



Standard Specification for Nonferrous Nuts for General Use (Metric)¹

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This standard has been approved for use by agencies of the Department of Defense.

1. Scope*

1.1 This specification covers the requirements for commercial wrought nonferrous nuts in nominal thread diameters M6 to M36 inclusive in a number of alloys in common use and intended for general service applications.

1.2 Applicable bolts, cap screws, and studs for use with nuts covered by this specification are covered by Specification **F468M**.

1.3 The values stated in SI units are to be regarded as standard. No other units of measurement are included in this standard.

NOTE 1—This specification is the metric companion of Specification F467.

2. Referenced Documents

2.1 ASTM Standards:²

- B154** Test Method for Mercurous Nitrate Test for Copper Alloys
- B574** Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod
- D3951** Practice for Commercial Packaging
- E18** Test Methods for Rockwell Hardness of Metallic Materials
- E29** Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications
- E34** Test Methods for Chemical Analysis of Aluminum and Aluminum-Base Alloys

- E38** Methods for Chemical Analysis of Nickel-Chromium and Nickel-Chromium-Iron Alloys (Withdrawn 1989)³
- E53** Test Method for Determination of Copper in Unalloyed Copper by Gravimetry
- E54** Test Methods for Chemical Analysis of Special Brasses and Bronzes (Withdrawn 2002)³
- E55** Practice for Sampling Wrought Nonferrous Metals and Alloys for Determination of Chemical Composition
- E62** Test Methods for Chemical Analysis of Copper and Copper Alloys (Photometric Methods) (Withdrawn 2010)³
- E75** Test Methods for Chemical Analysis of Copper-Nickel and Copper-Nickel-Zinc Alloys (Withdrawn 2010)³
- E76** Test Methods for Chemical Analysis of Nickel-Copper Alloys (Withdrawn 2003)³
- E92** Test Method for Vickers Hardness of Metallic Materials (Withdrawn 2010)³
- E101** Test Method for Spectrographic Analysis of Aluminum and Aluminum Alloys by the Point-to-Plane Technique (Withdrawn 1996)³
- E120** Test Methods for Chemical Analysis of Titanium and Titanium Alloys (Withdrawn 2003)³
- E165** Practice for Liquid Penetrant Examination for General Industry
- E227** Test Method for Optical Emission Spectrometric Analysis of Aluminum and Aluminum Alloys by the Point-to-Plane Technique (Withdrawn 2002)³
- E354** Test Methods for Chemical Analysis of High-Temperature, Electrical, Magnetic, and Other Similar Iron, Nickel, and Cobalt Alloys
- E478** Test Methods for Chemical Analysis of Copper Alloys
- E1409** Test Method for Determination of Oxygen and Nitrogen in Titanium and Titanium Alloys by the Inert Gas Fusion Technique
- F468M** Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric)
- F606M** Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, and Rivets (Metric)
- F1470** Practice for Fastener Sampling for Specified Mechanical Properties and Performance Inspection

¹ This specification is under the jurisdiction of ASTM Committee F16 on Fasteners and is the direct responsibility of Subcommittee F16.04 on Nonferrous Fasteners.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ The last approved version of this historical standard is referenced on www.astm.org.