

ASTM and SAE-AMS Standards and Specifications for STAINLESS STEEL

Stock #: STEEL03

A167-99	Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip
A176-99	Standard Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip
A 182/A 182M-02	Standard Specification for Forged or Rolled Alloy-Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service
A 193/A 193M-03	Standard Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service
A 194/A 194M-03a	Standard Specification for Carbon and Alloy Steel Nuts for Bolts for High-Pressure or High-Temperature Service, or Both
A 213/A 213M-03a	Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes
A 217/A 217M-02	Standard Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service
A 240/A 240M-03b	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
A 249/A 249M-02	Standard Specification for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes
A 262-02a	Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels
A 264-03	Standard Specification for Stainless Chromium-Nickel Steel-Clad Plate, Sheet, and Strip
A 268/A 268M-01	Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service
A 269-02a	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
A 270-03	Standard Specification for Seamless and Welded Austenitic Stainless Steel Sanitary Tubing
A 276-03	Standard Specification for Stainless Steel Bars and Shapes
A 289/A 289M-97 (2003)	Standard Specification for Alloy Steel Forgings for Nonmagnetic Retaining Rings for Generators
A 297/A 297M-97 (2003)	Standard Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application
A 312/A 312M-02	Standard Specification for Seamless and Welded Austenitic Stainless Steel Pipes
A 313/A 313M-03	Standard Specification for Stainless Steel Spring Wire
A 314-97 (2002)	Standard Specification for Stainless Steel Billets and Bars for Forging
A 320/A 320M-03	Standard Specification for Alloy-Steel Bolting Materials for Low-Temperature Service
A 336/A 336M-03	Standard Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts
A 351/A 351M-03	Standard Specification for Castings, Austenitic, Austenitic-Ferritic (Duplex), for Pressure-Containing Parts
A 352/A 352M-03	Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service
A 356/A 356M-98 (2003)	Standard Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines
A 358/A 358M-01	Standard Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Alloy Steel Pipe for High-Temperature Service
A 368-95a (2000)	Standard Specification for Stainless Steel Wire Strand
A 376/A 376M-02a	Standard Specification for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service
A 380-99 _1	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
A 409/A 409M-01	Standard Specification for Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service
A 426/A 426M-02	Standard Specification for Centrifugally Cast Ferritic Alloy Steel Pipe for High-Temperature Service
A 437/A 437M-01a	Standard Specification for Alloy-Steel Turbine-Type Bolting Material Specially Heat Treated for High-Temperature Service

A 447/A 447M-93 (1998)	Standard Specification for Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service
A 450/A 450M-02	Standard Specification for General Requirements for Carbon, Ferritic Alloy, and Austenitic Alloy Steel Tubes
A 451/A 451M-02	Standard Specification for Centrifugally Cast Austenitic Steel Pipe for High-Temperature Service
A 453/A 453M-02	Standard Specification for High-Temperature Bolting Materials, with Expansion Coefficients Comparable to Austenitic Stainless Steels
A 473-01	Standard Specification for Stainless Steel Forgings
A 478-97 (2002)	Standard Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire
A 479/A 479M-03	Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels
A 480/A 480M-03b	Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
A 484/A 484M-03a	Standard Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings
A 487/A 487M-93 (2003)	Standard Specification for Steel Castings Suitable for Pressure Service
A 492-95 (2000)	Standard Specification for Stainless Steel Rope Wire
A 493-95 (2000)	Standard Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging
A 498-98	Standard Specification for Seamless and Welded Carbon, Ferritic, and Austenitic Alloy Steel Heat-Exchanger Tubes with Integral Fins
A 511-96	Standard Specification for Seamless Stainless Steel Mechanical Tubing
A 530/A 530M-02	Standard Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe
A 554-98 _1	Standard Specification for Welded Stainless Steel Mechanical Tubing
A 555/A 555M-97 (2002)	Standard Specification for General Requirements for Stainless Steel Wire and Wire Rods
A 564/A 564M-02a	Standard Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes
A 565-03b	Standard Specification for Martensitic Stainless Steel Bars for High-Temperature Service
A 579-01	Standard Specification for Superstrength Alloy Steel Forgings
A 580/A 580M-98	Standard Specification for Stainless Steel Wire
A 581/A 581M-95b(2000)	Standard Specification for Free-Machining Stainless Steel Wire and Wire Rods
A 582/A 582M-95b(2000) _1	Standard Specification for Free-Machining Stainless Steel Bars
A 604-93 (2003)	Standard Test Method for Macroetch Testing of Consumable Electrode Remelted Steel Bars and Billets
A 609/A 609M-91 (2002)	Standard Practice for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof
A 638/A 638M-00	Standard Specification for Precipitation Hardening Iron Base Superalloy Bars, Forgings, and Forging Stock for High-Temperature Service
A 646-95 (1999)	Standard Specification for Premium Quality Alloy Steel Blooms and Billets for Aircraft and Aerospace Forgings
A 666-00	Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar
A 688/A 688M-02	Standard Specification for Welded Austenitic Stainless Steel Feedwater Heater Tubes
A 693-03	Standard Specification for Precipitation-Hardening Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
A 705/A 705M-95 (2000)	Standard Specification for Age-Hardening Stainless Steel Forgings
A 733-03	Standard Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples
A 743/A 743M-03	Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application
A 744/A 744M-00 _1	Standard Specification for Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service
A 745/A 745M-94 (1999)	Standard Practice for Ultrasonic Examination of Austenitic Steel Forgings
A 756-94 (2001)	Standard Specification for Stainless Anti-Friction Bearing Steel

