

Material - ASTM B 167 N06617

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

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 167 N06617 Nickel-Chromium-Iron Alloys and Nickel-Chromium-Cobalt-Molybdenum Alloy Seamless Pipe and Tube

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

Grade Belongs to the Industry - Pipe and Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.050 - 0.150	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Copper	Cu %	0.500 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	20.000 - 24.000		
Aluminium	Al %	0.800 - 1.500		
Boron	B %	0.006 max.	Mechanical Properties Tensile Strength in Mpa 665 - 760 Yield Strength in Mpa 240 min. Elongation in % 35 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Iron	Fe %	3.000 max.		
Molybdenum	Mo %	8.000 - 10.000		
Cobalt	Co %	10.000 - 15.000		
Titanium	Ti %	0.600 max.		
Nickel	Ni %	44.500 min.		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 166 N06617	ASTM	USA	Rod, Bar and Wire
B 168 N06617	ASTM	USA	Plate, Sheet and Strip
B 564 N06617	ASTM	USA	Forging
B 626 N06617	ASTM	USA	Tube
B 546 N06617	ASTM	USA	Pipe
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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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