

Appendix II

ASTM STAINLESS STEEL STANDARDS

Specifications

| | | | |
|------|---|------|---|
| A167 | Plate, sheet and strip, chromium-nickel | A453 | Bolting materials, high temperature, 50 to 120 ksi yield strength with expansion coefficients comparable to austenitic steels |
| A176 | Plate, sheet and strip, chromium | A473 | Forgings |
| A182 | Forged flanges, fittings and valves | A478 | Weaving wire, chromium-nickel |
| A193 | Bolts | A479 | Bars and shapes for use in boilers and other pressure vessels |
| A194 | Nuts | A480 | General requirements for plate, sheet and strip |
| A213 | Seamless ferritic and austenitic alloy boiler, superheater and heat exchanger tubes | A484 | General requirements for bars, billets and forgings |
| A217 | Castings, martensitic stainless and alloy | A487 | Castings suitable for pressure service, martensitic |
| A240 | Plate, sheet and strip for pressure vessels | A492 | Rope wire |
| A249 | Tubes, welded boiler, superheater, heat-exchanger and condenser, austenitic | A493 | Cold heading and cold forging bar and wire |
| A263 | Clad plate, sheet and strip, chromium | A498 | Seamless and welded carbon, ferritic and austenitic alloy heat exchanger tubes with integral fins |
| A264 | Clad plate, sheet and strip, chromium-nickel | A511 | Seamless mechanical tubing |
| A268 | Tubing, seamless and welded, ferritic | A530 | Specialized carbon and alloy steel pipe, general requirements |
| A269 | Tubing, seamless and welded, austenitic | A554 | Welded mechanical tubing |
| A270 | Sanitary tubing, austenitic | A555 | General requirements for wire and wire rods |
| A271 | Still tubes for refinery service, seamless, austenitic | A564 | Bars and shapes, hot-rolled and cold-finished, age hardening |
| A276 | Bars and shapes | A565 | Bars, forgings and forging stock for high temperature service, martensitic |
| A297 | Castings, iron-chromium, iron-chromium-nickel, heat resistant, for general application | A579 | Superstrength alloy forgings |
| A312 | Pipe, austenitic | A580 | Wire |
| A313 | Spring wire, chromium-nickel | A581 | Wire, free-machining |
| A314 | Bars and billets for forging | A582 | Bars, hot-rolled or cold-finished, free-machining |
| A320 | Bolting for low temperature service | A608 | Centrifugally cast iron-chromium nickel high alloy tubing for pressure application at high temperatures |
| A336 | Forgings for pressure and high temperature parts | A632 | Seamless and welded tubing, small diameter, for general service, austenitic |
| A351 | Castings for pressure-containing parts, austenitic, austenitic-ferritic (duplex) | A638 | Iron-base superalloy bars, forgings and forging stock for high temperature service, precipitation hardening |
| A352 | Castings for pressure-containing parts suitable for low temperature service, ferritic and martensitic | A666 | Sheet, strip, plate and flat bar, for structural and architectural applications, austenitic |
| A356 | Heavy-walled castings for steam turbines | A688 | Welded feedwater heater tubes, austenitic |
| A358 | Electric fusion welded pipe, austenitic | A693 | Plate, sheet and strip, precipitation hardening |
| A368 | Wire strand | A705 | Forgings, age hardening |
| A376 | Pipe for high-temperature central station service, austenitic | A733 | Welded and seamless carbon steel and austenitic stainless steel pipe nipples |
| A403 | Pipe fittings | A743 | Castings, iron-chromium, iron-chromium-nickel and nickel-base, corrosion resistant, for general service |
| A409 | Welded large diameter pipe, austenitic | A744 | Castings, iron-chromium-nickel, for severe service |
| A426 | Centrifugally-cast pipe, ferritic | A747 | Castings, precipitation hardening |
| A430 | Forged and bored pipe, austenitic | | |
| A437 | Alloy steel turbine-type bolting material specially heat treated for high temperature service | | |
| A447 | Castings for high temperature service, chromium-nickel-iron | | |
| A450 | General requirements for tubes, austenitic and ferritic | | |
| A451 | Centrifugally cast austenitic steel pipe for high temperature service | | |