A 757/A 757M-00	Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications, for Low-Temperature Service
A 763-93 (1999) _1	Standard Practices for Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels
A 771/A 771M-95 (2001)	Standard Specification for Seamless Austenitic and Martensitic Stainless Steel Tubing for Liquid Metal-Cooled Reactor Core Components
A 774/A 774M-02	Standard Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures
A 778-01	Standard Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products
A 781/A 781M-03a	Standard Specification for Castings, Steel and Alloy, Common Requirements, for General Industrial Use
A 789/A 789M-02a	Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service
A 790/A 790M-03	Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe
A 793-96 (2001)	Standard Specification for Rolled Floor Plate, Stainless Steel
A 799/A 799M-92 (2002)	Standard Practice for Steel Castings, Stainless, Instrument Calibration, for Estimating Ferrite Content
A 800/A 800M-01	Standard Practice for Steel Casting, Austenitic Alloy, Estimating Ferrite Content Thereof
A 814/A 814M-03	Standard Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe
A 815/A 815M-01a	Standard Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings
A 826/A 826M-95 (2001)	Standard Specification for Seamless Austenitic and Martensitic Stainless Steel Duct Tubes for Liquid Metal-Cooled Reactor Core Components
A 831/A 831M-95 (2000)	Standard Specification for Austenitic and Martensitic Stainless Steel Bars, Billets, and Forgings for Liquid Metal Cooled Reactor Core Components
A 838-02	Standard Specification for Free-Machining Ferritic Stainless Soft Magnetic Alloy Bar for Relay Applications
A 872/A 872M-02	Standard Specification for Centrifugally Cast Ferritic/Austenitic Stainless Steel Pipe for Corrosive Environments
A 887-89 (2000)	Standard Specification for Borated Stainless Steel Plate, Sheet, and Strip for Nuclear Application
A 890/A 890M-99	Standard Specification for Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application
A 891-98 (2003)	Standard Specification for Precipitation Hardening Iron Base Superalloy Forgings for Turbine Rotor Disks and Wheels
A 895-89 (2000)	Standard Specification for Free-Machining Stainless Steel Plate, Sheet, and Strip
A 908-03	Standard Specification for Stainless Steel Needle Tubing
A 923-01 _1	Standard Test Methods for Detecting Detrimental Intermetallic Phase in Wrought Duplex Austenitic/Ferritic Stainless Steels
A 943/A 943M-01	Standard Specification for Spray-Formed Seamless Austenitic Stainless Steel Pipes
A 946-95 (2000)	Standard Specification for Chromium, Chromium-Nickel and Silicon Alloy Steel Plate, Sheet, and Strip for Corrosion and Heat Resisting Service
A 947M-95 (2000)	Standard Specification for Textured Stainless Steel Sheet [Metric]
A 949/A 949M-01	Standard Specification for Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe
A 953-02	Standard Specification for Austenitic Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Tubing
A 954-02	Standard Specification for Austenitic Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Pipe
A 955/A 955M-03a	Standard Specification for Deformed and Plain Stainless Steel Bars for Concrete Reinforcement
A 957-03	Standard Specification for Investment Castings, Steel and Alloy, Common Requirements, for General Industrial Use
A 959-03	Standard Guide for Specifying Harmonized Standard Grade Compositions for Wrought Stainless Steels
A 960-03	Standard Specification for Common Requirements for Wrought Steel Piping Fittings
A 965/A 965M-02	Standard Specification for Steel Forgings, Austenitic, for Pressure and High Temperature Parts
A 967-01 _1	Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts

A 982-02	Standard Specification for Steel Forgings, Stainless, for Compressor and Turbine Airfoils
A 988-98 (2002)	Standard Specification for Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High Temperature Service
A 995/A 995M-98 (2003)	Standard Specification for Castings, Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts
A 999/A 999M-01	Standard Specification for General Requirements for Alloy and Stainless Steel Pipe
A 1010-01 _1	Standard Specification for Higher-Strength Martensitic Stainless Steel Plate, Sheet, and Strip
A1012-02	Standard Specification for Seamless and Welded Ferritic, Austenitic and Duplex Alloy Steel Condenser and Heat Exchanger Tubes With Integral Fins
A 1016/A 1016M-02a	Standard Specification for General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel, and Stainless Steel Tubes
A 1021-02	Standard Specification for Martensitic Stainless Steel Forgings and Forging Stock for High-Temperature Service
A 1022-01	Standard Specification for Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement
A 1028-03	Standard Specification for Stainless Steel Bars for Compressor and Turbine Airfoils
B 254-92 (1998)	Standard Practice for Preparation of and Electroplating on Stainless Steel
B 463-99	Standard Specification for UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip
B 464-99	Standard Specification for Welded UNS N08020, N08024, and N08026 Alloy Pipe
B 468-99	Standard Specification for Welded UNS N08020, N08024, and N08026 Alloy Tubes
B 472-03	Standard Specification for UNS N06022, UNS N08020, UNS N08026, UNS N08024, UNS N08926, UNS N08367, UNS N10276, UNS N10665, UNS N10675 and UNS R20033 Nickel Alloy Billets and Bars for Reforging
B 473-96 (2002) _1	Standard Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire
B 474-03	Standard Specification for Electric Fusion Welded Nickel and Nickel Alloy Pipe
B 475-96 (2002) _1	Standard Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire
B 515-95 (2002)	Standard Specification for Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes
B 625-99	Standard Specification for UNS N08904, UNS N08925, UNS N08031, UNS N08932, UNS N08926, and UNS R20033 Plate, Sheet, and Strip
B 649-02	Standard Specification for Ni-Fe-Cr-Mo-Cu Low-Carbon Alloy (UNS N08904), Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire
B 673-96 (2002) _1	Standard Specification for UNS N08904, UNS N08925, and UNS N08926 Welded Pipe
B 674-96 (2002) _1	Standard Specification for UNS N08904, UNS N08925, and UNS N08926 Welded Tube
B 675-02	Standard Specification for UNS N08367 Welded Pipe
B 676-02	Standard Specification for UNS N08367 Welded Tube
B 677-99	Standard Specification for UNS N08904, UNS N08925, and UNS N08926 Seamless Pipe and Tube
B 688-96	Standard Specification for Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip
B 690-02	Standard Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube
B 691-02	Standard Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire
B 694-02	Standard Specification for Copper, Copper-Alloy, and Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding
B 729-00	Standard Specification for Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube
B 804-02	Standard Specification for UNS N08367 and UNS N08926 Welded Pipe

