



## Material - DIN 2.4733

### Standard Specification for Strips and Sheets of Nickel and Nickel Alloys

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4733 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			Chemical Composition		
Carbon	C %	0.050 - 0.150	Nickel	Ni %	Balance
Silicon	Si %	0.250 - 0.750	-	-	-
Manganese	Mn %	0.300 - 1.000	-	-	-
Chromium	Cr %	20.000 - 24.000	-	-	-
Cobalt	Co %	5.000 max.	-	-	-
Aluminium	Al %	0.200 - 0.500	<b>Heat Treatment</b>		
Copper	Cu %	0.500 max.	As-Cast or Annealing or Age Hardning		
Molybdenum	Mo %	1.000 - 3.000	<b>Mechanical Properties</b>		
Iron	Fe %	3.000 max.	Tensile Strength in Mpa	760 min.	
Phosphorus	P %	0.020 max.	Yield Strength in Mpa	310 min.	
Sulphur	S %	0.015 max.	Elongation in %	35 min.	
Boron	B %	0.015 max.	Reduction of Area in %	-	
Lanthanum	La %	0.005 - 0.050	Hardness in BHN	-	
Titanium	Ti %	0.100 max.	Impact in Joule	-	
Tungsten	W %	13.000 - 15.000			

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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