



## Material - DIN 2.4146

### Standard Specification for Nickel and Nickel Alloys Wires

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4146 Nickel and Nickel Alloys Wires

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

Grade Belongs to the Industry - Wire

Chemical Composition			Heat Treatment			
Carbon	C %	0.050 max.	As-Cast or Annealing or Age Hardning			
Silicon	Si %	0.400 - 0.650				
Manganese	Mn %	1.300 - 1.800				
Copper	Cu %	0.150 max.				
Iron	Fe %	0.300 max.				
Chromium	Cr %	1.400 - 1.800				
sulphur	S %	0.005 max.				
Titanium	Ti %	0.100 max.				
Ni + Co	Ni% + Co%	95.500 min.				
-	-	-				
-	-	-	<th colspan="2">Mechanical Properties</th>		Mechanical Properties	
-	-	-	Tensile Strength in Mpa	400 min.		
-	-	-	Yield Strength in Mpa	140 min.		
-	-	-	Elongation in %	30 min.		
-	-	-	Reduction of Area in %	-		
-	-	-	Hardness in BHN	-		
-	-	-	Impact in Joule	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiCr2MnSi	DIN	Germany	Wire
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**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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