



Material - ASTM B 829 N06600

Standard Specification for Nickel-Chromium-Iron-Alloy Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 829 N06600 Nickel-Chromium-Iron-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 %	0.500 max.		
Manganese	Mn %	1.000 max.		
Copper	Cu %	0.500 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	14.000 - 17.000		
Iron	Fe %	6.000 - 10.000		
Nickel	Ni %	72.000 min.		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	655 min.
-	-	-	Yield Strength in Mpa	310 min.
-	-	-	Elongation in %	40 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06600	ASTM	USA	Forging
B 366 N06600	ASTM	USA	Forging
B 516 N06600	ASTM	USA	Tube
B 517 N06600	ASTM	USA	Pipe
B 564 N06600	ASTM	USA	Forging
B 751 N06600	ASTM	USA	Pipe
B 775 N06600	ASTM	USA	Pipe

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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