Dup

Superseded by AS 1718-1992

This is a free page sample. Access the full version online.

Australia 1788-1988 ©

Standards Association of Australia

Australian Standard®
1718—1988

WATER SUPPLY—COPPER ALLOY SCREW-DOWN PATTERN TAPS—SPECIFIED BY DIMENSIONS

F

STANDARDS AUSTRALIA
- 9 JAN 1989
SYDNEY INFO. CENTRE

This is a free page sample. Access the full version online.

This Australian Standard was prepared by Committee WS/1, Brass Water Fittings. It was approved on behalf of the Council of the Standards Association of Australia on 30 September 1988 and published on 12 December 1988.

The following interests are represented on Committee WS/1:

Austap

Australian Design and Technology Association

Australian Valve Manufacturers Association

Brisbane City Council

Confederation of Australian Industry

Department of Local Government, Qld

Department of Public Works, N.S.W.

Engineering and Water Supply Department, S.A.

Federated Master Plumbers of Australia

Hobart City Council

Hunter District Water Board

Institute of Plumbing, Australia

Master Plumbers Association of South Australia

Melbourne and Metropolitan Board of Works

Metal Trades Industry Association of Australia

Water Authority of Western Australia

Water Board, Sydney

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 SAA publications will be found in the Catalogue of SAA Publications; this information is supplemented each month by SAA's journal '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which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.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 the Association, 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 85362.

This is a free page sample. Access the full version online.

AUSTRALIAN STANDARD

WATER SUPPLY— COPPER ALLOY SCREW-DOWN PATTERN TAPS— SPECIFIED BY DIMENSIONS

AS 1718—1988

First published in part as AS B1—1928.
Revised and redesignated AS B35—1931.
Second edition—1965.
Third edition—1969.
Revised and redesignated AS 1718—1975.
Second edition—1988.

PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
STANDARDS HOUSE, 80 ARTHUR ST, NORTH SYDNEY, N.S.W.

ISBN 0 7262 5259 X

This is a free page sample. Access the full version online.

PREFACE

This Standard was prepared by the Association's Committee on Brass Water Fittings, to supersede (in part) AS 1718—1975, *Copper alloy draw-off taps, stop taps, and ferrule or main taps for use in water supply and hot water services.*

This Standard covers taps that are specified by dimension. Taps that are specified by performance are covered in a separate Standard.

This Standard maintains the essential features of Sections 1 and 2 of AS 1718—1975, but requirements have been altered to make this Standard suitable for the scheme for independent assurance provided by the Association.

This Standard applies to copper alloy draw-off taps, stop taps, ferrule taps, and main taps for use in hot and cold water applications where the continuous working pressure does not exceed 1.4 MPa. (AS 1718—1975 applies to non-shock working pressures not exceeding 1.7 MPa.)

The purpose of this Standard is to specify those taps that are currently being manufactured in accordance with Sections 1 and 2 of AS 1718—1975 as distinct from providing a basis for new designs of taps. It is envisaged that new tap designs will be incorporated in AS 3718.

© Copyright — STANDARDS ASSOCIATION OF AUSTRALIA

Users of Standards are reminded that copyright subsists in all SAA publications and software. Except where the Copyright Act allows and except where provided for below no SAA publications or software may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from the Standards Association of 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 the Association.

SAA 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 SAA.

SAA 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 SAA at any time.

This is a free page sample. Access the full version online.

CONTENTS

		Page
SECTION 1. SCOPE AND GENERAL		
1.1	SCOPE	4
1.2	REFERENCED DOCUMENTS	4
1.3	DEFINITIONS	4
1.4	DESIGNATION OF NOMINAL SIZE	5
SECTION 2. MATERIALS		
2.1	SCOPE OF SECTION	6
2.2	COPPER	6
2.3	COPPER ALLOY	6
2.4	DEZINCIFICATION-RESISTANT COPPER ALLOY	6
2.5	STAINLESS STEEL	6
2.6	OTHER MATERIALS	6
2.7	CORROSION-RESISTANT MATERIALS	6
2.8	USE OF MATERIALS	6
2.9	EFFECT ON WATER	6
SECTION 3. DESIGN AND MANUFACTURE		
3.1	SCOPE OF SECTION	8
3.2	END CONNECTORS	8
3.3	INTERCHANGEABILITY OF PARTS	8
3.4	SPINDLES	8
3.5	FERRULE STOP TAPS AND FOOTPATH STOP TAPS	8
3.6	SCREW THREADS	8
3.7	VALVE SEATING	8
3.8	JUMPER VALVES	9
3.9	THICKNESS OF METAL PARTS	9
3.10	FABRICATED FITTINGS	9
3.11	FREE WATER OUTLETS	9
3.12	HANDLES	9
3.13	COVERS	9
3.14	METAL AND OTHER SURFACE FINISHES	9
3.15	WORKMANSHIP AND FINISH	9
3.16	DIMENSIONS	11
SECTION 4. PERFORMANCE REQUIREMENTS		
4.1	WATERTIGHTNESS	25
4.2	FLOW CAPABILITY	25
4.3	STRENGTH OF HANDLE ATTACHMENT	25
4.4	RESISTANCE OF HANDLE TO REMOVAL	25
4.5	STRENGTH OF FABRICATED JOINTS	25
SECTION 5. MARKING		
5.1	SPACE FOR MARK OF CERTIFYING BODY	25
5.2	MARKING REQUIREMENTS	25
APPENDICES		
A	METHODS FOR DETERMINATION OF WATERTIGHTNESS	26
B	METHOD FOR DETERMINATION OF FLOW CAPABILITY OF TAPS	28
C	METHODS FOR MEASURING DIMENSIONS OF TAPS	30
D	METHOD FOR TORQUE TEST ON HANDLE AND HANDLE ATTACHMENT	31
E	METHOD FOR TORQUE TEST ON FABRICATED FITTINGS	32
F	LIST OF REFERENCED DOCUMENTS	33

SAI GLOBAL

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