

# DUCTILE IRON FITTINGS

## IPS PRODUCTS - ADJUSTABLE ELBOW



<b>SIZES</b> .....	2 - 4" IPS
<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, 4-LUGS TO ACCOMMODATE JOINT RESTRAINTS & ADDITIONAL FITTINGS
<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

Fitting can be adjusted from 0 to 160 degrees to make up a wide variety of elbow angles. Fittings shall be ductile iron, slanted, deep bell, gasket style made in accordance with ASTM A-536, Grade 65-45-12 and AWWA C153. Fittings shall have four lugs to accommodate joint restraints and other fittings. Bell section shall allow 5-degree freedom of pipe deflection within the bell end. 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 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.

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