



Material - DIN X2CrNiMo13-4

Standard Specification for Stainless Steels for Rolled and Forged Products

Group - Ferrous Stainless Steel Alloys

Sub Group - DIN X2CrNiMo13-4 Stainless Steels for Rolled and Forged Products

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

Grade Belongs to the Industry - Forging

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Normalising or Annealing or Hardening + Tempering	
Silicon	Si %	0.600 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	12.000 - 13.500		
Molybdenum	Mo %	0.400 - 0.700		
Nickel	Ni %	3.500 - 4.500		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 680 - 880 Yield Strength in Mpa 520 min. Elongation in % 15 min. Reduction of Area in % - Hardness in HB 255 max. Impact in Joule 70 J @ RT	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.6982	EN	European Union	Casting
1.6982	DIN	Germany	Casting
1.6982	DIN	Germany	Casting
GX3 CrNi 13-4	UNI	Italy	Casting
GX3 CrNi 13-4	DIN	Germany	Casting
GX3 CrNi 13-4	EN	European Union	Casting
GX3 CrNi 13-4	AFNOR NF	France	Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +91846916029, or email marketing@gravitycastindia.com

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