



## Material - DIN 2.4545

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

**Group - Non-Ferrous Nickel Alloys** 

Sub Group - DIN 2.4545 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.		
Silicon	Si %	0.400 max.		
Manganese	Mn %	1.000 max.		
Iron	Fe %	11.000 - 17.000	As-Cast or Annealing	or Age Hardning
Molybdenum	Mo %	2.000 - 6.000		
Nickel	Ni %	Balance		
-	-	-		
-	-	-		
-	-	-	Mechanical Properties	
-	-		Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	_	Hardness in HV	120 - 170
-	-	-	Impac <mark>t in Joule</mark>	-

Cross Reference Table				
Material	Standard	Country	Grade Belong to the Industry	
NiFe15Mo	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

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