

Material: DIN 2.4882

Standard Specification for Nickel and Nickel NiMoFe Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4882 Nickel and Nickel NiMoFe Alloy Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.120 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	1.000 max.
Cobalt	Co %	2.500 max.
Iron	Fe %	4.000 - 6.000
Molybdenum	Mo %	26.000 - 30.000
Phosphorus	P %	0.040 max.
Sulphur	S %	0.033 max.
Vanadium	V %	0.200 - 0.600
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

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
G-NiMo 30	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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