

## Material: DIN 2.4108

### Standard Specification for Nickel and Nickel Alloys Wires

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN 2.4108 Nickel and Nickel Alloys Wires

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

**Grade Belongs to the Industry:** Wire

Chemical Composition		
Carbon	C %	0.150 - 0.250
Silicon	Si %	0.250 max.
Manganese	Mn %	0.700 - 1.300
Copper	Cu %	0.500 max.
Iron	Fe %	0.500 max.
Magnesium	Mg %	0.150 max.
Sulphur	S %	0.010 max.
Titanium	Ti %	0.100 max.
Ni + Co	Ni% + Co%	98.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	340 min.
Yield Strength in Mpa	-
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in HRB	200 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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