

Material: UNS S38815

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: UNS 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

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Solution Annealing	
Silicon	Si %	5.500 - 6.500		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	13.000 - 15.000		
Nickel	Ni %	13.000 - 17.000		
Molybdenum	Mo %	0.750 - 1.500		
Copper	Cu %	0.750 - 1.500		
Aluminium	Al %	0.300 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A240 UNS S38815	ASTM	USA	Steel, Plate, Sheet and Strip
A403 WP S38815	ASTM	USA	Steel and Pipe
A959 S38815	ASTM	USA	Steel
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