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|-------|---|------|---|
| A756 | Anti-friction bearing steel | B407 | Nickel-iron-chromium seamless pipe and tube |
| A757 | Castings, ferritic and martensitic for pressure-containing and other applications for low temperature service | B409 | Nickel-iron-chromium plate, sheet and strip |
| A771 | Tubing for breeder reactor core components, austenitic | B462 | Forged or rolled UNS N08020, N08024, N08026 and N08367 alloy pipe flanges, forged fittings, and valves and parts for corrosive high-temperature service |
| A774 | As-welded fittings for general corrosive service at low and moderate temperatures, austenitic | B463 | UNS N08020, N08024 and N08026 alloy plate, sheet and strip |
| A778 | Welded tubular products, unannealed austenitic | B464 | Welded UNS N08020, N08024, and N08026 alloy pipe |
| A781 | Castings, common requirements for general industrial use | B468 | Welded UNS N08020, N08024 and N08026 alloy tubes |
| A789 | Seamless and welded tubing for general service, ferritic/austenitic | B471 | UNS N08020, N08024 and N08026 alloy spring wire |
| A790 | Seamless and welded pipe, ferritic/austenitic | B472 | UNS N08020, N08024, N08026, N08367, N08926 and R20033 nickel alloy billets and bars for reforging |
| A791 | Welded tubing, unannealed ferritic | B473 | UNS N08020, N08024 and N08026 nickel alloy bar and wire |
| A793 | Rolled floor plate, austenitic | B474 | Electric fusion welded UNS N08020, N08024 and N08026 nickel alloy pipe |
| A803 | Welded feedwater heater tubes, ferritic | B475 | UNS N08020, N08024 and N08026 nickel alloy round weaving wire |
| A813 | Single-or double-welded pipe, austenitic | B511 | Nickel-iron-chromium-silicon alloy bars and shapes |
| A814 | Cold-worked welded pipe, austenitic | B512 | Nickel-chromium-silicon alloy (N08330) billets and bars |
| A815 | Pipe fittings, ferritic, ferritic/austenitic and martensitic | B514 | Welded nickel-iron-chromium alloy pipe |
| A826 | Duct tubes for breeder reactor core components, austenitic and ferritic | B515 | Welded UNS N08800, N08810 and N08811 alloy tubes |
| A831 | Bars, billets and forgings for use in core components | B535 | Nickel-iron-chromium-silicon alloys (N08330 and N08332) seamless pipe and tube |
| A851 | High-frequency, induction-welded condenser tubes, austenitic | B546 | Electric fusion welded Ni-Cr-Co-Mo alloy (N06617), Ni-Fe-Cr-Si alloys (N08330 and N08332), Ni-Cr-Fe alloy (N06025), and Ni-Cr-Fe-Si alloy (N06045) pipe |
| A872 | Centrifugally cast pipe for corrosive environments, ferritic/austenitic | B564 | Nickel alloy forgings |
| A887 | Borated stainless steel plate, sheet and strip for nuclear applications | B599 | Nickel-iron-chromium-molybdenum-columbium stabilized alloy (N08700) plate, sheet and strip |
| A890 | Castings, iron-chromium-nickel-molybdenum, for general application, duplex (austenitic/ferritic) | B625 | UNS N08904, N08925, N08031, N08932, N09926 and R20033 plate, sheet and strip |
| A891 | Iron-base superalloy forgings for turbine rotor disks and wheels, precipitation hardening | B649 | Ni-Fe-Cr-Mo-Cu low carbon alloy (N08904), Ni-Fe-Cr-Mo-Cu-N low carbon alloys (N08925, N08031 and N089260) and Cr-Ni-Fe-N low carbon alloy (R20033) bar and wire |
| A895 | Plate, sheet and strip, free machining | B672 | Nickel-iron-chromium-molybdenum-columbium stabilized (N08700) bar and wire |
| A908 | Needle tubing | B673 | UNS N08904, N08925, and N08926 welded pipe |
| A928 | Pipe, electric fusion welded with addition of filler metal, ferritic/austenitic (duplex) | B674 | UNS N08904, N08925 and N08926 welded tube |
| A943 | Spray-formed seamless pipes, austenitic | B675 | UNS N08366 and N08367 welded pipe |
| A946 | Plate, sheet and strip, chromium-nickel-silicon alloy | B676 | UNS N08366 and N08367 welded tube |
| A947M | Textured sheet | B677 | UNS N08904, N08925 and N08926 seamless pipe and tube |
| A949 | Spray-formed seamless pipe, ferritic/austenitic | B688 | Chromium-nickel-molybdenum-iron (N08366 and N08367) plate, sheet and strip |
| A953 | Seamless and welded tubing, austenitic chromium-nickel-silicon alloy | B690 | Iron-nickel-chromium-molybdenum alloys (N08366 and N08367) seamless pipe and tube |
| A954 | Seamless and welded pipe, austenitic chromium-nickel-silicon alloy | B691 | Iron-nickel-chromium-molybdenum alloys (N08366 and N08367) rod, bar and wire |
| A955 | Deformed and plain bars for concrete reinforcement | B710 | Nickel-iron-chromium-silicon alloy welded pipe |
| A957 | Investment castings, steel and alloy, common requirements for general industrial use | B729 | Seamless UNS N08020, N08026 and N08024, nickel alloy pipe and tube |
| A959 | Guide for specifying harmonized standard grade compositions for wrought stainless steels | | |
| A960 | Common requirements for wrought steel pipe fittings | | |
| A968 | Bars and shapes, chromium-nickel-silicon alloy | | |
| B163 | Seamless nickel and nickel alloy condenser and heat exchanger tubes | | |
| B366 | Factory-made wrought nickel and nickel alloy fittings | | |

