

## Material: DIN 2.4539

### Standard Specification for Nickel and Nickel-Iron Alloy Casting

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN 2.4539 Nickel and Nickel-Iron 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 %	0.050 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.300 max.		
Manganese	Mn %	1.000 max.		
Copper	Cu %	4.000 - 6.000		
Iron	Fe %	13.000 - 17.000		
Molybdenum	Mo %	3.000 - 5.000		
Nickel	Ni %	Balance		
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-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - 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
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