

Material: DIN NiMo23Cr8Fe

Standard Specification for Strips and Sheets of Nickel and Nickel Alloys

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN NiMo23Cr8Fe 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			Heat Treatment	
Carbon	C %	0.010 max.	As-Cast or Annealing or Age Hardning	
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.	Mechanical Properties	
Sulphur	S %	0.015 max.	Tensile Strength in Mpa	720 min.
Nickel	Ni %	Balance	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
DIN 2.4710	DIN	Germany	Strip and Sheet
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Customer Care: +91-99090 45075 Email: info@icastllp.com