

Material: DIN 2.4545

Standard Specification for Nickel and Nickel-Iron Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4545 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 Hardening	
Silicon	Si %	0.400 max.		
Manganese	Mn %	1.000 max.		
Iron	Fe %	11.000 - 17.000		
Molybdenum	Mo %	2.000 - 6.000		
Nickel	Ni %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	-
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in HV	120 - 170
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiFe15Mo	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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