

ASTM Volume 01.09, January 2025

F680-20 Standard Test Methods for Nails

F1554-20 Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength

F2833-11(2017) Standard Specification for Corrosion Protective Fastener Coatings with Zinc Rich Base Coat and Aluminum Organic/Inorganic Type

F912-11(2017) Standard Specification for Alloy Steel Socket Set Screws

F2882/F2882M-17 Standard Specification for Screws, Alloy Steel, Heat Treated, 170 ksi and 1170 MPa Minimum Tensile Strength (Inch and Metric)

A489-18e1 Standard Specification for Carbon Steel Eyebolts

F2094/F2094M-18a Standard Specification for Silicon Nitride Bearing Balls

F2730/F2730M-18a Standard Specification for Silicon Nitride Cylindrical Bearing Rollers

F468M-06(2018) Standard Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric)

F467M-06a(2018) Standard Specification for Nonferrous Nuts for General Use (Metric)

A354-17e2 Standard Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners

F2431-04(2018) Standard Specification for Ring Bearing, Inner: For Needle Roller Bearing with Thick Outer Ring

F2430-04(2018) Standard Specification for Bearing, Roller, Needle: Assembly (Thick Outer Race)

F2444-04(2018) Standard Practice for Damage Prevention of Bearings, and Bearing Components Through Proper Handling Techniques

F1136/F1136M-11(2019) Standard Specification for Zinc/Aluminum Corrosion Protective Coatings for Fasteners

F1137/F1137M-19 Standard Specification for Phosphate/Oil Corrosion Protective Coatings for Fasteners

A307-21 Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength

F3019/F3019M-19 Standard Specification for Chromium Free Zinc-Flake Composite, with or without Integral Lubricant, Corrosion Protective Coatings for Fasteners

F2660-20 Standard Test Method for Qualifying Coatings for Use on F3125 Grade A490 Structural Bolts Relative to Environmental Hydrogen Embrittlement

F432-19 Standard Specification for Roof and Rock Bolts and Accessories

F901-20 Standard Specification for Aluminum Transmission Tower Bolts and Nuts

F837-20 Standard Specification for Stainless Steel Socket Head Cap Screws

F541-12(2020) Standard Specification for Alloy Steel Eyebolts

A449-14(2020) Standard Specification for Hex Cap Screws, Bolts and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use

A31-14(2020) Standard Specification for Steel Rivets and Bars for Rivets, Pressure Vessels

F2161-21 Standard Guide for Instrument and Precision Bearing Lubricants—Part 1 Oils

F2443-04(2021) Standard Specification for Roller, Bearing, Needle, Ferrous, Solid, Spherical End

F2953-12(2021) Standard Specification for Phenolic Raw Materials for the Use in Bearing Cages

F2832-11(2021) Standard Guide for Accelerated Corrosion Testing for Mechanical Fasteners

F2482/F2482M-21 Standard Specification for Load-Indicating Externally Threaded Fasteners

F2488-05(2022) Standard Terminology for Rolling Element Bearings

F2511-05(2022) Standard Specification for Rollers, Bearing, Needle, Ferrous, Solid

F2590-06(2022) Standard Specification for Bearing, Roller, Thrust, Two Channeled Race Surface, Rigid or Flat Seat Type

F3359/F3359M-21 Standard Test Method for Determining Bending Yield Moment of Staples

F2591-06(2022) Standard Specification for Bearing, Roller, Tapered, Single Row of Rollers (Metric Series)

F1667/F1667M-21a Standard Specification for Driven Fasteners: Nails, Spikes, and Staples

A574-21 Standard Specification for Alloy Steel Socket-Head Cap Screws

F547-22 Standard Terminology of Nails for Use with Wood and Wood-Base Materials

F2246-06(2022) Standard Specification for Bearing, Roller, Needle: Thick Outer Ring With Rollers and Cage

F2332-06(2022) Standard Specification for Annular Ball Bearings for Instruments and Precision Rotating Components

F2489-06(2022) Standard Guide for Instrument and Precision Bearing Lubricants—Part 2 Greases

F2661-07(2022) Standard Test Method for Determining the Tribological Behavior and the Relative Lifetime of a Fluid Lubricant using the Spiral Orbit Tribometer

F2328-17(2022) Standard Test Method for Determining Decarburization and Carburization in Hardened and Tempered Threaded Steel Bolts, Screws, Studs, and Nuts

F2328M-17(2022) Standard Test Method for Determining Decarburization and Carburization in Hardened and Tempered Threaded Steel Bolts, Screws, Studs, and Nuts (Metric)

F3131-14(2023) Standard Specification for Epoxy / Cotton Raw Materials for the Use in Bearing Cages

