

Material: DIN NiMn3Al

Standard Specification for Nickel-Chromium-Manganese Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN NiMn3Al Nickel-Chromium-Manganese Alloy Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.050 max.
Silicon	Si %	1.000 - 2.000
Manganese	Mn %	1.000 - 3.000
Copper	Cu %	0.100 max.
Iron	Fe %	0.300 max.
Magnesium	Mg %	0.150 max.
Sulphur	S %	0.010 max.
Aluminium	Al %	1.000 - 2.000
Nickel	Ni %	94.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4122	DIN	Germany	Casting
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-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-

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