

Material: DIN 2.4608

Standard Specification for Nickel and Nickel Alloy Strips and Sheets

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4608 Nickel and Nickel Alloy Strips and Sheets

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

Grade Belongs to the Industry: Strip and Sheet

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 - 0.080	As-Cast or Annealing or Age Hardening	
Silicon	Si %	0.700 - 1.500		
Manganese	Mn %	2.000 max.		
Chromium	Cr %	24.000 - 26.000		
Cobalt	Co %	2.500 - 4.000		
Molybdenum	Mo %	2.500 - 4.000		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.015 max.		
Tungsten	W %	2.500 - 4.000		
Nickel	Ni %	44.000 - 47.000		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	550 min.
-	-	-	Yield Strength in Mpa	240 min.
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	220 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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