



Material - GOST NiCr28FeSiCe

Standard Specification for Nickel and Nickel Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - GOST NiCr28FeSiCe Nickel and Nickel Alloys Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.050 - 0.120	As-Cast or Annealing or Age Hardning	
Silicon	Si %	2.500 - 3.000		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	26.000 - 29.000		
Cobalt	Co %	1.500 max.		
Iron	Fe %	21.000 - 25.000		
Cerium	Ce %	0.030 - 0.090		
Copper	Cu %	0.300 max.		
Phosphorus	P %	0.020 max.		
Nickel	Ni %	45.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 620 - 820 Yield Strength in Mpa 240 min. Elongation in % 35 min. Reduction of Area in % - Hardness in HB 220 max. Impact in Joule -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4889	DIN	Germany	Strip and Sheet
2.4889	GOST	Russia	Casting
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-	-	-	-
-	-	-	-
-	-	-	-
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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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