B 834-95	Standard Specification for Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts
B 853-02	Standard Specification for Powder Metallurgy (P/M) Boron Stainless Steel Structural Components
B 895-99	Standard Test Methods for Evaluating the Corrosion Resistance of Powder Metallurgy (P/M) Stainless Steel Parts/Specimens by Immersion in a Sodium Chloride Solution
B 912-02	Standard Specification for Passivation of Stainless Steels Using Electropolishing
C 692-00	Standard Test Method for Evaluating the Influence of Thermal Insulations on External Stress Corrosion Cracking Tendency of Austenitic Stainless Steel
C 929-94 (2000)	Standard Practice for Handling, Transporting, Shipping, Storage, Receiving, and Application of Thermal Insulation Materials For Use in Contact with Austenitic Stainless Steel
D 2651-01	Standard Guide for Preparation of Metal Surfaces for Adhesive Bonding
E 112-96 _2	Standard Test Methods for Determining Average Grain Size
E 140-02	Standard Hardness Conversion Tables for Metals Relationship Among Brinell Hardness, Vickers Hardness, Rockwell Hardness, Superficial Hardness, Knoop Hardness, and Scleroscope Hardness
E 572-02	Standard Test Method for X-Ray Emission Spectrometric Analysis of Stainless Steel
E 1086-94 (2000)	Standard Test Method for Optical Emission Vacuum Spectrometric Analysis of Stainless Steel by the Point-to-Plane Excitation Technique
F 594-02	Standard Specification for Stainless Steel Nuts
F 621-02	Standard Specification for Stainless Steel Forgings for Surgical Implants
F 738M-02	Standard Specification for Stainless Steel Metric Bolts, Screws, and Studs
F 745-00	Standard Specification for 18 Chromium-12.5 Nickel-2.5 Molybdenum Stainless Steel for Cast and Solution-Annealed Surgical Implant Applications
F 836M-02	Standard Specification for Style 1 Stainless Steel Metric Nuts
F 837-02a	Standard Specification for Stainless Steel Socket Head Cap Screws
F 879M-02a	Standard Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws [Metric]
F 880-02	Standard Specification for Stainless Steel Socket-Set Screws
F 899-02	Standard Specification for Stainless Steel for Surgical Instruments
F 1079-87 (2002)	Standard Specification for Inserted and Noninserted Surgical Scissors
F 1089-02	Standard Test Method for Corrosion of Surgical Instruments
F 1350-02	Standard Specification for Wrought 18 Chromium-14 Nickel-2.5 Molybdenum Stainless Steel Surgical Fixation Wire (UNS S31673)
F 1586-02	Standard Specification for Wrought Nitrogen Strengthened 21 Chromium-10 Nickel-3 Manganese-2.5 Molybdenum Stainless Steel Bar for Surgical Implants (UNS S31675)
F 1744-96 (2002) _1	Standard Guide for Care and Handling of Stainless Steel Surgical Instruments
F 2215-03	Standard Specification for Balls, Bearings, Ferrous and Non-Ferrous for Use in Bearings, Valves, and Bearing Applications
F 2229-02	Standard Specification for Wrought, Nitrogen Strengthened 23Manganese-21Chromium-1Molybdenum Low-Nickel Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S29108)
F 2257-03	Standard Specification for Wrought Seamless or Welded and Drawn 18 Chromium-14Nickel-2.5Molybdenum Stainless Steel Small Diameter Tubing for Surgical Implants (UNS S31673)
G 35-98	Standard Practice for Determining the Susceptibility of Stainless Steels and Related Nickel-Chromium-Iron Alloys to Stress-Corrosion Cracking in Polythionic Acids
G 36-94 (2000)	Standard Practice for Evaluating Stress-Corrosion-Cracking Resistance of Metals and Alloys in a Boiling Magnesium Chloride Solution
G 48-03	Standard Test Methods for Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution
G 78-01	Standard Guide for Crevice Corrosion Testing of Iron-Base and Nickel-Base Stainless Alloys in Seawater and Other Chloride-Containing Aqueous Environments

G 146-01	Standard Practice for Evaluation of Disbonding of Bimetallic Stainless Alloy/Steel Plate for Use in High-Pressure, High-Temperature Refinery Hydrogen Service
G 108-94 (1999)	Standard Test Method for Electrochemical Reactivation (EPR) for Detecting Sensitization of AISI Type 304 and 304L Stainless Steels
G 123-00	Standard Test Method for Evaluating Stress-Corrosion Cracking of Stainless Alloys with Different Nickel Content in Boiling Acidified Sodium Chloride Solution
G 150-99	Standard Test Method for Electrochemical Critical Pitting Temperature Testing of Stainless Steels

SAE (Society of Automotive Engineers) and AMS (Aerospace Material Specifications)

