

Material - ASTM B 564 N04400

Standard Specification for Nickel Alloy Forgings

Group - Non-Ferrous Nickel Alloys

Sub Group - B 564 N04400 Nickel Alloy Forgings

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

Grade Belongs to the Industry - Forging

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	2.000 max.		
Iron	Fe %	2.500 max.		
Sulphur	S %	0.024 max.		
Copper	Cu %	28.000 - 34.000		
Nickel	Ni %	63.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 483 min. Yield Strength in Mpa 172 min. Elongation in % 20 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 164 N04400	ASTM	USA	Rod, Bar and Wire
B 165 N04400	ASTM	USA	Pipe and Tube
B 127 N04400	ASTM	USA	Plate, Sheet and Strip
B 725 N04400	ASTM	USA	Pipe
B 163 N04400	ASTM	USA	Tube
SB-163 N04400	ASME	USA	Tube
SB-165 N04400	ASME	USA	Pipe and Tube

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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