



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN NiCr2MnSi

Standard Specification for Nickel and Nickel Alloys Wires

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN NiCr2MnSi 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
2.4146	DIN	Germany	Wire
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS