

# ASTM Volume 01.01, January 2025

A691/A691M-19 Standard Specification for Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures

A632-19 Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service

A672/A672M-19 Standard Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures

R0033 ASME B36.10M-2004 Welded and Seamless Wrought Steel Pipe

R0036 Stainless Steel Pipe (This is not an ASTM standard; available as PDF only)

A135/A135M-21 Standard Specification for Electric-Resistance-Welded Steel Pipe

A554-21 Standard Specification for Welded Stainless Steel Mechanical Tubing

A795/A795M-21 Standard Specification for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use

A524/A524M-21 Standard Specification for Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures

A523/A523M-21 Standard Specification for Plain End Seamless and Electric-Resistance-Welded Steel Pipe for High-Pressure Pipe-Type Cable Circuits

A618/A618M-21 Standard Specification for Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing

A1110/A1110M-21 Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes with 52 KSI [360 MPa] Minimum Yield Strength and Impact Requirements

A847/A847M-21 Standard Specification for Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance

A530/A530M-18 Standard Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe

A252/A252M-19 Standard Specification for Welded and Seamless Steel Pipe Piles

A589/A589M-06(2018) Standard Specification for Seamless and Welded Carbon Steel Water-Well Pipe

A556/A556M-18 Standard Specification for Seamless Cold-Drawn Carbon Steel Feedwater Heater Tubes

A210/A210M-19 Standard Specification for Seamless Medium-Carbon Steel Boiler and Superheater Tubes

A1065/A1065M-18 Standard Specification for Cold-Formed Electric-Fusion (Arc) Welded High-Strength Low-Alloy Structural Tubing in Shapes, with 50 ksi [345 MPa] Minimum Yield Point

A1024/A1024M-18 Standard Specification for Steel Line Pipe, Black, Plain-End, Seamless

A1112/A1112M-18 Standard Specification for Cold-Formed Welded High Strength Carbon Steel or High-Strength Low-Alloy Steel Hollow Structural Sections (HSS) in Rounds and Shapes

A214/A214M-19 Standard Specification for Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes

A671/A671M-20 Standard Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures

A423/A423M-19 Standard Specification for Seamless and Electric-Welded Low-Alloy Steel Tubes

A178/A178M-19 Standard Specification for Electric-Resistance-Welded Carbon Steel and Carbon-Manganese Steel Boiler and Superheater Tubes

A134/A134M-19 Standard Specification for Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over)

A707/A707M-19 Standard Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service

A106/A106M-19a Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service

A254/A254M-12(2019) Standard Specification for Copper-Brazed Steel Tubing

A437/A437M-15(2021) Standard Specification for Stainless and Alloy-Steel Turbine-Type Bolting Specially Heat Treated for High-Temperature Service

A334/A334M-04a(2021) Standard Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service

A1014/A1014M-16(2021) Standard Specification for Precipitation-Hardening Bolting (UNS N07718) for High Temperature Service

A822/A822M-20 Standard Specification for Seamless Cold-Drawn Carbon Steel Tubing for Hydraulic System Service

A1076/A1076M-20 Standard Specification for Cold Formed Carbon Structural Steel Tubing Made from Metallic Precoated Sheet Steel

A1082/A1082M-16(2021) Standard Specification for High Strength Precipitation Hardening and Duplex Stainless Steel Bolting for Special Purpose Applications

A501/A501M-21 Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing

A836/A836M-14(2020) Standard Specification for Titanium-Stabilized Carbon Steel Forgings for Glass-Lined Piping and Pressure Vessel Service

A1012-10(2021) Standard Specification for Seamless and Welded Ferritic, Austenitic and Duplex Alloy Steel Condenser and Heat Exchanger Tubes With Integral Fins

A928/A928M-14(2021) Standard Specification for Ferritic/Austenitic (Duplex) Stainless Steel Pipe Electric Fusion Welded with Addition of Filler Metal

A803/A803M-16(2021) Standard Specification for Seamless and Welded Ferritic Stainless Steel Feedwater Heater Tubes

A972/A972M-00(2021) Standard Specification for Fusion Bonded Epoxy-Coated Pipe Piles

A511/A511M-21a Standard Specification for Seamless Stainless Steel Mechanical Tubing and Hollow Bar

A1120/A1120M-21 Standard Specification for Electric-Resistance-Welded Carbon Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes with Textured Surface

A209/A209M-03(2022) Standard Specification for Seamless Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes

A1053/A1053M-12(2022) Standard Specification for Welded Ferritic-Martensitic Stainless Steel Pipe

A1103/A1103M-16(2022) Standard Specification for Seamless Cold-Finished Carbon Steel Structural Frame Tubing for Automotive Racing Applications

A595/A595M-22 Standard Specification for Steel Tubes, Low-Carbon or High-Strength Low-Alloy, Tapered for Structural Use

A139/A139M-22 Standard Specification for Electric-Fusion (Arc)-Welded Steel Pipe (NPS 4 and Over)

A1097/A1097M-22 Standard Specification for Steel Casing Pipe, Carbon, Electric-Fusion (Arc)-Welded (NPS 10 and Larger)

A694/A694M-16(2022) Standard Specification for Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service