- B739 Nickel-iron-chromium-silicon alloy welded tube
 C795 Thermal insulation for use in contact with austenitic stainless steel
 E437 Industrial wire cloth and screens (square opening series)
 E454 Industrial perforated plate and screens (square opening series)
 E674 Industrial perforated plate and screens (round opening series)
 F55 Surgical implants, bar and wire
 F56 Surgical implants, sheet and strip
 F138 Surgical implants, bar and wire, special quality
 F139 Surgical implants, sheet and strip, special quality
 F352 Lock washers (surgical implants)
 F593 Bolts, hex cap screws and studs
 F594 Nuts
 F621 Forgings for surgical implants
 F642 Flexible wire for surgical fixations for soft tissue
 F738M Metric bolts, screws and studs
 F745 Shot/bar/ingot for cast/solution treated implants
 F836M Metric nuts
 F837 Socket head cap screws
 F879M Metric socket button and flat countersunk cap screws
 F880 Socket set screws
 F899 Billet, bar and wire for surgical instruments
 F1079 Inserted and noninserted surgical scissors
 F1314 Bar and wire for surgical implants, nitrogen-strengthened high manganese high chromium
 F1350 Surgical fixation wire

Practices

(ASTM Volume No. follows each entry)

- A262 Detecting susceptibility to attack in austenitic stainless steels **01.03, 01.05, 03.02**
 A380 Cleaning and descaling stainless steel parts, equipment and systems **01.03, 02.05**
 A609 Castings, carbon, low-alloy, and martensitic stainless steel, ultrasonic examination thereof **01.02**
 A700 Packaging, marking and loading methods for steel products for domestic shipment **01.01, 01.03, 01.04, 01.05**
 A745 Ultrasonic examination of austenitic steel forgings **01.05**
 A763 Detecting susceptibility to intergranular attack in ferritic stainless steels **01.03**
 A799 Instrument calibration for estimating ferrite content of stainless steel castings **01.02**
 A800 Estimating ferrite content of austenitic alloy steel castings **01.02**
 A880 Criteria for use in evaluation of testing laboratories and organizations for examination of steel, stainless steel and related alloys **01.03**
 A967 Chemical passivation treatments for stainless steel parts **01.03**
 B254 Preparation of and electroplating on stainless steel **02.05**

