

Material: DIN 2.4021

Standard Specification for Refined Nickel Alloy Castings

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4021 Refined 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 %	0.030 max.	As-Cast or Annealing or Age Hardning	
Cobalt	Co %	0.500 max.		
Copper	Cu %	0.030 max.		
Bismuth	Bi %	0.002 max.		
Iron	Fe %	0.030 max.		
sulphur	S %	0.030 max.		
Lead	Pb %	0.005 max.		
Antimony	Sb %	0.002 max.		
Ni + Co	Ni% + Co%	99.900 min.		
-	-	-		
			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
Ni 9990	ISO	International	Casting
H-Ni99,90	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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