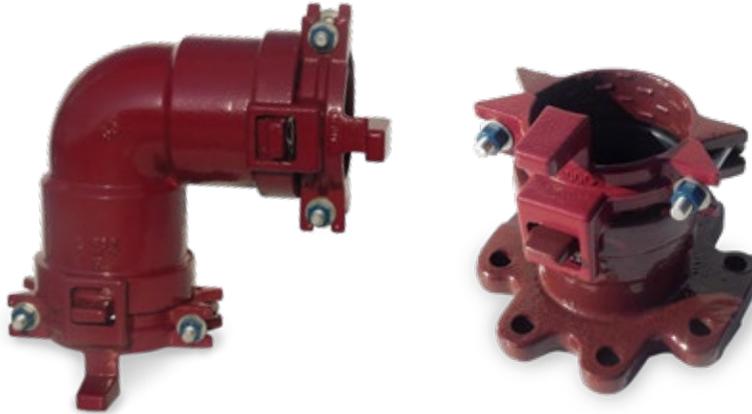


# SELF-RESTRAINED DUCTILE IRON FITTINGS

## IPS PRODUCTS

CAT. B

SELF-RESTRAINED DUCTILE IRON FITTINGS



<b>MATERIAL</b> .....	CLASS 350 DUCTILE IRON PER ASTM A536, GRADE 65-45-12, AWWA C153
<b>PRESSURE RATING</b> .....	250 PSI
<b>EPOXY COATING</b> .....	ANSI/AWWA C116/A21.16-09, NSF 61 & CSA Z245.20-98, 10-12 MIL
<b>HARDWARE</b> .....	304 STAINLESS STEEL, OPTIONAL 316 STAINLESS STEEL
<b>BELL SOCKETS</b> .....	DEEP SLANTED BELL, ANSI/AWWA C116/A21.16-09
<b>GASKETS</b> .....	HIGH GRADE EPDM RUBBER ANSI/AWWA C111/A21.11, RIB-ENFORCED DESIGN
<b>DEFLECTION</b> .....	5 DEGREES
<b>INSTALLATION</b> .....	PER IPS PIPE STANDARDS

### SPECIFICATION

Fittings shall be ductile iron, slanted, deep bell, gasket style made in accordance with ASTM A536, Grade 65-45-12 and AWWA C153. Fittings shall have joint restraint system cast within the fitting. Joint restraints shall have blunt cast serrations, so damage of the outer pipe surface will not occur. Machined threaded restraints shall not be allowed. All gaskets shall be manufactured of high grade EPDM rubber and shall be rib-enforced "U-Cup" design to seal and assist in restraining pipe at all pressures. Epoxy Coating on interior and exterior surfaces of fittings shall be fusion bonded epoxy, 10-12 mil thickness. The epoxy coated fittings shall pass 90-Day immersion tests per CSA Z245.20-98. All fittings shall be manufactured by Leemco, Inc., U.S.A.

#### JOINT RESTRAINT TORQUE SETTINGS:

- 2" - 3" Sizes: 20 LB
- 4" - 8" Sizes: 50 LB
- 10" - 24" Sizes: 100 LB

LEEMCO HAS A LARGE VARIETY OF FITTINGS AND VALVE ACCESSORIES.

PLEASE REFER TO OUR IPS PRICE LISTS FOR AVAILABLE MODELS AND SIZES.



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