

Australian/New Zealand Standard™

Water supply—Tap ware

AS/NZS 3718:2003

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS-001, Water Fittings. It was approved on behalf of the Council of Standards Australia on 9 April 2003 and on behalf of the Council of Standards New Zealand on 24 June 2003. It was published on 4 July 2003.

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PREFACE

This Standard was prepared by the Joint Australia/New Zealand Standards Committee WS-001, Water Fittings, to supersede AS 1718—1992, *Water supply—Copper alloy screw-down pattern taps—Specified by dimensions* AS/NZS 3718:1997, *Water supply—Metal-bodied taps—Specified by performance*, and AS 3496—1999, *Metal-bodied and plastic-bodied taps* and MP 52—2001, *Manual of authorization procedures for plumbing and drainage products*, Specifications 023, 024,036 and 038 covering taps that are specified by performance.

The objective of this revision is to issue it as a Joint Australian/New Zealand Standard and incorporate amendments and additions arising from regulatory and industry requirements and includes testing and inspection required for certification.

The scope of this Standard has been increased to include criteria for electronic sensor taps and timed flow taps.

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.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard.

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Water supply—Tap ware

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for metallic taps, plastic taps, mixing taps, sensor taps, lever taps, time/flow taps, mixing taps mechanical (non-thermostatic), and tap sets in a range of nominal sizes from DN 6 to DN 50 generally for continuous operating temperatures not exceeding 80°C. Products designed for other temperature ranges are included where tested to the appropriate temperature criteria.

The Standard also specifies additional requirements for outlets that are an integral part of a tap or mixing tap and the requirements for tapset breaching piece assemblies.

Means for demonstrating compliance with this Standard are given in Appendix A.

NOTE: Certification under MP 52 is mandatory in Australia but not in New Zealand.

1.2 APPLICATION

Taps with integral backflow-prevention devices shall also comply with the backflow performance provisions of AS 2845.1.

1.3 REFERENCED DOCUMENTS

A list of the documents referred to in this Standard is given in Appendix B.

1.4 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 3500.0 and those below apply.

1.4.1 Back Nuts

A nut that retains a surface-mounted tap ware.

1.4.2 Certificate of compliance

A statement/declaration that a product and/or service complies with stated requirements.

1.4.3 Distortion

A flaw that is obvious to the eye without resorting to dimensional checking.

1.4.4 Fabricated assembly

Joining of two or more components in the manufacturing process, which is intended as a permanent joint.

1.4.5 Flow-regulating tap

A tap primarily designed to regulate the flow rate so as to maintain a constant flow rate for a given pressure and a given opening of the tap.