



Material - ASTM A 479 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 A 479 S33228 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 Bar

| 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 | | |
| Niobium | Nb % | 0.600 - 1.000 | | |
| Aluminium | Al % | 0.025 max. | | |
| Iron | Fe % | Balance | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|---------|-------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| A240 UNS S33228 | ASTM | USA | Steel, Plate, Sheet and Strip |
| 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 |
| A959 S33228 | ASTM | USA | Steel |

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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