

Material: DIN 2.4145

Standard Specification for Nickel-Chromium-Manganese Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4145 Nickel-Chromium-Manganese Alloy Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.100 max.
Silicon	Si %	0.600 max.
Manganese	Mn %	1.200 - 2.500
Copper	Cu %	0.500 max.
Iron	Fe %	2.000 max.
Chromium	Cr %	2.000 max.
Titanium	Ti %	0.200 - 0.400
Nickel	Ni %	95.000 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
NiCr 2 Mn	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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