GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10263-5 X6CrMo17-1 I 1.4113

Standard Specification for Steel Rod, Bars and Wire for Cold Heading and Cold Extrusion

Group - Ferrous Stainless Steel Alloys

Sub Group - BS EN 10263-5 X6CrMo17-1 I 1.4113 Steel Rod, Bars and Wire for Cold Heading and Cold Extrusion

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

Chemical Composition		
Carbon	C %	0.080 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	16.000 - 18.000
Molybdenum	Mo %	0.900 - 1.400
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Quenching + 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**
EN 10088-3 1.4113	DIN	Germany	Steel
EN 10088-2 1.4113	DIN	Germany	Steel
EN 10088-1 1.4113	DIN	Germany	Steel
4954 X 6 CrMo 17 1 E	ISO	International	Steel
10088-2 1.4113	EN	European Union	Steel
10088-3 1.4113	EN	European Union	Steel
10088-1 1.4113	EN	European Union	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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