AMTECH
TECHNOCAST PVT. LTD.

Material - ASTM B 564 N06690

Standard Specification for Nickel Alloy Forgings

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 564 N06690 Nickel Alloy Forgings

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

Grade Belongs to the Industry - Forging

Chemical Composition		
Carbon	C %	0.050 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	0.500 max.
Copper	Cu %	0.500 max.
Sulphur	S %	0.015 max.
Chromium	Cr %	27.000 - 31.000
Iron	Fe %	7.000 - 11.000
Nickel	Ni %	58.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	586 min.
Yield Strength in Mpa	241 min.
Elongation in %	30 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
B 163 N06690	ASTM	USA	Tube
B 166 N06690	ASTM	USA	Rod, Bar and Wire
B 167 N06690	ASTM	USA	Pipe and Tube
B 168 N06690	ASTM	USA	Plate, Sheet and Strip
B 834 N06690	ASTM	USA	Pipe
N06690	UNS	USA	Sheet
SB-166 N06690	ASME	USA	Rod, Bar and Wire

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