

## Material: DIN NiCr20AlSi

### Standard Specification for Nickel and Chromium Alloy Casting

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN NiCr20AlSi Nickel and Chromium Alloy Casting

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

**Grade Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	3.500 min.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 min.		
Manganese	Mn %	0.500 min.		
Chromium	Cr %	20.000 min.		
Iron	Fe %	0.500 min.		
Nickel	Ni %	Balance		
-	-	-		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 1000 min. Yield Strength in Mpa - Elongation in % 20 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
2.4872	DIN	Germany	Casting
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