL SPECIFICATIONS:

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

### RESTRAINT CASTINGS FINISH OPTIONS (Please check one):

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

### HARDWARE OPTIONS (Please check):

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



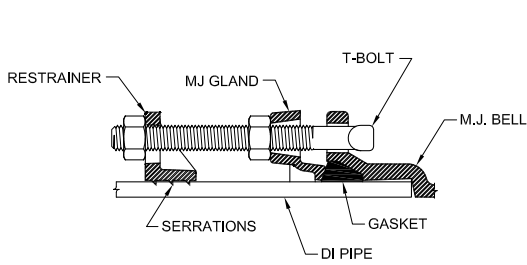
STAR® PIPE PRODUCTS



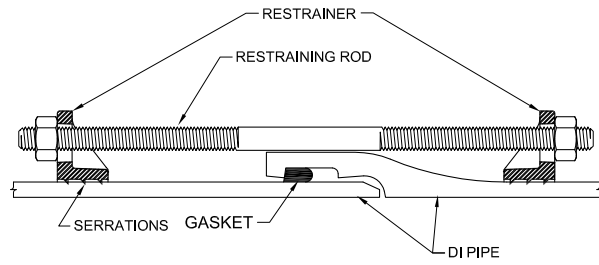
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9000C & 9100C For Use On Ductile Iron Pipe

## TECHNICAL INFORMATION



**Series 9000C (4" - 12")**



**Series 9100C (4" - 12")**

*Please check sizes:*

	NOMINAL SIZE	MAXIMUM PRESSURE RATINGS (PSI)	CLAMP BOLT TORQUE (FT-LBS)
**	4"	250	110
**	6"	250	110
	8"	250	110
	10"	250	110
	12"	200	130

\*\* Contact Star for price and availability.

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