

Material - ASTM A 213 N08028

Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM A 213 N08028 Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes

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

Grade Belongs to the Industry - Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	2.500 max.		
Chromium	Cr %	26.000 - 28.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	3.000 - 4.000		
Copper	Cu %	0.600 - 1.400		
Phosphorus	P %	0.030 max.		
Nickel	Ni %	30.000 - 34.000		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	500 min.
-	-	-	Yield Strength in Mpa	214 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
Incoloy Alloy 28	Gravity	India	Pipe, Tube, Sheet, Strip, Plate, Hexagon and Wire
A 988 N08028	ASTM	USA	Flanges, Fittings, Valves and Parts
A312 N08028	ASTM	USA	Pipe
SA-213 N08028	ASME	USA	Tube
SA-312 N08028	ASME	USA	Pipe
SA-988 N08028	ASME	USA	Flanges, Fittings, Valves and Parts
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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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