

Material - ASTM B 564 N06110

Standard Specification for Nickel Alloy Forgings

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 564 N06110 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 %	0.150 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 %	0.500 max.		
Titanium	Ti %	1.000 max.		
Aluminium	Al %	1.000 max.	Mechanical Properties	
Iron	Fe %	1.000 max.	Tensile Strength in Mpa	621 min.
Copper	Cu %	0.500 max.	Yield Strength in Mpa	276 min.
Nb + Ta	Nb% + Ta%	1.000 max.	Elongation in %	50 min.
Tungsten	W %	1.000 - 4.000	Reduction of Area in %	-
Nickel	Ni %	51.000 min.	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 755 N06110	ASTM	USA	Plate, Sheet and Strip
B 756 N06110	ASTM	USA	Rod and Bar
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

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call

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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