



Material - ASTM B 574 N06058

Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum, Alloy Rod

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 574 N06058 Low-Carbon Nickel-Chromium-Molybdenum, Alloy Rod

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

Grade Belongs to the Industry - Rod

Chemical Composition			Heat Treatment	
Carbon	C %	0.010 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.100 max.		
Manganese	Mn %	0.500 max.		
Chromium	Cr %	20.000 - 23.000		
Sulphur	S %	0.010 max.		
Molybdenum	Mo %	18.500 - 21.000		
Phosphorus	P %	0.015 max.		
Cobalt	Co %	0.300 max.		
Iron	Fe %	1.500 max.		
Aluminium	Al %	0.400 max.		
Copper	Cu %	0.500 max.	Mechanical Properties Tensile Strength in Mpa 760 min. Yield Strength in Mpa 360 min. Elongation in % 40 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Tungsten	W %	0.300 max.		
Nitrogen	N %	0.020 - 0.150		
Nickel	Ni %	Balance		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06058	ASTM	USA	Forging
B 575 N06058	ASTM	USA	Plate, Sheet and Strip
B 619 N06058	ASTM	USA	Pipe
B 622 N06058	ASTM	USA	Pipe and Tube
B 626 N06058	ASTM	USA	Tube
SB-564 N06058	ASME	USA	Forging
SB-574 N06058	ASME	USA	Rod

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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