- D2651 Preparation of metal surfaces for adhesive bonding **15.06**
 E426 Practice for electromagnetic (eddy-current) testing of seamless and welded tubular products, austenitic stainless steels and similar alloys **03.03**
 E527 Practice for numbering metals and alloys (UNS)
 G35 Determining the susceptibility of stainless steels and related nickel-chromium-iron alloys to stress corrosion cracking in polythionic acids **03.02**
 G46 Examination and evaluation of pitting corrosion **03.02**
 G58 Preparation of stress-corrosion test specimens for weldments **03.02**
 G78 Guide for crevice corrosion testing of iron base and nickel base stainless alloys in seawater and other chloride-containing environments **03.02**

Test Methods

- A370 Mechanical testing of steel products **01.01, 01.02, 01.03, 01.04, 01.05**
 A604 Macroetch testing bars, billets and blooms **01.03, 01.05**
 A751 Test methods, practices and terminology for chemical analysis of steel products **01.01, 01.02, 01.03, 01.04, 01.05, 03.05**
 A923 Detecting detrimental intermetallic phase in wrought ferritic-austenitic (duplex) stainless steels **01.03**
 E112 Determining average grain size **03.01**
 E327 Optical emission spectrometric analysis of stainless type 18-8 steels by the point-to-plane technique **03.05**
 E572 X-ray emission spectrometric analysis of stainless steel **03.06**
 E1086 Optical emission vacuum spectrometric analysis of stainless steel by the point-to-plane excitation technique **03.06**
 G36 Practice for performing stress-corrosion cracking tests in a boiling ferric chloride solution **03.02**
 G48 Pitting and crevice corrosion resistance of stainless steels and related alloys by the use of ferric chloride solution **03.02**
 G98 Galling resistance of materials **03.02**
 G108 Electrochemical reactivation (EPR) for detecting sensitization of AISI Type 304 and 304L stainless steels **03.02**

Hardness Conversion Tables

- E140 Standard hardness conversion tables for metals (includes tables for austenitic stainless steel plate and sheet) **03.01**

Specifications by Mill Shape

Bar (ASTM Volume 01.03)

- A276 Bars and shapes
 A479 Bars and shapes for use in boilers and other pressure vessels

- A484 General requirements for bars, billets and forgings
 A564 Bars and shapes, hot-rolled and cold-finished, age hardening
 A565 Bars, forgings and forging stock for high temperature service, martensitic
 A582 Bars, hot-rolled or cold-finished, free-machining
 A831 Bars, billets and forgings for use in core components
 A955 Deformed and plain bars for concrete reinforcement
01.04
 A968 Bars and shapes, chromium-nickel-silicon alloy

Bar (ASTM Volume 02.04)

- B472 UNS N08020, N08024, N08026, N08367, N08926 and R20033 nickel alloy billets and bars for reforging
 B473 UNS N08020, N08024 and N08026 nickel alloy bar and wire
 B511 Nickel-iron-chromium-silicon alloy bars and shapes
 B512 Nickel-chromium-silicon alloy (N08330) billets and bars
 B649 Ni-Fe-Cr-Mo-Cu low carbon alloy (N08904), Ni-Fe-Cr-Mo-Cu-N low carbon alloys (N08925, N08031 and N089260) and Cr-Ni-Fe-N low carbon alloy (R20033) bar and wire
 B672 Nickel-iron-chromium-molybdenum-columbium stabilized (N08700) bar and wire
 B691 Iron-nickel-chromium-molybdenum alloys (N08366 and N08367) rod, bar and wire

Castings (ASTM Volume 01.02)

