

Material: ASTM B 575 N06058

Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum, Alloy Plate, Sheet and Strip

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM B 575 N06058 Low-Carbon Nickel-Chromium-Molybdenum, 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 %	0.010 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.		
Aluminium	Al %	0.400 max.		
Iron	Fe %	1.500 max.		
Cobalt	Co %	0.300 max.	Mechanical Properties	
Copper	Cu %	0.500 max.	Tensile Strength in Mpa	760 min.
Tungsten	W %	0.300 max.	Yield Strength in Mpa	360 min.
Nitrogen	N %	0.020 - 0.150	Elongation in %	40 min.
Nickel	Ni %	Balance	Reduction of Area in %	-
-	-	-	Hardness in HRC	100 max.
			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 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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com