

# Material: DIN NiCr 2 Mn

## Standard Specification for Nickel-Chromium-Manganese Alloy Casting

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN NiCr 2 Mn 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 %	0.100 max.
Silicon	Si %	0.600 max.
Manganese	Mn %	1.200 - 2.500
Copper	Cu %	0.500 max.
Iron	Fe %	2.000 max.
Chromium	Cr %	2.000 max.
Titanium	Ti %	0.200 - 0.400
Nickel	Ni %	95.000 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
2.4145	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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