

Material - ASTM B 691 N08366

Standard Specification for Iron-Nickel-Chromium-Molybdenum Alloys Rod, Bar and Wire

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 691 N08366 Iron-Nickel-Chromium-Molybdenum Alloys Rod, Bar and Wire

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

Grade Belongs to the Industry - Rod, Bar and Wire

Chemical Composition			Heat Treatment	
Carbon	C %	0.035 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	2.000 max.		
Chromium	Cr %	20.000 - 22.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	6.000 - 7.000		
Phosphorus	P %	0.040 max.		
Nickel	Ni %	23.500 - 25.500	Mechanical Properties Tensile Strength in Mpa 517 min. Yield Strength in Mpa 206 min. Elongation in % 30 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 688 N08366	ASTM	USA	Plate, Sheet and Strip
B 690 N08366	ASTM	USA	Pipe and Tube
SB-690 N08366	ASME	USA	Pipe and Tube
SB-691 N08366	ASME	USA	Rod, Bar and Wire
SB-688 N08366	ASME	USA	Plate, Sheet and Strip
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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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