



Material - ASTM B 564 N10665

Standard Specification for Nickel Alloy Forgings

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 564 N10665 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 %	0.020 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.100 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	1.000 max.		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	26.000 - 30.000		
Phosphorus	P %	0.040 max.		
Cobalt	Co %	1.000 max.		
Iron	Fe %	1.000 - 6.000		
Nickel	Ni %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 760 min. Yield Strength in Mpa 350 min. Elongation in % 40 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 333 N10665	ASTM	USA	Plate, Sheet and Strip
B 335 N10665	ASTM	USA	Rod
B 462 N10665	ASTM	USA	Pipe and Valve
B 619 N10665	ASTM	USA	Pipe
B 622 N10665	ASTM	USA	Pipe and Tube
B 626 N10665	ASTM	USA	Tube
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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