5340D	Steel, Corrosion Resistant, Investment Castings 14Cr - 4.25Ni - 2.25Mo - 0.25Cb - 3.25Cu Homogenization and Solution Heat Treated
5342D	Steel, Corrosion Resistant, Investment Castings 16Cr - 4.1Ni - 0.28Cb - 3.2Cu Homogenization, Solution, and Precipitation Heat Treated (H1100) 130 ksi (896 MPa) Tensile Strength
5343D	Steel, Corrosion Resistant, Investment Castings 16Cr - 4.0Ni - 2.8Cb - 3.2Cu Homogenization, Solution, and Precipitation Heat Treated (H1000) 150 ksi (1034 MPa) Tensile Strength
5344D	Steel, Corrosion Resistant, Investment Castings 16Cr - 4.1Ni - 0.28Cb - 3.2Cu Homogenization, Solution and Precipitation Heat Treated (H900) 180 ksi (1241 MPa) Tensile Strength
5346B	Steel, Corrosion Resistant, Investment Castings, 15Cr - 4.6Ni - 0.22Cb - 2.8Cu, olution and Precipitation Heat Treated (H925) 180 Ksi (1241 MPa) Tensile Strength
5347A	Steel, Corrosion Resistant, Investment Castings, 15Cr - 4.6Ni - 0.22Cb - 2.8Cu Solution and Precipitation Heat Treated (H1000) 150 Ksi (1034 MPa) Tensile Strength
5349C	Steel, Corrosion Resistant, Investment Castings 13Cr, Free Machining, Hardened and Tempered
5350H	Steel, Corrosion and Moderate Heat Resistant, Investment Castings 12.5Cr (SAE 51410) Hardened and Tempered
5352D	Steel, Corrosion Resistant, Investment Castings 17Cr - 0.55Mo (0.95-1.20C) Annealed
5353C	Steel, Corrosion Resistant, Investment Castings 16Cr - 1.8Ni - 0.08N As Cast
5354E	Steel, Corrosion Resistant, Investment Castings 13Cr - 2.0Ni - 3.0W Hardened and Tempered
5355H	Steel, Corrosion Resistant, Investment Castings 16Cr - 4.1Ni - 0.28Cb - 3.2Cu Homogenization and Solution Heat Treated or Homogenization, Solution, and Precipitation Heat Treated
5356B	Steel, Corrosion Resistant, Investment Castings 15Cr - 4.6Ni - 0.22Cb - 2.8Cu Solution and Precipitation Heat Treated (H1100) 130 Ksi (896 MPa) Tensile Strength
5357B	Steel, Corrosion Resistant, Investment Castings 15Cr - 4.6Ni - 0.22Cb - 2.8Cu Solution Heat Treated, Precipitation Hardenable
5360E	Steel, Corrosion and Heat Resistant, Investment Castings 17Cr - 13Ni - 1.9Mo Solution Heat Treated
5362K	Steel, Corrosion and Heat Resistant, investment Castings, 19Cr - 12 Ni - 1.0(Cb + Ta) Solution Heat Treated
5364B	Steel, Corrosion and Heat Resistant, Investment Castings 19.5Cr - 10.5Ni - 0.65Cb Solution Heat Treated
5366D	Steel, Corrosion and Heat Resistant, Investment Casting 25Cr - 20Ni (CK-20) As Cast
5368C	Steel, Corrosion Resistant, Investment Castings 15Cr - 4.0Ni - 2.3 Mo - 0.09N Solution Heat Treated
5370C	Steel, Corrosion and Heat Resistant, Investment Casting 19Cr - 9.5Ni Solution Heat Treated
5398E	Steel, Corrosion Resistant, Sand and Centrifugal Castings 16Cr - 4.1Ni - 0.22(Cb + Ta) - 2.8Cu Solution Heat Treated
5400A	Steel, Corrosion Resistant, Investment Castings, 15Cr - 4.6Ni - 0.22Cb - 2.8Cu, Solution and Precipitation Heat Treated (H935) 170 ksi (1172 MPa) Tensile Strength
5412	Steel Castings, Vacuum Melted, Vacuum Cast, Investment, Corrosion Resistant 13Cr - 8.0Ni - 2.2Mo - 1.1Al (195,000 psi) (1344 MPa) Tensile Strength (Condition H1000) Homogenized, Solution, Precipitation Heat Treated
5500E	Steel, Corrosion Resistant, Laminated, Sheet Surface Bonded

5501E	Steel, Corrosion Resistant, Sheet, Strip, and Foil 19Cr - 9.5Ni (304) Cold Rolled, 125 ksi (862 MPa) Tensile Strength
5503D	Steel, Corrosion Resistant, Sheet, Strip, and Plate, 17Cr (SAE 51430) Annealed
5504M	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 12.5Cr (SAE 51410) Annealed
5505E	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 12Cr (SAE 51410) Ferrite Controlled, Annealed
5506F	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate, 13Cr (0.30-0.40C) (SAE 51420) Annealed
5507F	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate, 17Cr - 13Ni - 2.5Mo(SAE 30316L) Solution Heat Treated
5508F	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 13Cr - 2.0Ni - 3.0W Annealed
5510P	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 18Cr 10.5Ni 0.40Ti (SAE 30321) Solution Heat Treated
5511H	Steel, Corrosion-Resistant, Sheet, Strip, and Plate 19Cr - 9.5Ni (304L) Solution heat Treated
5512K	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 18Cr - 10.5Ni - 0.80Cb (SAE 30347) Solution Heat Treated
5513G	Steel, Corrosion Resistant, Sheet, Strip, and Plate 19Cr 9.2Ni (SAE 30304) Solution Heat Treated
5514G	Steel, Corrosion Resistant, Sheet, Strip, and Plate 18Cr - 11.5Ni (SAE 30305) Solution Heat Treated
5515L	Steel, Corrosion Resistant, Sheet, Strip, and Plate 18Cr - 8.5Ni (302) Solution Heat Treated, High Ductility
5516M	Steel, Corrosion Resistant, Sheet, Strip, and Plate 18Cr - 9.0Ni (SAE 30302) Solution Heat Treated
5517L	Steel, Corrosion Resistant, Sheet and Strip 18Cr - 8Ni (SAE 30301) Cold Rolled, 125 ksi (862 MPa) Tensile Strength
5518K	Steel, Corrosion Resistant, Sheet and Strip 18Cr - 8Ni (SAE 30301) Cold Rolled, 150 ksi (1034 MPa) Tensile Strength
5519M	Steel, Corrosion Resistant, Sheet and Strip 18Cr - 8Ni (SAE 30301) Cold Rolled, 185 ksi (1276 MPa) Tensile Strength
5520E	Steel, Corrosion and Heat Resistant, Sheet, Strip, Foil and Plate 15Cr - 7.1Ni - 2.5Mo - 1.1Al Solution Heat Treated, Precipitation Hardenable
5521G	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 25Cr - 20Ni (SAE 30310S) Solution Heat Treated
5523E	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate, 23Cr - 13.5Ni (SAE 30309S) Solution Heat Treated
5524K	Steel, Corrosion and Heat-Resistant, Sheet, Strip and Plate 18Cr - 13Ni - 2.5Mo (SAE 30316) Solution Heat Treated
5525H	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V 1800 °F (982 °C) Solution Heat Treated
5528F	Steel, Corrosion Resistant, Sheet, Strip, and Plate 17Cr - 7.1Ni - 1.1Al, Solution Heat Treated, Precipitation Hardenable
5529G	Steel, Corrosion Resistant, Sheet and Strip 17Cr - 7.1Ni - 1.1Al Solution Heat Treated and Cold Rolled Precipitation Hardenable 0.0015 to 0.050 Inch (0.038 to 1.27 mm) Nominal Thickness
5547G	Steel, Corrosion and Heat Resistant, Sheet and Strip 15.5Cr - 4.5Ni - 2.9Mo - 0.10N Solution Heat Treated
5548M	Steel, Corrosion and Heat Resistant, Sheet and Strip 16.5Cr - 4.5Ni - 2.9Mo - 0.10N 1850 to 1975 °F (1010 to 1079 °C) Annealed
5554D	Steel, Corrosion and Heat Resistant, Seamless Tubing 16.5Cr - 4.5Ni - 2.9Mo - 0.10N Annealed
5556H	Steel, Corrosion and Heat-Resistant, Seamless or Welded Tubing 18Cr - 11Ni - 0.70Cb (SAE 30347) Solution Heat Treated
5557J	Steel, Corrosion and Heat Resistant, Seamless or Welded Hydraulic Tubing 18.5Cr - 10.5Ni - 0.40Ti (SAE 30321) Solution Heat Treated
5558G	Steel, Corrosion and Heat-Resistant, Welded Tubing 18Cr - 10.5Ni - 0.70Cb (SAE 30347) Thin Wall Solution Heat Treated
5559J	Steel, Corrosion and Heat Resistant, Welded Tubing 18Cr - 10.5Ni - 0.40Ti (SAE 30321) Thin Wall Solution Heat Treated

