

Material: DIN 2.4710

Standard Specification for Strips and Sheets of Nickel and Nickel Alloys

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4710 Strips and Sheets of Nickel and Nickel Alloys

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

Grade Belongs to the Industry: Strip and Sheet

Chemical Composition		
Carbon	C %	0.010 max.
Silicon	Si %	0.100 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	6.000 - 10.000
Cobalt	Co %	1.000 max.
Aluminium	Al %	0.500 max.
Copper	Cu %	0.500 max.
Molybdenum	Mo %	21.000 - 25.000
Iron	Fe %	5.000 - 8.000
Phosphorus	P %	0.020 max.
Sulphur	S %	0.015 max.
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment	
As-Cast or Annealing or Age Hardning	

Mechanical Properties	
Tensile Strength in Mpa	720 min.
Yield Strength in Mpa	320 min.
Elongation in %	35 min.
Reduction of Area in %	-
Hardness in HBW	240 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiMo23Cr8Fe	DIN	Germany	Strip and Sheet
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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