

Material: ASME SA-213 N08028

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

Group: Non-Ferrous Nickel Alloys

Sub Group: ASME SA-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		
-	-	-	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 213 N08028	ASTM	USA	Tube
A 988 N08028	ASTM	USA	Flanges, Fittings, Valves and Parts
A312 N08028	ASTM	USA	Pipe
SA-312 N08028	ASME	USA	Pipe
SA-988 N08028	ASME	USA	Flanges, Fittings, Valves and Parts
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com