



## Material - GOST 2.4889

### Standard Specification for Nickel and Nickel Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - GOST 2.4889 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 %	Balance		
-	-	-	<b>Mechanical Properties</b> 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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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4889	DIN	Germany	Strip and Sheet
NiCr28FeSiCe	GOST	Russia	Casting
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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](mailto:marketing@gravitycastindia.com)**

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