

Material: DIN NiFe16CuMo

Standard Specification for Nickel and Nickel-Iron Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN NiFe16CuMo 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 %	0.050 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.400 max.		
Manganese	Mn %	1.000 max.		
Copper	Cu %	4.000 - 6.000		
Iron	Fe %	12.000 - 16.000		
Molybdenum	Mo %	2.000 - 5.000		
Nickel	Ni %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 690 min. Yield Strength in Mpa 283 min. Elongation in % 40 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
2.4530	DIN	Germany	Casting
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