GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10088-2 1.4371 (X2CrMnNiN17-7-5)

Standard Specification for Sheet/Plate and Strip of Corrosion Resisting Steels for General Purposes

Group - Ferrous Stainless Steel Alloys

Sub Group - BS EN 10088-2 1.4371 (X2CrMnNiN17-7-5) Sheet/Plate and Strip of Corrosion Resisting Steels for General Purposes

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

Grade Belongs to the Industry - Plate, Sheet and Strip

Chemical Composition		
Carbon	C %	0.030 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	6.000 - 8.000
Phosphorus	P %	0.045 max.
Sulphur	S %	0.015 max.
Chromium	Cr %	16.000 - 17.500
Nickel	Ni %	3.500 - 5.500
Nitrogen	N %	0.150 - 0.250
Copper	Cu %	1.000 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	650-850
Proof Strength in Mpa	330 min.
Elongation in %	45 min.
Reduction of Area in %	-
Hardness in HRB	-
Impact in Joule	100 @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
10088-1 1.4371	EN	European Union	Steel
10088-1 X 2 CrMnNiN 17 7 5	EN	European Union	Steel
EN 10088-1 1.4371	DIN	Germany	Steel
EN 10088-2 1.4371	DIN	Germany	Steel
EN 10088-1 X2CrMnNiN17-7-5	DIN	Germany	Steel
EN 10088-1 X2CrMnNiN17-7-5	AFNOR NF	France	Steel
EN 10088-2 X 2 CrMnNiN 17-7-5	UNI	Italy	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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