GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10293 1.6771 (G30NiCrMo14)

Standard Specification for Steel Castings for general engineering uses

Group - Ferrous Mild Steel Alloys

Sub Group - BS EN 10293 1.6771 (G30NiCrMo14) Steel Castings for general engineering uses

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

Grade Belongs to the Industry - Casting

Chemical Composition		
Carbon	C %	0.270 - 0.330
Silicon	Si %	0.600 max.
Manganese	Mn %	0.600 - 1.000
Phosphorus	P %	0.030 max.
Sulphur	S %	0.020 max.
Chromium	Cr %	0.800 - 1.200
Molybdenum	Mo %	0.300 - 0.600
Nickel	Ni %	3.000 - 4.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Normalizing & Tempering or Quenching & Tempering

Mechanical Properties	
Tensile Strength in Mpa	1100 - 1250
Yield Strength in Mpa	1000 min.
Elongation in %	7 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	20 @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
A 32-054 G30NiCrMo14	AFNOR NF	France	Steel and Casting
A 32-054 32 NCD14-M	AFNOR NF	France	Steel and Casting
10084 1.6657	EN	European Union	Steel
EU 84 14 NiCrMo 13	EN	European Union	Steel
10084 1.6657	DIN	Germany	Steel
1.6658	DIN	Germany	Steel
10084 14NiCrMo13-4	B.S.	United Kingdom	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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