GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS ISO 16143-3 X2CrNiMoCoN28-8-5-1 (4658-327-07-U)

Standard Specification for Stainless Steels for General Purposes

Group - Ferrous Stainless Steel Alloys

Sub Group - BS ISO 16143-3 X2CrNiMoCoN28-8-5-1 (4658-327-07-U) Stainless Steels for General Purposes

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

Grade Belongs to the Industry - Wire

Chemical Composition		
Carbon	C %	0.030 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	1.500 max.
Phosphorus	P %	0.035 max.
Sulphur	S %	0.010 max.
Chromium	Cr %	26.000 - 29.000
Molybdenum	Mo %	4.000 - 5.000
Nickel	Ni %	5.500 - 9.500
Nitrogen	N %	0.300 - 0.500
Copper	Cu %	1.000 max.
Cobalt	Co %	0.500 - 2.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	1150 min.
Yield Strength in Mpa	-
Elongation in %	25 min.
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**
10088-1 1.4658	EN	European Union	Steel
10088-1 X2CrNiMoCoN28-8-5-1	EN	European Union	Steel
17445 1.4469	DIN	Germany	Steel and Casting
EN 10213-4 1.4469	DIN	Germany	Steel and Casting
10213-4 GX 2 CrNiMoN 26 7 4	EN	European Union	Steel and Casting
10283 GX 2 CrNiMoN 26 7 4	EN	European Union	Steel and Casting
10283 1.4469	EN	European Union	Steel and Casting

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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