5560L	Steel, Corrosion Resistant, Seamless Tubing 19Cr - 10Ni (SAE 30304) Solution Heat Treated
5561F	Steel, Corrosion and Heat Resistant, Welded and Drawn or Seamless and Drawn Tubing 9.0Mn - 20Cr - 6.5Ni - 0.28N High-Pressure Hydraulic
5562D	Steel, Corrosion and Heat Resistant, Seamless Tubing 9.0Mn - 20Cr - 6.5Ni - 0.28N Solution Heat Treated
5563C	Steel, Corrosion Resistant, Seamless or Welded Tubing, 19Cr- 9.5Ni (SAE 30304) Cold Drawn, _ Hard Temper
5564C	Steel, Corrosion Resistant, Tubing 19Cr - 10Ni (SAE 30304) High-Pressure Hydraulic, Welded Plus Ultrasonically Tested or Seamless Cold Drawn, One Eighth - Hard Temper
5565K	Steel, Corrosion Resistant, Welded Tubing 19Cr - 9.5Ni (SAE 30304) Solution Heat Treated
5566L	Steel, Corrosion Resistant, Seamless or Welded Hydraulic Tubing 19Cr - 10Ni (SAE 30304) High Pressure, Cold Drawn
5567E	Steel, Corrosion Resistant, Seamless or Welded Tubing 19Cr - 10Ni (SAE 30304) Solution Heat Treated
5568F	Steel, Corrosion and Heat Resistant, Welded Tubing 17Cr - 7.1Ni - 1.1Al Solution Heat Treated, Precipitation-Hardenable
5569A	Steel, Corrosion and Heat Resistant, Seamless and Welded Hydraulic Tubing 19Cr - 9.5Ni - 0.03C max, Cold Drawn, 1/8 Hard Temper
5570N	Steel, Corrosion and Heat Resistant, Seamless Tubing 18Cr - 11Ni - 0.40Ti (SAE 30321) Solution Heat Treated
5571G	Steel, Corrosion and Heat Resistant, Seamless Tubing 18Cr - 10.5Ni - 0.70Cb (SAE 30347) Solution Heat Treated
5572H	Steel, Corrosion and Heat Resistant, Seamless Tubing 25Cr - 20Ni (SAE 30310S) Solution Heat Treated
5573L	Steel, Corrosion and Heat Resistant, Seamless Tubing 17Cr - 12.5Ni - 2.5Mo (SAE 30316) Solution Heat Treated
5574E	Steel, Corrosion and Heat Resistant, Seamless Tubing 23Cr - 13.5 Ni (SAE 30309S) Solution Heat Treated
5575M	Steel, Corrosion and Heat Resistant, Welded Tubing, 18Cr - 10.5Ni - 0.70Cb (SAE 30347) Solution Heat Treated
5576J	Steel, Corrosion and Heat Resistant, Welded Tubing 18Cr - 10.5Ni - 0.40Ti (SAE 30321) Solution Heat Treated
5577H	Steel, Corrosion and Heat Resistant, Welded Tubing 25Cr - 20Ni (SAE 30310) Solution Heat Treated
5578G	Steel, Corrosion and Heat-Resistant, Welded Tubing 12Cr - 8.5Ni - 0.03Cb - 1.1Ti - 2.0Cu Vacuum Induction Plus Vacuum Consumable Electrode Vacuum Melted Solution Heat Treated, Precipitation Hardenable
5584A	Steel, Corrosion and Heat Resistant, Seamless and Welded Hydraulic Tubing 17Cr - 12Ni - 2.5Mo - 0.003C max Cold Drawn, 1/8 Hard Temper
5591J	Steel, Corrosion and Heat Resistant, Tubing, Seamless 12.5Cr (SAE 51410) Annealed
5595F	Steel, Corrosion Resistant, Sheet, Strip, and Plate 0.9Mn - 20Cr - 6.5Ni - 2.8N Solution Heat Treated
5600D	Steel, Corrosion Resistant, Sheet Laminated, Edge Bonded
5604E	Steel, Corrosion Resistant, Sheet, Strip, and Plate 16.5Cr - 4.0Ni - 4.0Cu - 0.30Cb Solution Heat Treated, Precipitation Hardenable
5609D	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 12Cr - 0.12Cb (SAE 51410 Modified) Ferrite Controlled, Annealed
5610M	Steel, Corrosion and Heat Resistant, Bars, Wire, and Forgings 12.5Cr - Low Carbon (SAE 51416, 51416Se) Free-Machining
5611E	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings, 12Cr Ferrite Controlled, Consumable Electrode Melted
5612G	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 12Cr Ferrite Controlled, Annealed
5613R	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 12.5Cr (SAE 51410) Annealed
5614E	Steel, Corrosion and Heat Resistant, Bars, Wire, and Forgings 12Cr - 0.5Mo Annealed