- A217 Castings, martensitic stainless and alloy
 A297 Castings, iron-chromium, iron-chromium-nickel, heat resistant, for general application
 A351 Castings for pressure-containing parts, austenitic, austenitic-ferritic (duplex)
 A352 Castings for pressure-containing parts suitable for low temperature service, ferritic and martensitic
 A356 Heavy-walled castings for steam turbines
 A447 Castings for high temperature service, chromium-nickel-iron
 A487 Castings suitable for pressure service, martensitic
 A608 Centrifugally cast iron-chromium nickel high alloy tubing for pressure application at high temperatures
 A743 Castings, iron-chromium, iron-chromium-nickel and nickel-base, corrosion resistant, for general service
 A744 Castings, iron-chromium-nickel, for severe service
 A747 Castings, precipitation hardening
 A757 Castings, ferritic and martensitic for pressure-containing and other applications for low temperature service
 A781 Castings, common requirements for general industrial use
 A890 Castings, iron-chromium-nickel-molybdenum, for general application, duplex (austenitic/ferritic)
 A957 Investment castings, steel and alloy, common requirements for general industrial use

Forgings (ASTM Volume 01.05)

- A314 Bars and billets for forging
 A336 Forgings for pressure and high temperature parts
 A473 Forgings
 A484 General requirements for bars, billets and forgings
 A705 Forgings, age hardening

Forgings (ASTM Volume 02.04)

- B462 Forged or rolled UNS N08020, N08024, N08026 and N08367 alloy pipe flanges, forged fittings, and valves and parts for corrosive high-temperature service
 B472 UNS N08020, N08024, N08026, N08367, N08926 and R20033 nickel alloy billets and bars for reforging
 B564 Nickel alloy forgings

Pipe (ASTM Volume 01.01)

- A312 Pipe, austenitic
 A358 Electric fusion welded pipe, austenitic
 A376 Pipe for high-temperature central station service, austenitic
 A409 Welded large diameter pipe, austenitic
 A426 Centrifugally-cast pipe, ferritic
 A430 Forged and bored pipe, austenitic
 A530 Specialized carbon and alloy steel pipe, general requirements
 A733 Welded and seamless carbon steel and austenitic stainless steel pipe nipples
 A790 Seamless and welded pipe, ferritic/austenitic
 A813 Single- or double-welded pipe, austenitic
 A814 Cold-worked welded pipe, austenitic
 A815 Pipe fittings, ferritic, ferritic/austenitic and martensitic
 A872 Centrifugally cast pipe for corrosive environments, ferritic/austenitic
 A928 Pipe, electric fusion welded with addition of filler metal, ferritic/austenitic (duplex)
 A943 Spray-formed seamless pipe, austenitic
 A949 Spray-formed seamless pipe, ferritic/austenitic
 A954 Seamless and welded pipe, austenitic chromium-nickel-silicon alloy
 A960 Common requirements for wrought steel pipe fittings

Pipe (ASTM Volume 02.04)

- B407 Nickel-iron-chromium seamless pipe and tube
 B462 Forged or rolled UNS N08020, N08024, N08026 and N08367 alloy pipe flanges, forged fittings, and valves and parts for corrosive high-temperature service
 B464 Welded UNS N08020, N08024, and N08026 alloy pipe
 B474 Electric fusion welded UNS N08020, N08024 and N08026 nickel alloy pipe
 B514 Welded nickel-iron-chromium alloy pipe (N08330 and N08332) seamless pipe and tube
 B546 Electric fusion welded Ni-Cr-Co-Mo alloy (N06617), Ni-Fe-Cr-Si alloys (N08330 and N08332), Ni-Cr-Fe alloy (N06025), and Ni-Cr-Fe-Si alloy (N06045) pipe

- B673 UNS N08904, N08925, and N08926 welded pipe
 B675 UNS N08366 and N08367 welded pipe
 B677 UNS N08904, N08925 and N08926 seamless pipe and tube
 B690 Iron-nickel-chromium-molybdenum alloys (N08366 and N08367) seamless pipe and tube
 B710 Nickel-iron-chromium-silicon alloy welded pipe
 B729 Seamless UNS N08020, N08026 and N08024, nickel alloy pipe and tube

