Material: DIN 2.4530

Standard Specification for Nickel and Nickel-Iron Alloy Casting

Group: *Non-Ferrous Nickel Alloys*
Sub Group: *DIN 2.4530 Nickel and Nickel-Iron Alloy Casting*
Application: *Intended for Valve, Pump, General Engineering, Automotive and other Industries*
Grade Belongs to the Industry: *Casting*

Chemical Composition		
Carbon	C %	0.050 max.
Silicon	Si %	0.400 max.
Manganese	Mn %	1.000 max.
Copper	Cu %	4.000 - 6.000
Iron	Fe %	12.000 - 16.000
Molybdenum	Mo %	2.000 - 5.000
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardening

Mechanical Properties	
Tensile Strength in Mpa	690 min.
Yield Strength in Mpa	283 min.
Elongation in %	40 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
NiFe16CuMo	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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