

ASTM STAINLESS STEEL STANDARDS

SPECIFICATIONS

A167	Plate, sheet and strip, chromium-nickel	A565	Bars, forgings and forging stock for high temperature service, martensitic
A176	Plate, sheet and strip, chromium	A579	Superstrength alloy forgings
A182	Forged flanges, fittings and valves	A580	Wire
A193	Bolts	A581	Wire, free-machining
A194	Nuts	A582	Bars, hot-rolled or cold-finished, free-machining
A213	Seamless ferritic and austenitic alloy boiler, superheater and heat exchanger tubes	A608	Centrifugally cast iron-chromium-nickel high alloy tubing for pressure application at high temperatures
A217	Castings, martensitic stainless and alloy	A632	Seamless and welded tubing, small diameter, for general service, austenitic
A240	Plate, sheet and strip for pressure vessels	A638	Iron-base superalloy bars, forgings and forging stock for high temperature service, precipitation hardening
A249	Tubes, welded boiler, superheater, heat-exchanger and condenser, austenitic	A666	Sheet, strip, plate and flat bar, for structural and architectural applications, austenitic
A263	Clad plate, sheet and strip, chromium	A688	Welded feedwater heater tubes, austenitic
A264	Clad plate, sheet and strip, chromium-nickel	A693	Plate, sheet and strip, precipitation hardening
A268	Tubing, seamless and welded, ferritic	A705	Forgings, age hardening
A269	Tubing, seamless and welded, austenitic	A733	Welded and seamless carbon steel and austenitic stainless steel pipe nipples
A270	Sanitary tubing, austenitic	A743	Castings, iron-chromium, iron-chromium-nickel and nickel-base, corrosion resistant, for general service
A276	Bars and shapes	A744	Castings, Iron-chromium-nickel, for severe service
A297	Castings, iron-chromium, iron-chromium-nickel, heat resistant, for general application	A747	Castings, precipitation hardening
A312	Pipe, austenitic	A756	Anti-friction bearing steel
A313	Spring wire, chromium-nickel	A757	Castings, ferritic and martensitic for pressure-containing and other applications for low temperature service
A314	Bars and billets for forging	A771	Tubing for breeder reactor core components, austenitic
A320	Bolting for low temperature service	A774	As-welded fittings for general corrosive service at low and moderate temperatures, austenitic
A336	Forgings for pressure and high temperature parts	A778	Welded tubular products, unannealed austenitic
A351	Castings for pressure-containing parts, austenitic, austenitic-ferritic (duplex)	A781	Castings, common requirements for general industrial use
A352	Castings for pressure-containing parts suitable for low temperature service, ferritic and martensitic	A789	Seamless and welded tubing for general service, ferritic/austenitic
A356	Heavy-walled castings for steam turbines	A790	Seamless and welded pipe, ferritic/austenitic
A358	Electric fusion welded pipe, austenitic	A791	Welded tubing, unannealed ferritic
A368	Wire strand	A793	Rolled floor plate, austenitic
A376	Pipe for high-temperature central station service, austenitic	A803	Welded feedwater heater tubes, ferritic
A403	Pipe fittings	A813	Single- or double-welded pipe, austenitic
A409	Welded large diameter pipe, austenitic	A814	Cold-worked welded pipe, austenitic
A426	Centrifugally-cast pipe, ferritic	A815	Pipe fittings, ferritic, ferritic/austenitic and martensitic
A430	Forged and bored pipe, austenitic	A826	Duct tubes for breeder reactor core components, austenitic and ferritic
A437	Alloy steel turbine-type bolting material specially heat treated for high temperature service	A831	Bars, billets and forgings for use in core components
A447	Castings for high temperature service, chromium-nickel-iron	A851	High-frequency, induction-welded condenser tubes, austenitic
A450	General requirements for tubes, austenitic and ferritic	A872	Centrifugally cast pipe for corrosive environments, ferritic/austenitic
A451	Centrifugally cast austenitic steel pipe for high temperature service	A887	Borated stainless steel plate, sheet and strip for nuclear applications
A453	Bolting materials, high temperature, 50 to 120 ksi yield strength with expansion coefficients comparable to austenitic steels	A890	Castings, iron-chromium-nickel-molybdenum, for general application, duplex (austenitic/ferritic)
A473	Forgings	A891	Iron-base superalloy forgings for turbine rotor disks and wheels, precipitation hardening
A478	Weaving wire, chromium-nickel	A895	Plate, sheet and strip, free machining
A479	Bars and shapes for use in boilers and other pressure vessels	A908	Needle tubing
A480	General requirements for plate, sheet and strip	A928	Pipe, electric fusion welded with addition of filler metal, ferritic/austenitic (duplex)
A484	General requirements for bars, billets and forgings	A943	Spray-formed seamless pipes, austenitic
A487	Castings suitable for pressure service, martensitic	A946	Plate, sheet and strip, chromium-nickel-silicon alloy
A492	Rope wire	A947M	Textured sheet
A493	Cold heading and cold forging bar and wire	A949	Spray-formed seamless pipe, ferritic/austenitic
A498	Seamless and welded carbon, ferritic and austenitic alloy heat exchanger tubes with integral fins	A953	Seamless and welded tubing, austenitic chromium-nickel-silicon alloy
A511	Seamless mechanical tubing		
A530	Specialized carbon and alloy steel pipe, general requirements		
A554	Welded mechanical tubing		
A555	General requirements for wire and wire rods		
A564	Bars and shapes, hot-rolled and cold-finished, age hardening		