

# Material: DIN H-Ni99,95

## Standard Specification for Refined Nickel Alloy Castings

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN H-Ni99,95 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.	<b>Heat Treatment</b>		
Silver	Ag %	0.0005 max.	As-Cast or Annealing or Age Hardning		
Arsenic	As %	0.001 max.	<b>Mechanical Properties</b>		
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
2.4017	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)