



Material - SAE XM-29

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 - SAE XM-29 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 %	0.080 max.	Solution Annealing	
Silicon	Si %	0.750 max.		
Manganese	Mn %	11.500 - 14.500		
Phosphorus	P %	0.060 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	17.000 - 19.000		
Nickel	Ni %	2.250 - 3.750		
Nitrogen	N %	0.200 - 0.400	Mechanical Properties Tensile Strength in Mpa 690 min. Yield Strength in Mpa 380 min. Elongation in % 40 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A240 UNS S24000	ASTM	USA	Steel, Plate, Sheet and Strip
S24000	UNS	USA	Steel and Pipe
A276 XM-29	ASTM	USA	Steel, Bar and Shapes
A479 XM-29	ASTM	USA	Steel and Bar
A358 xm-29	ASTM	USA	Steel and Pipe
A314 XM-29	ASTM	USA	Steel, Rolling and Forging
A580 Type XM-29	ASTM	USA	Steel and Wire

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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