5616L	Steel, Corrosion and Heat-Resistant, Bars, Wire, Forgings, Tubing, and Rings 13Cr - 2.0Ni - 3.0W Annealed
5617H	Steel Bars, Corrosion Resistant, Bars, Wire, and Forgings 12Cr - 8.5Ni - 1.2Ti - 2.0Cu Vacuum Induction Plus Vacuum Consumable Electrode Melted, Solution Heat Treated, Precipitation Hardenable
5618F	Steel, Corrosion Resistant, Bars, Wire, and Forgings 17Cr - 0.52Mo (0.95-1.20C) (SAE 51440C) Consumable Electrode Vacuum Melted
5620F	Steel, Corrosion and Heat Resistant, Bars, Wire, and Forgings 13Cr (0.30 - 0.40C) (SAE 51420F, 51420FSe) Free-Machining Grade
5621E	Steel, Corrosion Resistant, Bars, Wire, and Forgings 13Cr (0.30-0.40C) (SAE 51420) Annealed
5622D	Steel, Corrosion Resistant, Bars, Wire, Forgings, Tubing, and Rings 16Cr - 4.0Ni - 0.30Cb - 4.0Cu Solution Heat Treated, Precipitation Hardenable
5627G	Steel, Corrosion and Heat-Resistant, Bars, Wire, Forgings, Tubing, and Rings 17Cr (SAE 51430) Annealed
5628F	Steel, Corrosion Resistant, Bars, Wire, Forgings, and Tubing, 16.2Cr - 2.5Ni (SAE 51431)
5629E	Steel, Corrosion Resistant, Bars, Wire, Forgings, Rings, and Extrusions 13Cr - 8.0Ni - 2.2Mo - 1.1Al Vacuum Induction Plus Consumable Electrode Melted Solution Heat Treated, Precipitation Hardenable
5630G	Steel, Corrosion Resistant, Bars, Wire, and Forgings, 17Cr - 0.52Mo (0.95-1.20C) (SAE 51440C)
5631D	Steel, Corrosion Resistant, Bars and Forgings 17Cr (0.60-0.75C) (SAE 51440A)
5632G	Steel, Corrosion Resistant, Bars, Wire, and Forgings 17Cr - 0.5Mo (0.95-1.20C) (SAE 51440F) Free- Machining
5635E	Steel, Corrosion Resistant, Bars, Wire, and Forgings 18Cr - 9Ni - 0.21Pb (303Pb) Free-Machining, Solution Heat Treated
5636E	Steel Corrosion Resistant, Bars and Wire 18Cr - 9.0Ni (SAE 30302) Solution Heat Treated and Cold Drawn. 100 ksi (689 MPa) Tensile Strength
5637G	Steel, Corrosion Resistant, Bars and Wire 18Cr - 9.0Ni (SAE 30302) Solution Heat Treated and Cold Drawn 125 ksi (862 MPa) Tensile Strength
5638E	Steel, Corrosion Resistant, Bars, and Forgings 0.14S - 18Cr - 9.5Ni - 0.50Mo - 0.80Al, Free-Machining; Swaging or Upsetting Solution Heat Treated
5639H	Steel, Corrosion Resistant, Bars, Wire, Forgings, Tubing, and Rings 19Cr - 10Ni Solution Heat Treated
5640T	Steel, Corrosion-Resistant, Bars, Wire, and Forgings 18.5Cr - 9Ni Free Machining
5641F	Steel, Corrosion Resistant, Bars, Wire, and Forgings 18.5Cr - 10Ni - 0.22Se (SAE 30303Se) Free- Machining; Swaging or Upsetting Solution Heat Treated
5642K	Steel, Corrosion and Heat Resistant, Bars, Wire, and Forgings 18Cr - 10.5Ni - 0.60Cb Free-Machining, Solution Heat Treated
5643Q	Steel, Corrosion-Resistant, Bars, Wire, Forgings, Tubing, and Rings 16Cr - 4.0Ni - 0.30Cb - 4.0Cu Solution Heat Treated, Precipitation Hardenable
5645P	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 18Cr - 10Ni - 0.40Ti (SAE 30321) Solution Heat Treated
5646M	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 18Cr - 11Ni - 0.60Cb (SAE 30347) Solution Heat Treated
5647H	Steel, Corrosion Resistant, Bars, Wire, Forgings, Tubing and Rings 19Cr - 9.5Ni Solution Heat Treated
5648K	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 17Cr - 12Ni - 2.5Mo Solution Heat Treated
5649G	Steel, Corrosion and Heat Resistant, Bars, Wire, and Forgings 18Cr - 13Ni - 2.1Mo Free Machining Solution Heat Treated
5650E	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 23Cr - 13.5Ni (SAE 30309S) Solution Heat Treated
5651J	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 25Cr - 20Ni (SAE 30310) Solution Heat Treated
5652G	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 25Cr - 20Ni - 2.0Si (SAE 30314) Solution Heat Treated

