GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 4368 15Ni4Crl

Standard Specification for Alloy Steel Billets, Blooms and Slabs for Forgings for General Engineering Purposes

Group - Ferrous Mild Steel Alloys

Sub Group - IS 4368 15Ni4Crl Alloy Steel Billets, Blooms and Slabs for Forgings for General Engineering Purposes

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Forging

Chemical Composition		
Carbon	C %	0.120 - 0.180
Silicon	Si %	0.100 - 0.350
Manganese	Mn %	0.400 - 0.700
Sulphur	S %	0.050 max.
Phosphorus	P %	0.050 max.
Nickel	Ni %	3.800 - 4.300
Chromium	Cr %	1.000 - 1.400
Molybdenum	Mo %	0.060 max.
Vanadium	V %	0.050 max.
Copper	Cu %	0.300 max.
Tin	Sn %	0.050 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Normalizing

Mechanical Properties	
Tensile Strength in Mpa	-
Proof Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	241 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
6354 20 ChN 4 FA	BDS	Bulgaria	Steel
4543 20ChN4FA	GOST	Russia	Steel
683-17 B32	ISO	International	Steel
4659 BP 30	B.S.	United Kingdom	Steel
33.3015 JNC 4MoV	MSZ	Hungary	Steel and Tubing
G 4404 SKT 6	JIS	Japan	Steel
G 4103 SNCM 25	JIS	Japan	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

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