

Material - ASTM B 756 N06110

Standard Specification for Nickel-Chromium-Molybdenum-Tungsten Alloy Rod and Bar

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 756 N06110 Nickel-Chromium-Molybdenum-Tungsten Alloy Rod and Bar

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

Grade Belongs to the Industry - Rod and Bar

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	28.000 - 33.000		
Sulphur	S %	0.015 max.		
Molybdenum	Mo %	9.000 - 12.000		
Phosphorus	P %	0.015 max.		
Copper	Cu %	0.500 max.	Mechanical Properties Tensile Strength in Mpa 621 min. Yield Strength in Mpa 276 min. Elongation in % 50 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Niobium	Nb %	1.000 max.		
Tungsten	W %	1.000 - 4.000		
Iron	Fe %	1.000 max.		
Aluminium	Al %	1.000 max.		
Titanium	Ti %	1.000 max.		
Cobalt	Co %	1.000 max.		
Nickel	Ni %	51.000 min.		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06110	ASTM	USA	Forging
B 755 N06110	ASTM	USA	Plate, Sheet and Strip
B 757 N06110	ASTM	USA	Pipe
B 758 N06110	ASTM	USA	Tube
B 759 N06110	ASTM	USA	Pipe and Tube
SB-564 N06110	ASME	USA	Forging
N06110	UNS	USA	Forging

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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