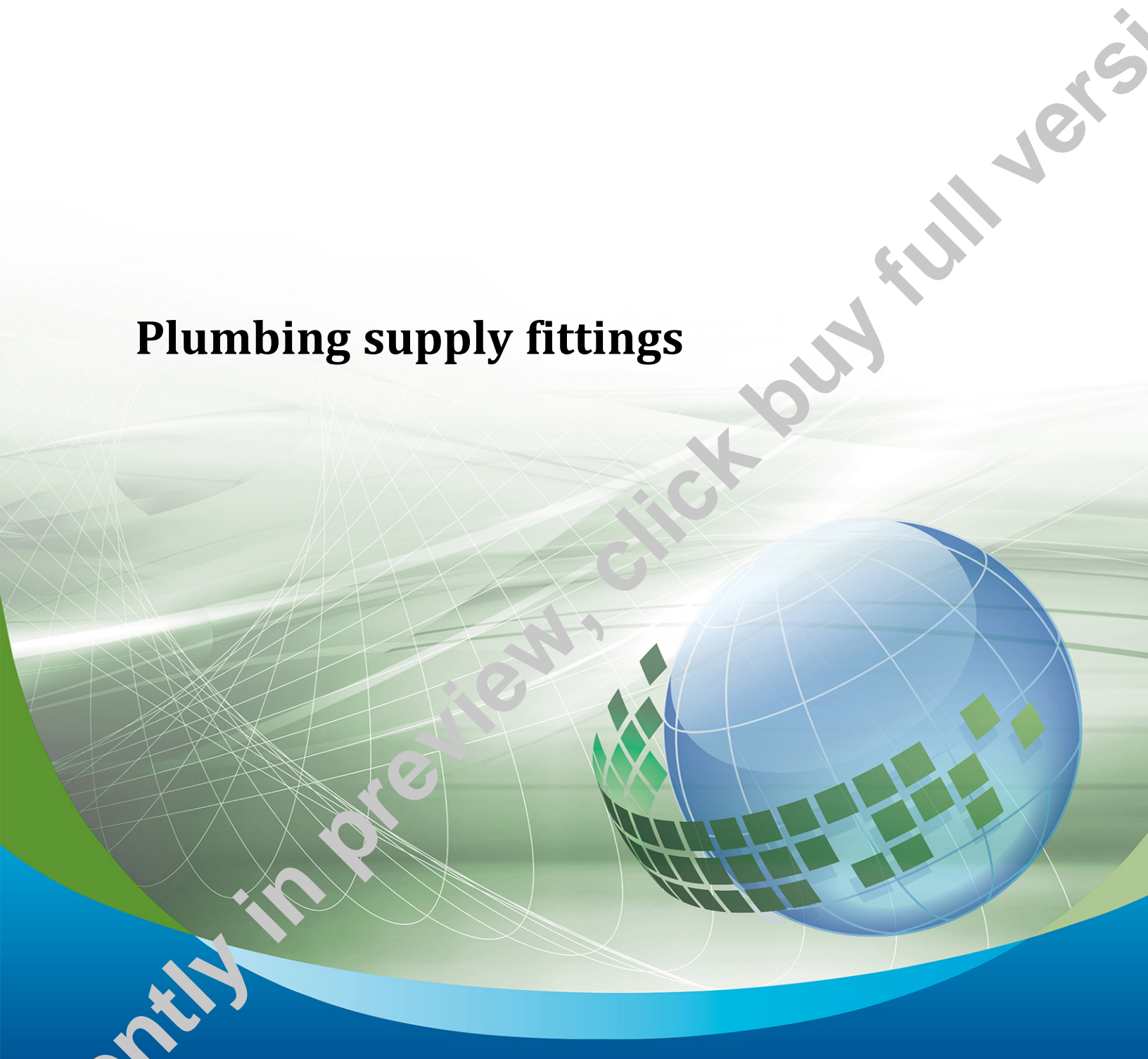


Plumbing supply fittings



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Preface

This is the fourth edition of ASME A112.18.1/CSA B125.1, *Plumbing supply fittings*. It supersedes the previous edition published in 2012.

Together with ASME A112.18.2/CSA B125.2, *Plumbing waste fittings*, CSA B125.3, *Plumbing fittings*, and ASME A112.18.6/CSA B125.6, *Flexible water connectors*, this Standard forms a series to cover plumbing fittings.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the ASME/CSA Joint Harmonization Task Group on Plumbing Fittings, under the jurisdiction of the ASME Standards Committee on Plumbing Materials and Equipment and the CSA Technical Committee on Plumbing Fittings. The CSA Technical Committee operates under the jurisdiction of the CSA Strategic Steering Committee on Construction and Civil Infrastructure. This Standard was approved as an American National Standard by the American National Standards Institute on June 22, 2018.

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- 1) Use of the singular does not exclude the plural (and vice versa) when the sense allows.
- 2) Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.
- 3) This publication was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this publication.
- 4) CSA Standards are subject to periodic review, and suggestions for their improvement will be referred to the appropriate committee.
- 5) All enquiries regarding this Standard, including requests for interpretation, should be addressed to Canadian Standards Association, 5060 Spectrum Way, Suite 100, Mississauga, Ontario, Canada L4W 5N6.

Requests for interpretation should

- a) define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;
- b) provide an explanation of circumstances surrounding the actual field condition; and
- c) be phrased where possible to permit a specific “yes” or “no” answer.

Committee interpretations are processed in accordance with the CSA Directives and guidelines governing standardization and are published in CSA’s periodical Info Update, which is available on the CSA Web site at www.csa.ca.

Attention is drawn to the possibility that some of the elements of this Standard may be the subject of patent rights. CSA is not to be held responsible for identifying any or all such patent rights. Users of this Standard are expressly advised that determination of the validity of any such patent rights is entirely their own responsibility.

ASME A112.18.1-2018/CSA B125.1-18

Plumbing supply fittings

1 Scope

1.1

This Standard covers plumbing supply fittings and accessories located between the supply stop and the terminal fitting, inclusive, as follows:

- a) automatic compensating valves for individual wall-mounted showering systems;
- b) bath and shower supply fittings;
- c) bidet supply fittings;
- d) clothes washer supply fittings;
- e) commercial pre-rinse spray valves;
- f) drinking fountain supply fittings;
- g) humidifier supply stops;
- h) kitchen, sink, and lavatory supply fittings;
- i) laundry tub supply fittings;
- j) lawn and sediment faucets;
- k) low-pressure water dispensers;
- l) metering and self-closing supply fittings;
- m) showerheads, hand-held showers, and body sprays; and
- n) supply stops.

1.2

This Standard does not cover

- a) plumbing waste fittings, which are covered by ASME A112.18.2/CSA B125.2;
- b) other devices (e.g., temperature-actuated in-line mixing valves), which are covered by CSA B125.3 or other plumbing product Standards; and
- c) flexible water connectors under continuous pressure, which are covered by ASME A112.18.6/CSA B125.6.

1.3

Except for push-fit fittings, this Standard does not cover pipes and tubes or pipe and tube fittings.

1.4

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; “may” is used to express an option or that which is permissible within the limits of the standard; and “can” is used to express possibility or capability.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.