

# Material: DIN NiFe 16 CuCr

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

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN NiFe 16 CuCr 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		
Carbon	C %	0.050 max.
Silicon	Si %	0.300 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	1.500 - 2.500
Copper	Cu %	4.000 - 6.000
Iron	Fe %	15.000 - 18.000
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties
Tensile Strength in Mpa
Yield Strength in Mpa
Elongation in %
Reduction of Area in %
Hardness in BHN
Impact in Joule

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4501	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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