Material: DIN H-Ni99,96

Standard Specification for Refined Nickel Alloy Castings

Group: *Non-Ferrous Nickel Alloys*
Sub Group: *DIN H-Ni99,96 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 %	0.015 max.
Manganese	Mn %	0.0005 max.
Phosphorus	P %	0.001 max.
Cobalt	Co %	0.010 max.
Copper	Cu %	0.005 max.
Iron	Fe %	0.020 max.
sulphur	S %	0.0015 max.
Silver	Ag %	0.0005 max.
Arsenic	As %	0.001 max.
Bismuth	Bi %	0.0001 max.
Lead	Pb %	0.0005 max.
Antimony	Sb %	0.0001 max.
Selenium	Se %	0.0002 max.
Tin	Sn %	0.0001 max.
Tantalum	Ta %	0.0005 max.

Chemical Composition		
Tellurium	Te %	0.0001 max.
Titanium	Ti %	0.0001 max.
Zirconium	Zr %	0.001 max.
Ni + Co	Ni% + Co%	99.960 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**
2.4011	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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