



## Material - DIN 2.4151

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

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4151 Nickel-Chromium-Manganese 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 %	0.100 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	2.000 max.		
Manganese	Mn %	2.000 - 4.000		
Copper	Cu %	0.500 max.		
Iron	Fe %	1.000 max.		
Chromium	Cr %	5.000 max.		
Ni + Co	Ni% + Co%	90.000 min.		
-	-	-		
-	-	-	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
NiCr 5 MnSi	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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