



Material - DIN NiFe47Cr6

Standard Specification for Nickel and Nickel-Iron Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN NiFe47Cr6 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	1	Heat Treatment
Carbon	C %	0.020 max.	
Silicon	Si %	0.300 max.	
Manganese	Mn %	1.000 max.	
Chromium	Cr %	5.500 - 6.500	As-Cast or Annealing or Age Hardning
Iron	Fe %	44.500 - 47.000	
Nickel	Ni %	Balance	
-	-	-	
-	-	-	
-	-	-	Mechanical Properties
-	-		Tensile Strength in Mpa 500 - 800
-	-		Yield Strength in Mpa -
-	-		Elongation in % 30 min.
-	-	-	Reduction of Area in % -
-	-	-	Hardness in BHN -
-	-	-	Impac <mark>t in Joule</mark>

Cross Reference Table				
Material	Standard	Country	Grade Belong to the Industry	
2.4486	DIN	Germany	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

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