

Material: DIN Ni 54

Standard Specification for Nickel and Nickel Alloy Castings

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN Ni 54 Nickel and Nickel Alloy Castings

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 %	0.300 max.		
Manganese	Mn %	0.600 max.		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.030 max.		
Iron	Fe %	45.000 - 47.000		
Nickel	Ni %	53.000 - 55.000		
-	-	-		
-	-	-	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
1.3924	DIN	Germany	Casting
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