

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		
Carbon	C %	0.030 max.
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.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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
Ni 9990	ISO	International	Casting
H-Ni99,90	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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