

Material: ASTM A 269 S32654

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 A 269 S32654 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 and Tube

Chemical Composition		
Carbon	C %	0.020 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	2.000 - 4.000
Phosphorus	P %	0.030 max.
Sulphur	S %	0.005 max.
Chromium	Cr %	24.000 - 25.000
Molybdenum	Mo %	7.000 - 8.000
Nickel	Ni %	21.000 - 23.000
Copper	Cu %	0.300 - 0.600
Nitrogen	N %	0.450 - 0.550
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
Solution Annealing	
Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	250 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A240 UNS S32654	ASTM	USA	Steel, Plate, Sheet and Strip
S32654	UNS	USA	Steel
A167 S32654	ASTM	USA	Steel, Sheet, Plate and Strip
A249 S32654	ASTM	USA	Steel and Tube
A276 S32654	ASTM	USA	Steel, Bar and Shapes
A312 S32654	ASTM	USA	Steel and Pipe
A959 S32654	ASTM	USA	Steel

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India