AMTECH
TECHNOCAST PVT. LTD.

Material - ASTM B 160 N02201

Standard Specification for Nickel Rod and Bar

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 160 N02201 Nickel Rod and Bar

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

Grade Belongs to the Industry - Rod and Bar

Chemical Composition		
Carbon	C %	0.020 max.
Silicon	Si %	0.350 max.
Manganese	Mn %	0.350 max.
Copper	Cu %	0.250 max.
Sulphur	S %	0.010 max.
Iron	Fe %	0.400 max.
Nickel	Ni %	99.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	345 min.
Yield Strength in Mpa	70 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 161 N02201	ASTM	USA	Pipe and Tube
B 162 N02201	ASTM	USA	Plate, Sheet, and Strip
B 163 N02201	ASTM	USA	Tube
N02201	UNS	USA	Pipe
SB-160 N02201	ASME	USA	Rod and Bar
NLCP	JIS	Japan	Plate, Sheet and Strip
NW2201	JIS	Japan	Plate, Sheet and Strip

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, or email us at manish@amtechtechnocast.com