

ASTM Volume 01.09, January 2018

Fasteners; Rolling Element Bearings

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

A307-14e1 Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength

A354-17e1 Standard Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners

A394-08(2015) Standard Specification for Steel Transmission Tower Bolts, Zinc-Coated and Bare

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

A489-12 Standard Specification for Carbon Steel Lifting Eyes

A502-03(2015) Standard Specification for Rivets, Steel, Structural

A563-15 Standard Specification for Carbon and Alloy Steel Nuts

A563M-07(2013) Standard Specification for Carbon and Alloy Steel Nuts (Metric)

A574-17 Standard Specification for Alloy Steel Socket-Head Cap Screws

F432-13 Standard Specification for Roof and Rock Bolts and Accessories

F436/F436M-16 Standard Specification for Hardened Steel Washers Inch and Metric Dimensions

F467-13e2 Standard Specification for Nonferrous Nuts for General Use

F467M-06a(2012) Standard Specification for Nonferrous Nuts for General Use (Metric)

F468-16 Standard Specification for Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use

F468M-06(2012) Standard Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric)

F541-12 Standard Specification for Alloy Steel Eyebolts

F547-17 Standard Terminology of Nails for Use with Wood and Wood-Base Materials

F593-17 Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs

F594-09(2015) Standard Specification for Stainless Steel Nuts

F606/F606M-16 Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets

F680-17 Standard Test Methods for Nails

F788-13 Standard Specification for Surface Discontinuities of Bolts, Screws, and Studs, Inch and Metric Series

F812-12(2017) Standard Specification for Surface Discontinuities of Nuts, Inch and Metric Series

F835-16 Standard Specification for Alloy Steel Socket Button and Flat Countersunk Head Cap Screws

F836M-16 Standard Specification for Style 1 Stainless Steel Metric Nuts (Metric)

F837-13e1 Standard Specification for Stainless Steel Socket Head Cap Screws

F837M-16 Standard Specification for Stainless Steel Socket Head Cap Screws [Metric]

F844-07a(2013) Standard Specification for Washers, Steel, Plain (Flat), Unhardened for General Use

F879-15 Standard Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws

F879M-16 Standard Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws (Metric)

F880-12(2017) Standard Specification for Stainless Steel Socket, Square Head, and Slotted Headless-Set Screws

F880M-16 Standard Specification for Stainless Steel Socket Set Screws (Metric)

F901-01(2017) Standard Specification for Aluminum Transmission Tower Bolts and Nuts

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

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

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

F1137-11e1 Standard Specification for Phosphate/Oil Corrosion Protective Coatings for Fasteners

F1428-92(2017) Standard Specification for Aluminum Particle-Filled Basecoat/Organic or Inorganic Topcoat, Corrosion Protective Coatings for Fasteners

F1469-11 Standard Guide for Conducting a Repeatability and Reproducibility Study on Test Equipment for Nondestructive Testing

F1470-12 Standard Practice for Fastener Sampling for Specified Mechanical Properties and Performance Inspection

F1503-02(2012) Standard Practice for Machine/Process Capability Study Procedure

F1554-15e2 Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength

F1575-17 Standard Test Method for Determining Bending Yield Moment of Nails

F1667-17 Standard Specification for Driven Fasteners: Nails, Spikes, and Staples

F1789-17a Standard Terminology for F16 Mechanical Fasteners

F1940-07a(2014) Standard Test Method for Process Control Verification to Prevent Hydrogen Embrittlement in Plated or Coated Fasteners

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

F2094/F2094M-14e1 Standard Specification for Silicon Nitride Bearing Balls

F2161-10 Standard Guide for Instrument and Precision Bearing Lubricants-Part 1 Oils

F2162-01(2016) Standard Specification for Bearing, Roller, Needle: Drawn Outer Ring, Full Complement, Without Inner Ring, Open and Closed End, Standard Type

F2163-01(2016) Standard Specification for Ring, Bearing, Inner: for Needle Roller Bearing With Drawn Outer Ring

F2215-15 Standard Specification for Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications

F2246-06(2013) Standard Specification for Bearing, Roller, Needle: Thick Outer Ring With Rollers and Cage

F2281-04(2017) Standard Specification for Stainless Steel and Nickel Alloy Bolts, Hex Cap Screws, and Studs, for Heat Resistance and High Temperature Applications

F2282-15 Standard Specification for Quality Assurance Requirements for Carbon and Alloy Steel Wire, Rods, and Bars for Mechanical Fasteners

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

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

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

F2332-06(2013) Standard Specification for Annular Ball Bearings for Instruments and Precision Rotating Components

F2430-04(2012) Standard Specification for Bearing, Roller, Needle: Assembly (Thick Outer Race)

F2431-04(2012) Standard Specification for Ring Bearing, Inner: For Needle Roller Bearing with Thick Outer Ring

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

F2443-04(2012) Standard Specification for Roller, Bearing, Needle, Ferrous, Solid, Spherical End

F2444-04(2012) Standard Practice for Damage Prevention of Bearings, and Bearing Components Through Proper Handling Techniques

F2482-08(2015) Standard Specification for Load-Indicating Externally Threaded Fasteners

F2488-05(2013) Standard Terminology for Rolling Element Bearings

F2489-06(2013) Standard Guide for Instrument and Precision Bearing Lubricants—Part 2 Greases

F2511-05(2013) Standard Specification for Rollers, Bearing, Needle, Ferrous, Solid

F2590-06(2013) Standard Specification for Bearing, Roller, Thrust, Two Channeled Race Surface, Rigid or Flat Seat Type

F2591-06(2013) Standard Specification for Bearing, Roller, Tapered, Single Row of Rollers (Metric Series)

F2660-13 Standard Test Method for Qualifying Coatings for Use on A490 Structural Bolts Relative to Environmental Hydrogen Embrittlement

F2661-07(2015) Standard Test Method for Determining the Tribological Behavior and the Relative Lifetime of a Fluid Lubricant using the Spiral Orbit Tribometer

F2688-08(2014)e1 Standard Guide for System-Based, Customer-Centered Quality Plan for Manufacturers

F2730/F2730M-14 Standard Specification for Silicon Nitride Cylindrical Bearing Rollers

F2832-11(2016) Standard Guide for Accelerated Corrosion Testing for Mechanical Fasteners

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

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

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

F3019/F3019M-14 Standard Specification for Chromium Free Zinc-Flake Composite, with or without Integral Lubricant, Corrosion Protective Coatings for Fasteners

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

F3043-15 Standard Specification for “Twist Off” Type Tension Control Structural Bolt/Nut/Washer Assemblies, Alloy Steel, Heat Treated, 200 ksi Minimum Tensile Strength

F3111-16 Standard Specification for Heavy Hex Structural Bolt/Nut/Washer Assemblies, Alloy Steel, Heat Treated, 200 ksi Minimum Tensile Strength

F3125/F3125M-15a Standard Specification for High Strength Structural Bolts, Steel and Alloy Steel, Heat Treated, 120 ksi (830 MPa) and 150 ksi (1040 MPa) Minimum Tensile Strength, Inch and Metric Dimensions

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

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