GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 4367 20C15

Standard Specification for Alloy Steel Forgings for General Industrial Use

Group - Ferrous Mild Steel Alloys

Sub Group - IS 4367 20C15 Alloy Steel Forgings for General Industrial Use

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

Grade Belongs to the Industry - Steel and Forging

Chemical Composition		
Carbon	C %	0.060 - 0.240
Silicon	Si %	0.100 - 0.350
Manganese	Mn %	1.300 - 1.700
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	600 - 750
Yield Strength in Mpa	400 min.
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in HB	178 - 221
Impact in Joule	50 J @ RT

www.gravitycastindia.com

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
IS 5517 20C15	IS	India	Steel
IS 11169 20C15	IS	India	Steel
IS 2100 20Mn2	IS	India	Steel and Bars
IS 6967 20Mn2	IS	India	Steel
IS 4368 20C15	IS	India	Billets, Blooms and Slabs
IS 1570 20C15	IS	India	Steel
-	-	-	-

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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.