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ASME B16.28-1994

(REVISION OF ASME/ANSI B16.28-1986)

Wrought Steel Buttwelding Short Radius Elbows and Returns

AN AMERICAN NATIONAL STANDARD

The American Society of Mechanical Engineers

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The American Society of Mechanical Engineers

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FOREWORD

(This Foreword is not part of ASME B16.28-1994.)

In 1921, the American Engineering Standards Committee, later American Standards Association (ASA), organized Sectional Committee B16 to unify and further develop national standards for pipe flanges and fittings (and, later, for valves, gaskets, and valve actuators). Cosponsors of the B16 Committee were the American Society of Mechanical Engineers (ASME), the Heating and Piping Contractors National Association [now Mechanical Contractors Association of America (MCAA)], and the Manufacturers Standardization Society of the Valve and Fittings Industry (MSS). Cosponsors were later designated as cosecretariat organizations.

In 1959, recognizing the increasing use of short radius buttwelding fittings not covered by ASA B16.9-1958, MSS developed Standard Practice SP-59. In 1963, this Standard was submitted to Subcommittee 6 (now Subcommittee F), the B16 group responsible for welded fittings, for consideration as a candidate American Standard. Following approval by the Committee, cosponsors, and ASA, the standard was published as ASA B16.28-1964.

In 1969, review of the document indicated that no changes were necessary. After reorganization of ASA, first as the United States of America Standards Institute (USASI), then as the American National Standards Institute (ANSI), with the Sectional Committee being redesignated as an American National Standards Committee, the reaffirmation was approved and published as ANSI B16.28-1964 (R1972). Subcommittee F then began a major revision to bring the standard up to date with current practice and usage. Metric dimensional equivalents were also added. Following Standards Committee, cosecretariat, and ANSI approval, the revision was published as ANSI B16.28-1978.

In 1982, American National Standards Committee B16 was reorganized as an ASME Committee operating under procedures accredited by ANSI. In the 1986 edition, the text was revised and inch dimensions were established as the standard. Following approval by the Standards Committee and ASME, approval as an American National Standard was given by ANSI on November 12, 1986, with the new designation ASME/ANSI B16.28-1986.

Commencing in 1991, the subcommittee reviewed the document and made a number of revisions. The 80% factor used in the computed proof test pressure in earlier B16.28 editions was changed to 100% in this 1994 edition. After public review and approval by ASME, this edition was approved by ANSI on October 10, 1994.

Requests for interpretation or suggestions for revision should be sent to the Secretary, B16 Committee, The American Society of Mechanical Engineers, United Engineering Center, 345 East 47th Street, New York, NY 10017.

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Standardization of Valves, Flanges, Fittings, and Gaskets

(The following is the roster of the Committee at the time of approval of this Standard.)

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