

# Material: DIN 2.4050

## Standard Specification for Nickel and Nickel Alloy Castings

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN 2.4050 Nickel and Nickel Alloy Castings

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

**Grade Belongs to the Industry:** Casting

Chemical Composition		
Carbon	C %	0.080 max.
Silicon	Si %	0.030 max.
Manganese	Mn %	0.010 max.
Copper	Cu %	0.030 max.
Iron	Fe %	0.070 max.
Magnesium	Mg %	0.040 max.
Sulphur	S %	0.005 max.
Nickel	Ni %	99.800 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	300 - 450
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
-	-	-	-
-	-	-	-
-	-	-	-
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