

Material: DIN 2.4017

Standard Specification for Refined Nickel Alloy Castings

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4017 Refined Nickel Alloy Castings

Application: Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry: Casting

Chemical Composition			Chemical Composition		
Carbon	C %	0.015 max.	Zinc	Zn %	0.002 max.
Phosphorus	P %	0.002 max.	Ni + Co	Ni% + Co%	99.950 min.
Cobalt	Co %	0.100 max.	-	-	-
Copper	Cu %	0.005 max.	-	-	-
Iron	Fe %	0.020 max.	-	-	-
sulphur	S %	0.0025 max.	Heat Treatment		
Silver	Ag %	0.0005 max.	As-Cast or Annealing or Age Hardning		
Arsenic	As %	0.001 max.	Mechanical Properties		
Bismuth	Bi %	0.0005 max.	Tensile Strength in Mpa	-	
Lead	Pb %	0.001 max.	Yield Strength in Mpa	-	
Antimony	Sb %	0.001 max.	Elongation in %	-	
Selenium	Se %	0.001 max.	Reduction of Area in %	-	
Tin	Sn %	0.0005 max.	Hardness in BHN	-	
Tellurium	Te %	0.0005 max.	Impact in Joule	-	
Titanium	Ti %	0.0005 max.			

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
H-Ni99,95	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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