



KEC

Ductile Iron Castings

Ductile Iron Casting

Ductile, or nodular, iron is a form of cast iron in which the carbon, through the alloys has formed into carbon spheres that are imbedded within the metallic matrix.

Ductile iron is generally stronger than grey iron. Ductile iron is used extensively in high shock, high strength.



Hand Wheel

Name of the job	Ø12".HEX Hand Wheel	4/4.HEX Hand Wheel	4/4" square Hole hand Wheel	250mm square Hole hand Wheel
Type of Casting	Ductile Iron Castings	Ductile Iron Castings	Ductile Iron Castings	Ductile Iron Castings
Specification	IS 1865-1991 GR.400/15	IS 1865-1991 GR.400/15	IS 1865-1991 GR.400/15	ASTM A536 GR.65/45/12
Weight	3.75	6.00	5.50	3.50
Customer	Audco India Limited	Audco India Limited	BHEL	BHEL
Application	Valves & pumps Industry	Valves & pumps Industry	Butterfly Valve Industry	Butterfly Valve Industry

Coal Nozzle (250 kgs to 850 kgs)



Used in thermal power stations for movement of pulverized fuel. Can be supplied in fully machined castings and in assembled condition as components also.

Fuel Inlet Elbow (120 kgs to 800 kgs)



Name of the job	500 MM Coal Nozzle	Fuel Inlet Elbow Casting	210 MM Coal Nozzle
Type of Casting	Ductile Iron Castings	Ductile Iron Castings	Ductile Iron Castings
Specification	ASTM A536 GR.65-45-12	ASTM A536 GR.65-45-12	ASTM A536 GR.65-45-12
Weight	700.0	468.0	183
Customer	BHEL	BHEL	BHEL
Application	Power Generation	Power Generation	Power Generation

Axle box cover

Railway coach Axle box front and back covers fully machined.



Name of the job	Axle Box Cover	Follower Gland
Type of Casting	Ductile Iron Castings	Ductile Iron Castings
Specification	IS 1865-1991 Gr 370/17	Customer's Specs 420/05
Weight	17 Kg	25.5
Customer	ICF,SRLY	Electrosteel Casting Ltd
Application	Railway Wagon, Coaches	Water Drainage

Follower Gland

Water supply pipe connection.

