



## Material - DIN 2.4486

### Standard Specification for Nickel and Nickel-Iron Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4486 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.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.300 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	5.500 - 6.500		
Iron	Fe %	44.500 - 47.000		
Nickel	Ni %	Balance		
-	-	-		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      500 - 800 Yield Strength in Mpa      - Elongation in %      30 min. Reduction of Area in %      - Hardness in BHN      - Impact in Joule      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiFe47Cr6	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](mailto:marketing@gravitycastindia.com)**

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