Plate, Sheet and Strip (ASTM Vol. 01.03)

- A167 Plate, sheet and strip, chromium-nickel
 A176 Plate, sheet and strip, chromium
 A240 Plate, sheet and strip for pressure vessels
 A263 Clad plate, sheet and strip, chromium
 A264 Clad plate, sheet and strip, chromium-nickel
 A666 Sheet, strip, plate and flat bar, for structural and architectural applications, austenitic
 A693 Plate, sheet and strip, precipitation hardening
 A793 Rolled floor plate, austenitic
 A887 Borated stainless steel plate, sheet and strip for nuclear applications
 A895 Plate, sheet and strip, free machining
 A946 Plate, sheet and strip, chromium-nickel-silicon alloy
 A947M Textured sheet

Plate, Sheet and Strip (ASTM Vol. 02.04)

- B409 Nickel-iron-chromium plate, sheet and strip
 B599 Nickel-iron-chromium-molybdenum-columbium stabilized alloy (N08700) plate, sheet and strip
 B625 UNS N08904, N08925, N08031, N08932, N09926 and R20033 plate, sheet and strip
 B688 Chromium-nickel-molybdenum-iron (N08366 and N08367) plate, sheet and strip

Tube (ASTM Volume 01.01)

- A213 Seamless ferritic and austenitic alloy boiler, superheater and heat exchanger tubes
 A249 Tubes, welded boiler, superheater, heat-exchanger and condenser, austenitic
 A268 Tubing, seamless and welded, ferritic
 A269 Tubing, seamless and welded, austenitic
 A270 Sanitary tubing, austenitic
 A271 Still tubes for refinery service, seamless, austenitic
 A450 General requirements for tubes, austenitic and ferritic
 A498 Seamless and welded carbon, ferritic and austenitic alloy heat exchanger tubes with integral fins
 A511 Seamless mechanical tubing
 A554 Welded mechanical tubing
 A608 Centrifugally cast iron-chromium nickel high alloy tubing for pressure application at high temperatures
 A632 Seamless and welded tubing, small diameter, for general service, austenitic
 A688 Welded feedwater heater tubes, austenitic
 A771 Tubing for breeder reactor core components, austenitic

- A778 Welded tubular products, unannealed austenitic
 A789 Seamless and welded tubing for general service, ferritic/austenitic
 A791 Welded tubing, unannealed ferritic
 A803 Welded feedwater heater tubes, ferritic
 A803 Welded feedwater heater tubes, ferritic
 A826 Duct tubes for breeder reactor core components, austenitic and ferritic
 A851 High-frequency, induction-welded condenser tubes, austenitic
 A908 Needle tubing
 A953 Seamless and welded tubing, austenitic chromium-nickel-silicon alloy

Tube (ASTM Volume 02.04)

- B163 Seamless nickel and nickel alloy condenser and heat exchanger tubes
 B407 Nickel-iron-chromium seamless pipe and tube
 B468 Welded UNS N08020, N08024 and N08026 alloy tubes
 B515 Welded UNS N08800, N08810 and N08811 alloy tubes
 B535 Nickel-iron-chromium-silicon alloys (N08330 and N08332) seamless pipe and tube
 B674 UNS N08904, N08925 and N08926 welded tube
 B676 UNS N08366 and N08367 welded tube
 B677 UNS N08904, N08925 and N08926 seamless pipe and tube
 B690 Iron-nickel-chromium-molybdenum alloys (N08366 and N08367) seamless pipe and
 B729 Seamless UNS N08020, N08026 and N08024, nickel alloy pipe and tube
 B739 Nickel-iron-chromium-silicon alloy welded tube

Wire and Wire Rod (ASTM Volume 01.03)

- A313 Spring wire, chromium-nickel
 A368 Wire strand
 A478 Weaving wire, chromium-nickel
 A492 Rope wire
 A493 Cold heading and cold forging bar and wire
 A555 General requirements for wire and wire rods
 A580 Wire
 A581 Wire, free-machining

