



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN 2.4363

Standard Specification for Nickel and Nickel Alloy Rods and Bars

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4363 Nickel and Nickel Alloy Rods and Bars

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

Grade Belongs to the Industry - Rod and Bar

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	2.000 max.		
Copper	Cu %	28.000 - 34.000		
Iron	Fe %	2.500 max.		
Aluminium	Al %	0.500 max.		
sulphur	S %	0.025 - 0.060		
Titanium	Ti %	0.300 max.		
Ni + Co	Ni% + Co%	63.000 - 70.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	450 min.
			Yield Strength in Mpa	180 min.
			Elongation in %	35 min.
			Reduction of Area in %	-
			Hardness in BHN	150 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiCu30FeS	DIN	Germany	Rod and Bar
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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