5653F	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing and Rings 17Cr - 12Ni - 2.5Mo (0.030 Max C) Solution Heat Treated
5654E	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing and Rings 18Cr - 11Ni - 0.60(Cb+Ta) (SAE 30347) Premium Aircraft Quality, Consumable Electrode Melted, Solution Heat Treated
5655E	Steel, Corrosion and Heat Resistant, Bars, Wire, and Forgings 12.5Cr - 0.75Ni - 1.0Mo - 1.0W - 0.24V (0.20-0.25C) Hardened and Tempered
5656D	Steel, Corrosion Resistant, Bars, Wire, Forgings, Extrusions, and Rings 9.0Mn - 20Cr - 6.5Ni - 0.27N Solution Heat Treated
5659K	Steel, Corrosion Resistant, Bars, Wire, Forgings, Rings, and Extrusion 15Cr - 4.5Ni - 0.30Cb - 3.5Cu, Consumable Electrode Melted, Solution Heat Treated, Precipitation Hardenable
5672C	Steel Wire, Corrosion Resistant 11.8Cr - 8.5Ni - 0.30(Cb+Ta) - 1.1Ti - 2.0Cu Precipitation Hardenable, Spring Temper
5674E	Steel, Corrosion and Heat Resistant, Wire 18Cr - 11.5Ni - 0.70Cb (SAE 30347) Solution Heat Treated
5678F	Steel, Corrosion Resistant, Wire 17Cr - 7.1Ni - 1.1Al Cold Drawn, Precipitation Hardenable
5685K	Steel, Corrosion Resistant, Safety Wire 18Cr - 11.5Ni (SAE 30305) Solution Heat Treated, Cold Finished
5686G	Steel, Corrosion Resistant, Rivet Wire 18Cr - 11.5Ni (SAE 30305) Solution Heat Treated
5688K	Steel, Corrosion Resistant, Wire 18Cr - 9.0Ni (SAE 30302) Spring Temper
5689F	Steel, Corrosion and Heat Resistant, Wire 18Cr - 10.5Ni - 0.40Ti (SAE 30321) Solution Heat Treated
5690L	Steel, Corrosion and Heat Resistant, Wire 17Cr - 12Ni - 2.5Mo (SAE 30316) Solution Heat Treated
5697F	Steel, Corrosion Resistant, Wire 19Cr - 9.5Ni (SAE 30304) Solution Heat Treated
5700E	Steel, Corrosion and Heat Resistant, Bars, Forgings, and Rings 13.5Cr - 13.5Ni - 0.35Mo - 2.2W Annealed
5719C	Steel Bars, Wire, Forgings, Tubing, Rings, and Extrusions, Corrosion Resistant 1.8Cr - 2.5Ni - 1.8Mo - 0.33V (0.08-0.15C) Annealed, Vacuum Arc or Electroslag Remelted
5726C	Steel, Corrosion and Heat Resistant, Bars and Wire 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V 1800 °F (982 °C) Solution Heat Treated and Work-Strengthened, Consumable Electrode Melted 200 ksi (1379 MPa) Tensile Strength
5731K	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V Consumable Electrode Melted, 1800 °F (980 °C) Solution Heat Treated
5732H	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V Consumable Electrode Melted, 1800 °F (980 °C) Solution and Precipitation Heat Treated
5734J	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, and Tubing 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V Consumable Electrode Melted, 1650 °F (899 °C) Solution Heat Treated
5737N	Steel, Corrosion and Heat-Resistant, Bars, Wire, Forgings and Tubing 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V Consumable Electrode Melted 1650 °F (899 °C), Solution and Precipitation Heat Treated
5738D	Steel, Corrosion Resistant, Bars and Wire 18Cr - 9Ni (SAE 30303F) Free Machining, High Yield Strength, Solution Heat Treated and Cold Worked
5743J	Steel, Corrosion and Heat-Resistant, Bars and Forgings 15.5Cr - 4.5Ni - 2.9Mo - 0.10N Solution Heat Treated, Sub-Zero Cooled, Equalized, and Over-Tempered
5744E	Steel, Corrosion and Heat Resistant, Bars and Forgings, 15.5Cr - 4.5Ni - 2.9Mo - 0.10N Heat Treated, 170 ksi (1172 MPa) Tensile Strength
5745F	Steel, Corrosion and Heat-Resistant, Bars and Forgings 16.5Cr - 4.5Ni - 2.9Mo - 0.10N Equalized and Over-Tempered
5749D	Steel, Corrosion Resistant, Bars, Wire, Forgings, and Tubing 14.5Cr - 4.0Mo - 1.2V (1.10-1.20C) Premium Quality For Bearing Applications, Double Vacuum Melted
5762E	Steel, Corrosion Resistant, Bars, Wire, and Forgings 5.8Mn - 17Cr - 5.8Ni - 2.0Cu - 0.26S Free-Machining, Solution Heat Treated
5763C	Steel, Corrosion Resistant Bars, Forgings, Tubing, and Rings 15Cr - 6.5Ni - 0.75Mo - 0.50 (Cb + Ta) - 1.5Cu Solution Heat Treated
5764E	Steel, Corrosion-Resistant, Bars, Wire, Forgings, Extrusions, and Rings 5.0Mn - 22Cr - 12.5Ni - 2.2Mo - 0.20Cb - 0.30N - 0.20V Solution Heat Treated

5773D	Steel, Corrosion Resistant, Bars, Wire, Forgings, Tubing, and Rings 15Cr - 6.5Ni - 0.75Mo - 0.30 (Cb+Ta) - 1.5Cu Consumable Electrode Melted, Solution Heat Treated Precipitation Hardenable
5810A	Steel, Corrosion and Heat Resistant, Flat Wire 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V 1800 °F (982 °C) Solution Treated, Cold Drawn or Cold Rolled and Aged, Consumable Electrode Melted
5848B	Steel, Corrosion Resistant, Bars, Wire, Forgings, Extrusions, Tubing, and Rings Wear and Galling Resistant 8.0Mn - 4.0Si - 17Cr - 8.5Ni - 0.13N Solution Heat Treated
5853B	Steel, Corrosion and Heat Resistant, Bars and Wire 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V Consumable Electrode Melted 1800 °F (982 °C) Solution Treated and Work-Strengthened 160 ksi (1103 MPa) Tensile Strength
5857A	Steel, Corrosion Resistant, Bars and Wire 19Cr - 10Ni (SAE 30304) High Yield Strength Solution Heat Treated and Cold Worked
5858C	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V Multiple Melted, 1800 °F (980 °C) Solution Heat Treated, Welding Grade Precipitation Hardenable
5859D	Steel, Corrosion Resistant, Sheet, Strip, and Plate 15Cr - 6.5Ni - 0.75Mo - 0.30Cb - 1.5Cu Consumable Electrode Melted, Solution Heat Treated Precipitation Hardenable
5860E	Steel, Corrosion Resistant, Sheet, Strip, and Plate, 12Cr - 8.5Ni - 0.30Cb - 1.1Ti - 2.0Cu Multiple Melted, Solution Heat Treated Precipitation Hardenable
5862E	Steel, Corrosion Resistant, Sheet, Strip, and Plate 15Cr - 4.5Ni - 0.30Cb - 3.5Cu Consumable Electrode Remelted, Solution Heat Treated, Precipitation Hardenable
5863D	Steel, Corrosion Resistant, Sheet, Strip, and Plate 15Cr - 6.5Ni - 0.75Mo - 0.60Cb - 1.5Cu Solution Heat Treated, Precipitation Hardenable
5864B	Steel, Corrosion Resistant, Plate 13Cr - 8.0Ni - 2.2Mo - 1.1Al Vacuum Induction Plus Consumable Electrode Melted Solution Heat Treated, Precipitation Hardenable
5866C	Steel, Corrosion Resistant, Flat Wire 18Cr - 9.0Ni, (SAE 30302) Spring Temper
5867A	Steel, Corrosion and Heat Resistant, Forgings 12.5Cr (SAE 51410) Enhanced Fracture Toughness, Annealed
5868A	Steel, Corrosion Resistant, Seamless and Welded Aircraft Tubing 19Cr - 9.5Ni (SAE 30304) Cold Drawn, _ Hard Temper
5871D	Alloy, Corrosion and Heat Resistant, Sheet, Strip and Plate 21Cr - 32.5Ni - 0.38Ti - 0.38Al - 45Fe Solution Heat Treated
5880B	Steel, Corrosion and Resistant, Bars, Forgings, and Wire 17Cr - 0.52Mo (0.95-1.20C) (SAE 51440C) For Bearing Applications
5895C	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings 15Cr - 25.5Ni - 1.2Mo - 2.1Ti - 0.006B - 0.30V Consumable Electrode Melted, 1750 °F (954 °C) Solution Heat Treated, Welding Grade Precipitation Hardenable
5896A	Steel, Corrosion and Heat Resistant, Seamless or Welded Hydraulic Tubing 18.5Cr - 10.5Ni - 0.55Ti (SAE 30321) Solution Heat Treated and Cold Drawn, 1/8 Hard Temper
5897A	Steel, Corrosion and Heat Resistant, Seamless or Welded Hydraulic Tubing 18.5Cr - 11Ni - 0.80Cb (SAE 30347) Solution Heat Treated and Cold Drawn, 1/8 Hard Temper
5898A	Steel, Corrosion Resistant, Bars, Wire, and Forgings 15.2Cr - 1.0Mo - 0.40N - (0.28-0.34C) Consumable Electrode Melted Under Pressure
5899A	Steel, Corrosion Resistant, Bars, and Wire, and Forgings 17Cr - 0.52Mo (0.95-1.20C) Powder Metallurgy Product, Hot Isostatically Pressed
5900B	Steel Bars, Forgings, and Tubing, Corrosion Resistant 14Cr - 2.1Mo - 0.30Cb - 1.0V (1.05-1.15C) Premium Aircraft Quality For Bearing Applications, Double Vacuum Melted
5901B	Steel, Corrosion Resistant, Sheet, Strip, and Plate 18Cr - 8Ni (SAE 30301) Solution Heat Treated
5902B	Steel, Corrosion Resistant, Sheet and Strip, 18Cr - 8Ni (SAE 30301) Cold Rolled, _ Hard, 175 ksi (1207 MPa) Tensile Strength
5903A	Steel, Corrosion Resistant, Sheet, Strip, and Plate 18Cr - 9.0Ni (SAE 30302) Cold Rolled, _ Hard, 125 ksi (862 MPa) Tensile Strength
5904A	Steel, Corrosion Resistant, Sheet and Strip 18Cr - 9.0Ni (SAE 30302) Cold Rolled, _ Hard, 150 ksi (1034 MPa) Tensile Strength

