



Material - DIN NiFe48Cr

Standard Specification for Nickel and Nickel-Iron Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN NiFe48Cr Nickel and Nickel-Iron Alloy Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.020 max.		
Silicon	Si %	0.300 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	0.700 - 1.500	As-Cast or Annealing or Age Hardning	or Age Hardning
Iron	Fe %	45.000 - 48.000		
Nickel	Ni %	Balance		
-	-	-		
-	-	-		-
-	-	-	Mechanical Properties	
-	-		Tensile Strength in Mpa	550 - 800
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table				
Material	Standard	Country	Grade Belong to the Industry	
2.4480	DIN	Germany	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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