



Designation: A 962/A 962M – 01a3

Standard Specification for Common Requirements for Steel Fasteners or Fastener Materials, or Both, Intended for Use at Any Temperature from Cryogenic to the Creep Range¹

This standard is issued under the fixed designation A 962/A 962M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope*

1.1 This specification covers a group of common requirements that shall apply to carbon, alloy and stainless steel fasteners or fastener materials, or both, under any of the following ASTM Specifications (or under any other ASTM Specifications that invoke this specification or portions thereof):

Title of Specifications	ASTM Designation
Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service	A 193/A 193M
Carbon and Alloy Steel Nuts for Bolts for High Pressure and High-Temperature Service	A 194/A 194M
Alloy Steel Bolting Materials for Low-Temperature Service	A 320/A 320M
Alloy-Steel Turbine-Type Bolting Material Specially Heat Treated for High-Temperature Service	A 437/A 437M
High-Temperature Bolting Materials With Expansion Coefficients Comparable to Austenitic Stainless Steels	A 453/A 453M
Alloy-Steel Bolting Materials for Special Applications	A 540/A 540M

1.2 In case of conflict the requirements of the individual product specification shall prevail over those of this specification.

1.3 Additional requirements may be specified by mutual agreement between the purchaser and supplier.

1.4 Values stated in either inch-pound or SI units (metric) are to be regarded separately. The SI units are shown in brackets within the text and tables. The values stated in each system are not exact equivalents, therefore, each system shall be used independently of the other. Combining values from the two systems may result in nonconformance with the specification. Inch-pound units shall apply unless the “M” designation of the product specification is specified in the order.

2. Referenced Documents

The following documents shall form a part of this specification to the extent specified. The latest issue shall apply unless otherwise specified.

2.1 ASTM Standards:

A 29/A 29M Specification for Steel Bars, Carbon and Alloy, Hot-Wrought and Cold-Finished, General Requirements for²

¹ This specification is under the jurisdiction of ASTM Committee A01 on Steel, Stainless Steel, and Related Alloys and is the direct responsibility of Subcommittee A01.22 on Steel Forgings and Wrought Fittings for Piping Applications and Bolting Materials for Piping and Special Purpose Applications.

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*A Summary of Changes section appears at the end of this standard.