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## AS 3688-2005 Water supply - Metallic fittings and end connectors

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### Abbreviation

AS 3688-2005

### Amendment

AS 3688-2005/Amdt 1-2006

### Valid from

04/08/2005

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### Information provider

SAI Global

### Author

Standards Australia

### Information type

Australian Standard

### Format

PDF

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### Cited By

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### Description

This Standard specifies requirements for metallic body pipe fittings and connectors for use with copper tubes and stainless steel pipes and tubes and adaptor fittings for connection to other pipe materials in water supply and gas systems where the normal working temperature does not exceed 95C, and where the maximum operating pressure does not exceed 1.4 MPa.

### Scope

Products designed for a temperature in excess of 95C are included where tested to the appropriate temperature criteria.

### NOTES:

1. For fittings used for gas applications, see AS 5601.
2. Illustrations used in this Standard are diagrammatic only and have been chosen without prejudice.

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## AS 3688-2005 Water supply - Metallic fittings and end connectors

This document is CITED BY:

- [G10/AS1 \(First Edition, Amendment 8\)](#)

AS 3688-2005 is cited by Acceptable Solution G10/AS1: Piped Services from 30/09/2010

- [G10/AS1 \(First Edition, Amendment 7\)](#)

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- [AS 1357.1-2009](#)

AS 3688-2005 is cited by AS 1357.1-2009 Valves primarily for use in heated water systems - Part 1: Protection valves

- [AS 1357.2-2005](#)

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- [AS/NZS 2642.3:2008](#)

AS 3688-2005 is cited by AS/NZS 2642.3:2008 Polybutylene pipe systems - Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications

- [AS/NZS 2845.1:2010](#)

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- [AS/NZS 3500.1:2015](#)

AS 3688-2005 is cited by AS/NZS 3500.1:2015 Plumbing and drainage - Part 1: Water services

- [AS/NZS 3500.2:2015](#)

AS 3688-2005 is cited by AS/NZS 3500.2:2015 Plumbing and drainage - Part 2: Sanitary plumbing and drainage

- [AS/NZS 3500.4:2015](#)

AS 3688-2005 is cited by AS/NZS 3500.4:2015 Plumbing and drainage - Heated water services

- [AS/NZS 4129:2008](#)

AS 3688-2005 is cited by AS/NZS 4129:2008 Fittings for polyethylene (PE) pipes for pressure applications

- [AS/NZS 5601.1:2010](#)

AS 3688-2005 is cited by AS/NZS 5601.1:2010 Gas installations - Part 1: General installations

- [AS/NZS 5601.1:2013](#)

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## AS 3688-2005 Water supply - Metallic fittings and end connectors

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This Standard specifies requirements for metallic body pipe fittings and connectors for use with copper tubes and stainless steel pipes and tubes and adaptor fittings for connection to other pipe materials in water supply and gas systems where the normal working temperature does not exceed 95C, and where the maximum operating pressure does not exceed 1.4 MPa.

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This document CITES:

### New Zealand Standards

- [AS/NZS 1167.1:2005](#)

AS 3688-2005 cites AS/NZS 1167.1:2005 Welding and brazing - Filler metals - Filler metal for brazing and braze welding

- [AS/NZS 1567:1997](#)

AS 3688-2005 cites AS/NZS 1567:1997 Copper and copper alloys - Wrought rods, bars and sections

- [AS/NZS 1568:1998](#)

AS 3688-2005 cites AS/NZS 1568:1998 Copper and copper alloys - Forging stock and forgings

- [AS/NZS 3500.0:2003](#)

AS 3688-2005 cites AS/NZS 3500.0:2003 Plumbing and drainage - Glossary of terms

- [AS/NZS 3500.1:2003](#)

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- [AS/NZS 3500.4:2003](#)

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- [AS/NZS 3707:2001](#)

AS 3688-2005 cites AS/NZS 3707:2001 (R2017) Method for testing pressure cycling resistance of pipes and fittings

- [AS/NZS 4020:2002](#)

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- [NZS/BS 1400:1985](#)

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#### Australian Standards

- [AS 1349-1986](#)

AS 3688-2005 cites AS 1349-1986 (R2018) Bourdon tube pressure and vacuum gauges

- [AS 1432-2004](#)

AS 3688-2005 cites AS 1432-2004 Copper tubes for plumbing, gasfitting and drainage applications

- [AS 1565-1996](#)

AS 3688-2005 cites AS 1565-1996 Copper and copper alloys - Ingots and castings

- [AS 1572-1998](#)

AS 3688-2005 cites AS 1572-1998 (R2018) Copper and copper alloys - Seamless tubes for engineering purposes

- [AS 1646.1-2000](#)

AS 3688-2005 cites AS 1646.1-2000 Elastomeric seals for waterworks purposes - General requirements

- [AS 1646.2-2000](#)

AS 3688-2005 cites AS 1646.2-2000 Elastomeric seals for waterworks purposes Material requirements for pipe joint seals used in water and wastewater applications - Specifies by prescription formulation

- [AS 1646.3-2000](#)

AS 3688-2005 cites AS 1646.3-2000 Elastomeric seals for waterworks purposes - Material requirements for pipe joints seals used in water and wastewater applications with the exception of natural rubber and polyisoprene compounds

- [AS 1722.1-1975](#)

AS 3688-2005 cites AS 1722.1-1975 Pipe threads of Whitworth form - Part 1: Sealing pipe threads (metric units)

- [AS 1722.2-1992](#)

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- [AS 1831-2002](#)

AS 3688-2005 cites AS 1831-2002 Ductile cast iron

- [AS 1834.1-1991](#)

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- [AS 2136-1977](#)

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- [AS 2345-1992](#)

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- [AS 2738-2000](#)

AS 3688-2005 cites AS 2738-2000 (R2018) Copper and copper alloys - Compositions and designations of refinery

products, wrought products, ingots and castings

- [AS 2831-1985](#)

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- [AS 5601-2004](#)

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Other

- [ASME B36.19M:2004](#)

AS 3688-2005 cites ASME B36.19M:2004 (R2015) Stainless Steel Pipe

- [ASTM A183-03](#)

AS 3688-2005 cites ASTM A183-03 Standard Specification for Carbon Steel Track Bolts and Nuts

- [ASTM A269-04](#)

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- [ASTM A313 / A313M - 03](#)

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- [ASTM A351/A351M-03](#)

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- [ASTM A395 / A395M - 99](#)

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- [ASTM A743 / A743M - 06](#)

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- [BS EN 10312:2002](#)

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- [ISO 7-1:1994](#)

AS 3688-2005 cites ISO 7-1:1994 Dimensions, tolerances and designation

Back

Close

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