



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM B 516 N06693

Standard Specification for Nickel-Chromium-Iron Alloys and Nickel-Chromium-Cobalt-Molybdenum Alloy Seamless Tube

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 516 N06693 Nickel-Chromium-Iron Alloys and Nickel-Chromium-Cobalt-Molybdenum Alloy Seamless Tube

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

Grade Belongs to the Industry - Tube

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 %	0.010 max.		
Chromium	Cr %	27.000 - 31.000		
Iron	Fe %	2.500 - 6.000		
Aluminium	Al %	2.500 - 4.000	Mechanical Properties	
Titanium	Ti %	1.000 max.	Tensile Strength in Mpa	690 min.
Niobium	Nb %	0.500 - 2.500	Yield Strength in Mpa	345 min.
Nickel	Ni %	Balance	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 166 N06693	ASTM	USA	Rod, Bar and Wire
B 167 N06693	ASTM	USA	Pipe and Tube
B 168 N06693	ASTM	USA	Plate, Sheet and Strip
-	-	-	-
-	-	-	-
-	-	-	-
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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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