Wire and Wire Rod (ASTM Volume 02.04)

- B471 UNS N08020, N08024 and N08026 alloy spring wire
 B473 UNS N08020, N08024 and N08026 nickel alloy bar and wire
 B475 UNS N08020, N08024 and N08026 nickel alloy round weaving wire
 B649 Ni-Fe-Cr-Mo-Cu low carbon alloy (N08904), Ni-Fe-Cr-Mo-Cu-N low carbon alloys (N08925, N08031 and N08926) and Cr-Ni-Fe-N low carbon alloy (R20033) bar and wire
 B672 Nickel-iron-chromium-molybdenum-columbium stabilized (N08700) bar and wire
 B691 Iron-nickel-chromium-molybdenum alloys (N08366 and N08367) rod, bar and wire

Stainless Steel Specifications According to Product Type

Architectural Applications

- A666 Sheet, strip, plate and flat bar, for structural and architectural applications, austenitic (ASTM Volume 01.03)
 A947M Textured sheet (ASTM Vol. 01.03)

Bearings (ASTM Volume 01.05)

- A756 Anti-friction bearing steel

Bolts and Nuts (ASTM Volume 01.01)

- A193 Bolts
 A194 Nuts
 A320 Bolting for low temperature service
 A437 Alloy steel turbine-type bolting material specially heat treated for high temperature service
 A453 Bolting materials, high temperature, 50 to 120 ksi yield strength with expansion coefficients comparable to austenitic steels

Fasteners (ASTM Volume 15.08)

- F593 Bolts, hex cap screws and studs
 F594 Nuts
 F738M Metric bolts, screws and studs
 F836M Metric nuts
 F837 Socket head cap screws
 F879M Metric socket button and flat countersunk cap screws
 F880 Socket set screws

Fittings, Flanges & Valves (ASTM Volume 01.01)

- A182 Forged flanges, fittings and valves
 A403 Pipe fittings
 A774 As-welded fittings for general corrosive service at low and moderate temperatures, austenitic
 A815 Pipe fittings, ferritic, ferritic/austenitic and martensitic

Fittings, Flanges & Valves (ASTM Volume 02.04)

- B366 Factory-made wrought nickel and nickel alloy fittings
 B462 Forged or rolled UNS N08020, N08024, N08026 and N08367 alloy pipe flanges, forged fittings, and valves and parts for corrosive high-temperature service

Floor Plate (ASTM Volume 01.03)

- A793 Rolled floor plate, austenitic

Industrial Wire Cloth, Screens & Perforated Plate (ASTM Vol. 14.02)

- E437 Industrial wire cloth and screens (square opening series)
 E454 Industrial perforated plate and screens (square opening series)
 E674 Industrial perforated plate and screens (round opening series)

Needle Tubing (ASTM Volume 01.01)

- A908 Needle tubing

Nuclear Applications

- A771 Tubing for breeder reactor core components, austenitic (01.01)
 A826 Duct tubes for breeder reactor core components, austenitic and ferritic (01.01)
 A831 Bars, billets and forgings for use in core components (01.03)
 A887 Borated stainless steel plate, sheet and strip for nuclear applications (01.03)

Sanitary Tubing (ASTM Volume 01.01)

- A270 Sanitary tubing, austenitic

Surgical Implant Materials (ASTM Volume 13.01)

- F55 Surgical implants, bar and wire
 F56 Surgical implants, sheet and strip
 F138 Surgical implants, bar and wire, special quality
 F139 Surgical implants, sheet and strip, special quality
 F352 Lock washers (surgical implants)
 F621 Forgings for surgical implants
 F642 Flexible wire for surgical fixations for soft tissue
 F745 Shot/bar/ingot for cast/solution treated implants
 F899 Billet, bar and wire for surgical instruments
 F1079 Inserted and noninserted surgical scissors
 F1314 Bar and wire for surgical implants, nitrogen-strengthened high manganese high chromium
 F1350 Surgical fixation wire