

Plumbing fittings



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Technical Committee on Plumbing Fittings

K. Ernst	Oakville Stamping & Bending Limited, Oakville, Ontario	<i>Chair</i>
B. Lagueux	Saint-Nicolas, Québec <i>Consumer Representative</i>	<i>Vice-Chair</i>
W. Ball	Woodford Manufacturing Company, Colorado Springs, Colorado, USA	<i>Associate</i>
R. Beck	ICC Evaluation Service Inc., Birmingham, Alabama, USA	<i>Associate</i>
J. Bertrand	Moen Inc., North Olmsted, Ohio, USA	<i>Associate</i>
S. Breda	Breda & Associates Ltd., Toronto, Ontario	
C. Caruana	CSA International, Toronto, Ontario	<i>Associate</i>
S.L. Cavanaugh	Cavanaugh Consulting, Burbank, California, USA	
I.W. Chang	Intertek, Coquitlam, British Columbia	<i>Associate</i>
W. Chapin	Cash Acme, Cullman, Alabama, USA	<i>Associate</i>
M. Dennis	Moen Inc., Oakville, Ontario	
Y. Duchesne	Régie du bâtiment du Québec, Québec, Québec	
W. Falcomer	City of Ottawa, Ottawa, Ontario <i>Representing the Ontario Plumbing Inspectors Association</i>	
D. Green	National Research Council Canada, Ottawa, Ontario	
J.C. Gunn	John C. Gunn Consulting, Roches Point, Ontario	
L. Himmelblau	Chicago Faucet Company, Des Plaines, Illinois, USA	<i>Associate</i>

E. Ho	IAPMO Research & Testing, Inc., Ontario, California, USA	<i>Associate</i>
K.S. Hui	Ontario Ministry of Municipal Affairs and Housing, Toronto, Ontario	
A. Knapp	A. Knapp & Associates, Toronto, Ontario <i>Representing the Canadian Copper and Brass Development Association</i>	
J. Knapton	SAIT Polytechnic, Calgary, Alberta	
N.M. Kummerlen	Lorain, Ohio, USA	
F. Lemieux	Health Canada, Ottawa, Ontario	
S.E. Martin	Plumbing Manufacturers Institute, Davidson, North Carolina, USA	
D. McNamara	Franke Kindred Canada Limited, Midland, Ontario	<i>Associate</i>
S. O'Neill	Mohawk College, Stoney Creek, Ontario	
D. Orton	NSF International, Ann Arbor, Michigan, USA	<i>Associate</i>
P. Paré	Watts Industries (Canada) Inc., Burlington, Ontario	<i>Associate</i>
S. Rawalpindiwala	Kohler Co., Kohler, Wisconsin, USA	
S.A. Remedios	Delta Faucet Company, Indianapolis, Indiana, USA	
P. Saeed	Powers (a division of Watts Water Technologies, Inc.), Des Plaines, Illinois, USA	
C.W. Trendelman	Delta Faucet Company, Indianapolis, Indiana, USA	<i>Associate</i>
T. Wigle	Honeywell Water Solutions, Mississauga, Ontario	<i>Associate</i>
C. Wright	Ontario Pipe Trades, Dundalk, Ontario	
L. Pilla	Canadian Standards Association, Mississauga, Ontario	<i>Project Manager</i>

Preface

This is the second edition of CSA B125.3, *Plumbing fittings*. It supersedes the previous edition, published in 2005.

Together with ASME A112.18.1/CSA B125.1, *Plumbing supply fittings*, ASME A112.18.2/CSA B125.2, *Plumbing waste 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 Technical Committee on Plumbing Fittings, under the jurisdiction of the Strategic Steering Committee on Water Management Products, Materials, and Systems, and has been formally approved by the Technical Committee.

June 2011

Notes:

- (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.
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 - (a) Standard designation (number);
 - (b) relevant clause, table, and/or figure number;
 - (c) wording of the proposed change; and
 - (d) rationale for the change.

B125.3-11

Plumbing fittings

1 Scope

1.1

This Standard covers plumbing fittings, including the following:

- (a) anti-siphon fill valves;
- (b) automatic compensating valves other than those for individual wall-mounted showering systems;
- (c) flush valves;
- (d) flushometer valves and solenoid valves;
- (e) supply line stops;
- (f) temperature-actuated in-line mixing valves;
- (g) thermal expansion relief valves;
- (h) trap primers; and
- (i) water closet and urinal spuds.

1.2

This Standard does not cover the following plumbing supply fittings and accessories, which are covered by ASME A112.18.1/ CSA B125.1:

- (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) drinking fountain supply fittings;
- (f) humidifier supply stops;
- (g) kitchen, sink, and lavatory supply fittings;
- (h) laundry tub supply fittings;
- (i) lawn and sediment faucets;
- (j) metering and self-closing supply fittings; and
- (k) supply stops.

1.3

This Standard does not cover

- (a) plumbing waste fittings, which are covered by ASME A112.18.2/CSA B125.2;
- (b) flexible water connectors under continuous pressure, which are covered by ASME A112.18.6/CSA B125.6; and
- (c) 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. Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.