



## Material - ASME SB-725 N02200

### Standard Specification for Nickel and Nickel Copper Alloy, Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - Standard Specification for Nickel and Nickel Copper Alloy, Pipe

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

Grade Belongs to the Industry - Pipe

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.350 max.		
Manganese	Mn %	0.350 max.		
Copper	Cu %	0.250 max.		
Sulphur	S %	0.010 max.		
Iron	Fe %	0.400 max.		
Nickel	Ni %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	380 min.
-	-	-	Yield Strength in Mpa	105 min.
-	-	-	Elongation in %	40 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	0	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N02200	ASME	USA	Forging
SB-564 N02200	ASME	USA	Forging
B 725 N02200	ASTM	USA	Pipe
B 160 N02200	ASTM	USA	Rod and Bar
B 161 N02200	ASTM	USA	Pipe and Tube
B 162 N02200	ASTM	USA	Plate, Sheet and Strip
B 163 N02200	ASTM	USA	Tube

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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