



Designation: **A 960/A 960M – 034a**

## Standard Specification for Common Requirements for Wrought Steel Piping Fittings<sup>1</sup>

This standard is issued under the fixed designation A 960/A 960M; 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 wrought steel piping fittings covered in any of the following individual product specifications or any other ASTM specification that invokes this specification or portions thereof: **A 234/A 234M**

| <u>Title of Specification</u>                                                                                                                               | <u>ASTM<br/>Designation</u> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <del>Specification for Piping Fittings of Wrought<br/>—Carbon Steel and Alloy Steel for Moderate and<br/>—Elevated Temperatures</del>                       | <del>A 403/A 403M</del>     |
| <u>Specification for Piping Fittings of Wrought<br/>Carbon Steel and Alloy Steel for Moderate and<br/>Elevated Temperatures</u>                             | A 234/A 234M                |
| <del>Specification for Wrought Austenitic Stainless<br/>—Steel Piping Fittings</del>                                                                        | <del>A 420/A 420M</del>     |
| <u>Specification for Wrought Austenitic Stainless<br/>Steel Piping Fittings</u>                                                                             | A 403/A 403M                |
| <del>Specification for Piping Fittings of Wrought Carbon<br/>—Steel and Alloy Steel for Low-Temperature Service</del>                                       | <del>A 758/A 758M</del>     |
| <u>Specification for Piping Fittings of Wrought Carbon<br/>Steel and Alloy Steel for Low-Temperature Service</u>                                            | A 420/A 420M                |
| <del>Specification for Butt-Welding, Wrought Carbon<br/>—Steel, Piping Fittings with Improved Notch Toughness</del>                                         | <del>A 774/A 774M</del>     |
| <u>Specification for Butt-Welding, Wrought Carbon<br/>Steel, Piping Fittings with Improved Notch Toughness</u>                                              | A 758/A 758M                |
| <del>Specification for As-Welded Wrought Austenitic<br/>—Stainless Steel Fittings for General Corrosive<br/>—Service at Low and Moderate Temperatures</del> | <del>A 815/A 815M</del>     |
| <u>Specification for As-Welded Wrought Austenitic<br/>Stainless Steel Fittings for General Corrosive<br/>Service at Low and Moderate Temperatures</u>       | A 774/A 774M                |
| <del>Specification for Wrought Ferritic, Ferritic/Austenitic,<br/>—and Martensitic Stainless Steel Piping Fittings</del>                                    | <del>A 858/A 858M</del>     |
| <u>Specification for Wrought Ferritic, Ferritic/Austenitic,<br/>and Martensitic Stainless Steel Piping Fittings</u>                                         | A 815/A 815M                |
| <del>Specification for Heat-Treated Carbon Steel<br/>—Fittings for Low-Temperature and Corrosive Service</del>                                              | <del>A 860/A 860M</del>     |
| <u>Specification for Heat-Treated Carbon Steel<br/>Fittings for Low-Temperature and Corrosive Service</u>                                                   | A 858/A 858M                |
| <u>Specification for Wrought High-Strength<br/>Low-Alloy Steel Butt-Welded Fittings</u>                                                                     | A 860/A 860M                |

1.2 In case of conflict between a requirement of the individual product specification and a requirement of this general requirement specification, the requirements of the individual product specification shall prevail over those of this specification.

1.3 By mutual agreement between the purchaser and the supplier, additional requirements may be specified (see 4.1.7). The acceptance of any such additional requirements shall be dependent on negotiations with the supplier and must be included in the order as agreed upon by the purchaser and supplier.

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

<sup>1</sup> 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.

Current edition approved May 10, 2003<sup>4</sup>. Published ~~July 2003~~; May 2004. Originally approved in 1996. Last previous edition approved in 2002<sup>4</sup> as A 960–02<sup>a</sup><sub>4</sub>.

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