

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
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