5905A	Steel, Corrosion Resistant, Sheet and Strip 18Cr - 9.0Ni (SAE 30302) Cold Rolled, _ Hard, 175 ksi (1207 MPa) Tensile Strength
5906A	Steel, Corrosion Resistant, Sheet and Strip 18Cr - 9.0Ni Cold Rolled, Full Hard, 185 ksi (1276 MPa) Tensile
5907	Steel, Corrosion and Heat Resistant, Sheet, Strip, and Plate 17Cr - 12Ni - 2.5Mo (SAE 30316) Cold Rolled, _ Hard, 125 ksi (862 MPa) Tensile Strength
5910A	Steel, Corrosion Resistant, Sheet, Strip, and Plate 19Cr - 9.2 Ni (SAE 30304) Cold Rolled, 125 ksi (862 MPa) Tensile Strength
5911A	Steel, Corrosion Resistant, Sheet and Strip 19Cr - 9.2Ni (SAE 30304) Cold Rolled, _ Hard 150 ksi (1034 MPa) Tensile Strength
5912A	Steel, Corrosion Resistant, Sheet and Strip 19Cr - 9.2Ni (SAE 30304) Cold Rolled, _ Hard, 175 ksi (1207 MPa)
5913A	Steel, Corrosion Resistant, Sheet and Strip, 19Cr - 9.2Ni (SAE 30304) Cold Rolled, Full Hard, 185 ksi (1276 MPa) Tensile Strength
5925	Steel, Corrosion Resistant, Bars, Wire, and Forgings 15.5Cr - 1.8Mo - 0.20N (0.37 - 0.45 C) Electroslag Remelted
5930	Steel, Corrosion Resistant, Bars and Forgings 13.0Cr - 2.5Ni - 5.5Co - 2.0Mo - 0.60V (0.05-0.09C) Vacuum Induction Plus Vacuum Consumable Electrode Melted
5931	Steel, Bars, Wire, Forgings, Extrusions, Tubing, and Rings Wear, Galling, and Corrosion Resistant 5.0Mn - 3.5Si - 16.5Cr - 0.14Ni Solution Heat Treated
5932A	Steel, Corrosion and Heat Resistant, Bars, Forgings and Tubing 14.5Cr - 2.3Ni - 12.5Co - 4.0Mo - 0.60V - 0.03Cb Premium Aircraft-Quality, Carburizing Double Vacuum Melted
5933	Steel, Corrosion Resistant Bars and Forgings 12.5Cr - 1.0Ni - 15.5Co - 2.0Mo Vacuum Induction Plus Vacuum Consumable Electrode Remelted
7445D	Balls, Steel, Corrosion Resistant, 17Cr, Hardened
7490N	Rings, Flash Welded, Corrosion and Heat Resistant Austenitic Steels, Austenitic-Type Iron, Nickel, or Cobalt Alloys, or Precipitation-Hardenable Alloys
7493L	Rings, Flash Welded Ferritic and Martensitic Corrosion-Resistant Steels
AMS-QQ-S-763A	Steel, Corrosion Resistant, Bars, Wire, Shapes, and Forgings
AMS-S-7720	Steel, Corrosion-Resistant (18-8) Bars, Wire and Forging Stock (Aircraft Quality)
AMS-S-8840A	Steel Sheet and Strip, Corrosion Resistant, Precipitation Hardening (AM350 and AM355), Premium Quality Composition AM 350, Annealed Composition AM355, CRT 150/180/120
AMS-T-6845	Tubing, Steel, Corrosion-Resistant (S30400), Aerospace Vehicle Hydraulic System 1/8 Hard Condition
AMS-T-8506	Tubing, Steel, Corrosion-Resistant, (304), Annealed, Seamless and Welded
AMS-QQ-P-35	Passivation Treatments for Corrosion-Resistant Steel
AMS-STD-753	Corrosion-Resistant Steel Parts: Sampling, Inspection and Testing for Surface Passivation