

LOAN COPY
INFORMATION CENTRE
STANDARDS AUSTRALIA

DUP

Under Revision See DR 96148

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

SUPERSEDED BY:

AS/NZS 3718:1997

AS 3718—1992

Australian Standard®

**Water supply—Metal-bodied taps—
Specified by performance**



STANDARDS AUSTRALIA 

This Australian Standard was prepared by Committee WS/1, Water Fittings. It was approved on behalf of the Council of Standards Australia on 2 June 1992 and published on 17 August 1992.

The following interests are represented on Committee WS/1:

AUSTAP

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 Water Board, N.S.W.

Institute of Plumbing, Australia

Master Plumbers Association of South Australia

Melbourne Water

Metal Trades Industry Association of Australia

Water Authority of Western Australia

Water Board, Sydney-Illawarra-Blue Mountains

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which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.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.

AS 3718—1992

Australian Standard®

**Water supply—Metal-bodied taps—
Specified by performance**

First published as part of AS 1718—1975.
Revised and redesignated in part as AS 3718—1988.
Second edition 1990.
Third edition 1992.

PREFACE

This Standard was prepared by the Standards Australia Committee on Water Fittings, to supersede AS 3718—1990 and covers taps that are specified by performance. Taps that are specified by dimension are covered in AS 1718.

This edition includes amendments and additions arising from industry requirements.

© 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

Page

SECTION 1 SCOPE AND GENERAL

1.1	SCOPE	5
1.2	REFERENCED DOCUMENTS	5
1.3	DEFINITIONS	5
1.4	DESIGNATION OF NOMINAL SIZE	5
1.5	MARKING	5

SECTION 2 MATERIALS

2.1	SCOPE OF SECTION	7
2.2	COPPER	7
2.3	COPPER ALLOY	7
2.4	DEZINCIFICATION-RESISTANT COPPER ALLOY	7
2.5	STAINLESS STEEL	7
2.6	OTHER MATERIALS	7
2.7	CORROSION-RESISTANT METALLIC MATERIALS	8
2.8	USE OF MATERIALS	8
2.9	CONTAMINATION OF WATER	8

SECTION 3 DESIGN AND MANUFACTURE

3.1	SCOPE OF SECTION	9
3.2	END CONNECTORS	9
3.3	INTERCHANGEABILITY OF PARTS	9
3.4	SPINDLES	9
3.5	FERRULE STOP TAPS AND FOOTPATH STOP TAPS	9
3.6	SCREW THREADS	9
3.7	WATER SHUT-OFF DEVICE	10
3.8	JUMPER VALVE	10
3.9	THICKNESS OF METAL PARTS	10
3.10	FABRICATED FITTINGS	10
3.11	OUTLETS	10
3.12	HANDLES	10
3.13	COVERS	11
3.14	BACK NUTS	11
3.15	TAPSET BREACHING PIECE ASSEMBLIES	11
3.16	METAL AND OTHER SURFACE FINISHES	11
3.17	FINISH	11
3.18	DIMENSIONS	11

SECTION 4 PERFORMANCE REQUIREMENTS

4.1	GENERAL	16
4.2	FLOW CAPABILITY	16
4.3	WATERTIGHTNESS	16
4.4	STRENGTH OF HANDLE ATTACHMENT	16
4.5	RESISTANCE OF HANDLE TO REMOVAL	16
4.6	STRENGTH OF FABRICATED JOINTS	16
4.7	STRENGTH OF HEAD TO BODY	16
4.8	STRENGTH OF OPERATING MECHANISM	16
4.9	STRENGTH OF TAP ASSEMBLY	16
4.10	ENDURANCE ABILITY	16
4.11	STRENGTH OF BUTTON-OPERATED AND FOOT-OPERATED TAPS	16
4.12	STRENGTH OF BACK NUTS	16

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
-