

Material - ASTM B 691 N08367

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

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 691 N08367 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 %	0.030 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.		
Copper	Cu %	0.750 max.	Mechanical Properties Tensile Strength in Mpa 655 min. Yield Strength in Mpa 310 min. Elongation in % 30 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Nitrogen	N %	0.180 - 0.250		
Nickel	Ni %	23.500 - 25.500		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N08367	ASTM	USA	Forging
B 688 N08367	ASTM	USA	Plate, Sheet and Strip
B 462 N08367	ASTM	USA	Pipe Flanges, Forged Fittings, and Valve
A 314 N08367	ASTM	USA	Bar and Forging
B 472 N08367	ASTM	USA	Billet and Bar
B 690 N08367	ASTM	USA	Pipe and Tube
B 834 N08367	ASTM	USA	Pipe Flanges, Forged Fittings, and Valve

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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