F1428-23 Standard Specification for Aluminum Particle-Filled Basecoat/Organic or Inorganic Topcoat, Corrosion Protective Coatings for Fasteners

F835-23 Standard Specification for Alloy Steel Socket Button, Low and Flat Countersunk Head Cap Screws

F879-23 Standard Specification for Stainless Steel Socket Button, Low and Flat Countersunk Head Cap Screws

F468-23 Standard Specification for Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use

F788/F788M-20e1 Standard Specification for Surface Discontinuities of Bolts, Screws, Studs, and Rivets, Inch and Metric Series

F812/F812M-12(2022)e1 Standard Specification for Surface Discontinuities of Nuts, Inch and Metric Series

F959/F959M-17a(2023) Standard Specification for Compressible-Washer-Type Direct Tension Indicators for Use with Structural Fasteners, Inch and Metric Series

F2329/F2329M-15(2023) Standard Specification for Zinc Coating, Hot-Dip, Requirements for Application to Carbon and Alloy Steel Bolts, Screws, Washers, Nuts, and Special Threaded Fasteners

F2437/F2437M-17(2023) Standard Specification for Carbon and Alloy Steel Compressible-Washer-Type Direct Tension Indicators for Use with Cap Screws, Bolts, Anchors, and Studs

F2282-23 Standard Specification for Quality Assurance Requirements for Carbon and Alloy Steel Wire, Rods, and Bars for Mechanical Fasteners

F3125/F3125M-23 Standard Specification for High Strength Structural Bolts and Assemblies, Steel and Alloy Steel, Heat Treated, Inch Dimensions 120 ksi and 150 ksi Minimum Tensile Strength, and Metric Dimensions 830 MPa and 1040 MPa Minimum Tensile Strength

F3394/F3394M-23 Standard Specification for Hardened Steel Backup and Reaction Washers Inch and Metric Dimensions

A394-08(2024) Standard Specification for Steel Transmission Tower Bolts, Zinc-Coated and Bare

F1470-24 Standard Practice for Fastener Sampling for Specified Mechanical Properties and Performance Inspection

F1575/F1575M-24 Standard Test Method for Determining Bending Yield Moment of Nails, Spikes, and Dowel-type Threaded Fasteners

A502-24 Standard Specification for Rivets, Steel, Structural

F3043-23 Standard Specification for "Twist Off" Type Tension Control Structural Bolt/Nut/Washer Assemblies, Alloy Steel, Heat Treated, 200 ksi Minimum Tensile Strength

F3393-24 Standard Specification for Zinc-Flake Coating Systems for Fasteners

F3111-23 Standard Specification for Heavy Hex Structural Bolt/Nut/Washer Assemblies, Alloy Steel, Heat Treated, 200 ksi Minimum Tensile Strength

F844-19(2024) Standard Specification for Washers, Steel, Plain (Flat), Unhardened for General Use

F2281-04(2024) Standard Specification for Stainless Steel and Nickel Alloy Bolts, Hex Cap Screws, and Studs, for Heat Resistance and High Temperature Applications

F3148-17a(2024) Standard Specification for High Strength Structural Bolt Assemblies, Steel and Alloy Steel, Heat Treated, 144ksi Minimum Tensile Strength, Inch Dimensions

F3042-13(2024) Standard Specification for Nonferrous Hex Socket, Slotted Headless, and Square Head Set Screws

F1940-07a(2024) Standard Test Method for Process Control Verification to Prevent Hydrogen Embrittlement in Plated or Coated Fasteners

F3329-18(2024) Standard Specification for Carbon and Alloy Steel Metric Rivets

F593-24 Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs

F880-24 Standard Specification for Stainless Steel Socket, Square Head, and Slotted Headless-Set Screws

A563/A563M-24 Standard Specification for Carbon and Alloy Steel Nuts (Inch and Metric)

F594-24 Standard Specification for Stainless Steel Nuts

F467-24 Standard Specification for Nonferrous Nuts for General Use

F436/F436M-24 Standard Specification for Hardened Steel Washers Inch and Metric Dimensions

F606/F606M-24 Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets

F1789-24 Standard Terminology for F16 Mechanical Fasteners

F1941/F1941M-16(2025) Standard Specification for Electrodeposited Coatings on Mechanical Fasteners, Inch and Metric

F2162-01(2025) Standard Specification for Bearing, Roller, Needle: Drawn Outer Ring, Full Complement, Without Inner Ring, Open and Closed End, Standard Type

F2163-01(2025) Standard Specification for Ring, Bearing, Inner: for Needle Roller Bearing With Drawn Outer Ring