A733-16(2022) Standard Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples

A1098/A1098M-18(2022) Standard Specification for Welded Austenitic, Ferritic, Martensitic and Duplex Stainless Steel Boiler, Superheater, Condenser, and Heat Exchanger Tubes with Textured Surface(s)

A522/A522M-22 Standard Specification for Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for Low-Temperature Service

A587-22 Standard Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry

A376/A376M-22 Standard Specification for Seamless Austenitic Steel Pipe for High-Temperature Service

A403/A403M-22b Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings

A1123/A1123M-22 Standard Specification for Carbon Steel Laser and Laser-Hybrid Welded, Sharp-Cornered Profile (SCP), Built-Up, Square, Rectangular, and Special Shape Tube

A1085/A1085M-22 Standard Specification for Cold-Formed Welded Carbon Steel Hollow Structural Sections (HSS)

A498/A498M-17(2023) Standard Specification for Seamless and Welded Carbon Steel Heat-Exchanger Tubes with Integral Fins

A181/A181M-23 Standard Specification for Carbon Steel Forgings, for General-Purpose Piping

A1119/A1119M-23a Standard Specification for Welded Partially Corrugated Stainless Steel Tube for Potable Water and General Service

A988/A988M-23 Standard Specification for Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High Temperature Service

A989/A989M-23 Standard Specification for Hot Isostatically-Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service

A999/A999M-23 Standard Specification for General Requirements for Alloy and Stainless Steel Pipe

E527-23 Standard Practice for Numbering Metals and Alloys in the Unified Numbering System (UNS)

A1047/A1047M-05(2023) Standard Test Method for Pneumatic Leak Testing of Tubing

A865/A865M-23 Standard Specification for Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints

A381/A381M-23 Standard Specification for Metal-Arc-Welded Carbon or High-Strength Low-Alloy Steel Pipe for Use With High-Pressure Transmission Systems

A500/A500M-23 Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes

A1117-23 Standard Practice for Application of Thermal Spray Aluminum (TSA) Coating to Carbon Steel Pipe

A1127/A1127M-23 Standard Specification for Stainless Steel Laser and Laser-Hybrid Welded, Sharp-Cornered Profile (SCP) or Built-Up Rounded Corner Square, Rectangular, and Special Shape Structural Tube

A270/A270M-24 Standard Specification for Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing

A179/A179M-24 Standard Specification for Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes

A269/A269M-24 Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service

A268/A268M-24 Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service

A369/A369M-24 Standard Specification for Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service

A53/A53M-24 Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless

A774/A774M-24 Standard Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures

A789/A789M-24 Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service

A790/A790M-24 Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe

A453/A453M-17(2024) Standard Specification for High-Temperature Bolting, with Expansion Coefficients Comparable to Austenitic Stainless Steels

A358/A358M-24 Standard Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications

A409/A409M-24 Standard Specification for Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service

A333/A333M-24 Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service and Other Applications with Required Notch Toughness

A688/A688M-24 Standard Specification for Seamless and Welded Austenitic Stainless Steel Feedwater Heater Tubes

A813/A813M-24 Standard Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe

A540/A540M-24 Standard Specification for Alloy-Steel Bolting for Special Applications

A105/A105M-24 Standard Specification for Carbon Steel Forgings for Piping Applications

A234/A234M-24 Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service

A213/A213M-24 Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes

A249/A249M-24a Standard Specification for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes

A513/A513M-24 Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing

A512/A512M-24 Standard Specification for Cold-Drawn Buttweld Carbon Steel Mechanical Tubing

A192/A192M-24 Standard Specification for Seamless Carbon Steel Boiler Tubes for High-Pressure Service

A758/A758M-24 Standard Specification for Wrought-Carbon Steel Butt-Welding Piping Fittings with Improved Notch Toughness

A194/A194M-24 Standard Specification for Carbon Steel, Alloy Steel, and Stainless Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both

A858/A858M-24 Standard Specification for Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service

A778/A778M-24a Standard Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products



A960/A960M-24a Standard Specification for Common Requirements for Wrought Steel Piping Fittings

A908-24 Standard Specification for Stainless Steel Needle Tubing

A994-24 Standard Guide for Editorial Procedures and Form of Product Specifications for Steel, Stainless Steel, and Related Alloys

A1015-01(2024) Standard Guide for Videoborescoping of Tubular Products for Sanitary Applications

A815/A815M-24a Standard Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings

A182/A182M-24c Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service

A193/A193M-24a Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications

A312/A312M-24b Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes

A320/A320M-24a Standard Specification for Alloy-Steel and Stainless Steel Bolting for Low-Temperature Service

A335/A335M-24b Standard Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service

A420/A420M-24a Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service

A450/A450M-24 Standard Specification for General Requirements for Carbon and Low Alloy Steel Tubes

A860/A860M-24a Standard Specification for Wrought High-Strength Ferritic Steel Butt-Welding Fittings

A519/A519M-24a Standard Specification for Seamless Carbon and Alloy Steel Mechanical Tubing

A1016/A1016M-24a Standard Specification for General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel, and Stainless Steel Tubes

A350/A350M-24b Standard Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components

A961/A961M-24b Standard Specification for Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications

A962/A962M-24a Standard Specification for Common Requirements for Bolting Intended for Use at Any Temperature from Cryogenic to the Creep Range

A787/A787M-24 Standard Specification for Electric-Resistance-Welded Metallic-Coated Carbon Steel Mechanical Tubing