

Material: DIN EL-NiCu 30 Mn

Standard Specification for Nickel and Nickel Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN EL-NiCu 30 Mn Nickel and Nickel Alloy Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 - 4.000		
Copper	Cu %	27.000 - 34.000		
Iron	Fe %	0.500 - 2.500		
Aluminium	Al %	0.500 max.		
sulphur	S %	0.015 max.		
Titanium	Ti %	1.000 max.		
Niobium	Nb %	1.000 max.		
Ni + Co	Ni% + Co%	63.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 460 min. Yield Strength in Mpa 200 min. Elongation in % 25 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4361	DIN	Germany	Strip and Sheet
2.4366	DIN	Germany	Strip and Sheet
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