

Material - ASTM A240 UNS S33228

Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A240 Chromium and Chromium-Nickel Stainless Steel for Pressure Vessels and for General Applications

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

Grade Belongs to the Industry - Steel, Plate, Sheet and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.040 - 0.080	Solution Annealing	
Silicon	Si %	0.300 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.020 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	26.000 - 28.000		
Nickel	Ni %	31.000 - 33.000		
Cerium	Ce %	0.050 - 0.100	Mechanical Properties	
Niobium	Nb %	0.600 - 1.000		
Aluminium	Al %	0.025 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-	Tensile Strength in Mpa	
-	-	-	Yield Strength in Mpa	
-	-	-	Elongation in %	
-	-	-	Reduction of Area in %	
-	-	-	Hardness in BHN	
-	-	-	Impact in Joule	

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
S33228	UNS	USA	Steel
A167 S33228	ASTM	USA	Steel, Sheet, Plate and Strip
A213 S33228	ASTM	USA	Steel and Tube
A312 S33228	ASTM	USA	Steel and Pipe
A249 S33228	ASTM	USA	Steel and Tube
A479 S33228	ASTM	USA	Steel and Bar
A959 S33228	ASTM	USA	Steel

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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