

Material - ASTM B 574 N06200

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

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 574 N06200 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 %	0.080 max.		
Manganese	Mn %	0.500 max.		
Chromium	Cr %	22.000 - 24.000		
Sulphur	S %	0.010 max.		
Molybdenum	Mo %	15.000 - 17.000		
Phosphorus	P %	0.025 max.		
Cobalt	Co %	2.000 max.		
Iron	Fe %	3.000 max.	Mechanical Properties	
Aluminium	Al %	0.500 max.	Tensile Strength in Mpa	690 min.
Copper	Cu %	1.300 - 1.900	Yield Strength in Mpa	310 min.
Nickel	Ni %	Balance	Elongation in %	45 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06200	ASTM	USA	Forging
B 575 N06200	ASTM	USA	Plate, Sheet and Strip
B 462 N06200	ASTM	USA	Pipe Flanges, Forged Fittings and Valve
B 619 N06200	ASTM	USA	Pipe
B 622 N06200	ASTM	USA	Pipe and Tube
B 626 N06200	ASTM	USA	Tube
B 472 N06200	ASTM	USA	Billets and Bars

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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