Material: ASME SB-574 N06058

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

Group: *Non-Ferrous Nickel Alloys*
Sub Group: *ASME SB-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		
Carbon	C %	0.010 max.
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.
Copper	Cu %	0.500 max.
Aluminium	Al %	0.400 max.
Iron	Fe %	1.500 max.
Tungsten	W %	0.300 max.
Nitrogen	N %	0.020 - 0.150
Nickel	Ni %	Balance
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

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	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
B 564 N06058	ASTM	USA	Forging
B 574 N06058	ASTM	USA	Rod
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

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