

AS 3517—1995

Australian Standard<sup>®</sup>

---

**Capillary fittings of copper and  
copper alloy for non-pressure  
sanitary plumbing applications**

---

This Australian Standard was prepared by Committee WS/2, Sanitary Plumbing Fittings. It was approved on behalf of the Council of Standards Australia on 4 July 1995 and published on 5 October 1995.

---

The following interests are represented on Committee WS/2:

A.C.T. Electricity and Water  
Australian Chamber of Commerce and Industry  
Brisbane City Council  
Department of Housing Local Government and Planning, Qld  
Hobart City Council  
Metal Trades Industry Association of Australia  
Public Works Department, N.S.W.  
South Australian Water Corporation  
Water Authority of Western Australia

---

**Review of Australian Standards.** *To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.*

*Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.*

*Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.*

---

*This Standard was issued in draft form for comment as DR 94322.*

AS 3517—1995

Australian Standard<sup>®</sup>

---

**Capillary fittings of copper and  
copper alloy for non-pressure  
sanitary plumbing applications**

---

PUBLISHED BY STANDARDS AUSTRALIA  
(STANDARDS ASSOCIATION OF AUSTRALIA)  
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 9969 3

## PREFACE

This Standard was prepared by the Standards Australia Committee WS/2 on Sanitary Plumbing Fittings to supersede AS 3517—1987.

This Standard covers cast, hot-pressed, shell-moulded, and tubular fittings with socket/spigot capillary connection ends.

The object of this Standard is to provide information to manufacturers on the basic designs and requirements for non-pressure fittings used in sanitary plumbing applications.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

### © Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

## CONTENTS

	<i>Page</i>
1 SCOPE .....	4
2 REFERENCED DOCUMENTS .....	4
3 DEFINITIONS .....	4
4 DESIGNATION OF SIZES .....	4
5 MARKING .....	4
6 DESIGN .....	5
7 MATERIALS .....	5
8 DIMENSIONS .....	5
9 PLATING AND OTHER SURFACE FINISHES .....	12
10 FREEDOM FROM DEFECTS .....	12
11 PERFORMANCE REQUIREMENTS .....	13
 APPENDICES	
A LIST OF REFERENCED DOCUMENTS .....	14
B METHODS OF SPECIFYING SIZES AND TYPES OF FITTINGS .....	15
C TYPICAL RANGE OF FITTINGS .....	16
D TORQUE TEST .....	17
E AIR/VACUUM TEST .....	19
F PRESSURE TEST .....	21

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-