



Material - ASTM B 814 N06920

Standard Specification for Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 814 N06920 Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy Plate, Sheet and Strip

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

Grade Belongs to the Industry - Plate, Sheet and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	20.500 - 23.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	8.000 - 10.000		
Phosphorus	P %	0.040 max.		
Cobalt	Co %	5.000 max.		
Iron	Fe %	17.000 - 20.000		
Tungsten	W %	1.000 - 3.000		
Nickel	Ni %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 655 min. Yield Strength in Mpa 240 min. Elongation in % 35 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
N06920	UNS	USA	Plate, Sheet and Strip
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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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