GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 3261 15C8

Standard Specification for Carbon Steel Forgings for Shipbuilding Industry

Group - Ferrous Mild Steel Alloys

Sub Group - IS 3261 15C8 Carbon Steel Forgings for Shipbuilding Industry

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Steel and Forging

Chemical Composition		
Carbon	C %	0.100 - 0.200
Silicon	Si %	0.150 - 0.350
Manganese	Mn %	0.600 - 0.900
Sulphur	S %	0.050 max.
Phosphorus	P %	0.050 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Annealing or Normalising or Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
IS 1875 15C8	IS	India	Billets, Blooms, Slabs, Bars and Forging
IS 2004 15C8	IS	India	Steel and Forging
IS 4432 15C8	IS	India	Steel
IS 6967 C15Mn75	IS	India	Steel
IS 1875 20C8	IS	India	Billets, Blooms, Slabs, Bars and Forging
IS 2004 20C8	IS	India	Steel and Forging
IS 2004 25C8	IS	India	Steel and Forging

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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