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Substantive changes in this 2017 edition are “flagged” by parallel bars as shown on the margins of this paragraph. The specific detail of the change may be determined by comparing the material flagged with that in the previous edition.

Non-toleranced dimensions in this Standard Practice are nominal unless otherwise specified.

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MSS Standard Practices (SPs) related to or referenced in this publication:

- ANSI/MSS SP-25  *Standard Marking System for Valves, Fittings, Flanges, and Unions*
- MSS SP-151 *Pressure Testing of Knife Gate Valves*

American National Standards Published by MSS, an ANSI-accredited Standards Developer:

- ANSI/MSS SP-25  *Standard Marking System for Valves, Fittings, Flanges, and Unions*
- ANSI/MSS SP-44  *Steel Pipeline Flanges*
- ANSI/MSS SP-58  *Pipe Hangers and Supports – Materials, Design, Manufacture, Selection, Application, and Installation*
- ANSI/MSS SP-96  *Terminology for Valves, Fittings, and Their Related Components*
- ANSI/MSS SP-114  *Corrosion Resistant Pipe Fittings Threaded and Socket Welding Class 150 and 1000*
- ANSI/MSS SP-134  *Valves for Cryogenic Service, including Requirements for Body/Bonnet Extensions*
- ANSI/MSS SP-135  *High Pressure Knife Gate Valves*
- ANSI/MSS SP-138  *Quality Standard Practice for Oxygen Cleaning of Valves and Fittings*
- ANSI/MSS SP-144  *Pressure Seal Bonnet Valves*

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