

Material - ASTM B 564 N06210

Standard Specification for Nickel Alloy Forgings

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 564 N06210 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 %	0.015 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	0.500 max.		
Chromium	Cr %	18.000 - 20.000		
Sulphur	S %	0.020 max.		
Molybdenum	Mo %	18.000 - 20.000		
Phosphorus	P %	0.020 max.		
Cobalt	Co %	1.000 max.		
Vanadium	V %	0.350 max.	Mechanical Properties	
Tantalum	Ta %	1.500 - 2.200	Tensile Strength in Mpa	690 min.
Iron	Fe %	1.000 max.	Yield Strength in Mpa	310 min.
Nickel	Ni %	Balance	Elongation in %	45 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 574 N06210	ASTM	USA	Rod
B 575 N06210	ASTM	USA	Plate, Sheet and Strip
B 619 N06210	ASTM	USA	Pipe
B 622 N06210	ASTM	USA	Pipe and Tube
B 626 N06210	ASTM	USA	Tube
-	-	-	-
-	-	-	-

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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