

Australian Standard<sup>®</sup>

**Plumbing and drainage products**

**Part 007: Metal-bodied water hammer  
arresters**



This Australian Standard® was prepared by Committee WS-001, Water Fittings. It was approved on behalf of the Council of Standards Australia on 2 April 2008. This Standard was published on 30 June 2008.

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The following are represented on Committee WS-001:

- AUSTAP
  - Australian Industry Group
  - Australian Stainless Steel Development Association
  - Building Officials Institute of New Zealand
  - Certification Interests (Australia)
  - Copper Development Centre—Australia
  - Master Plumbers Association of NSW
  - Master Plumbers, Gasfitters and Drainlayers New Zealand
  - New Zealand Association of Plumbing Distributors
  - Plastics Industry Pipe Association of Australia
  - Plastics New Zealand
  - Queensland Brassware Industry Advisory Panel
  - South Australian Water Corporation
  - Testing Interests (Australia)
  - Water Corporation Western Australia
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This Standard was issued in draft form for comment as DR 07138.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-001, Water Fittings, to supersede ATS 5200.007—2004, *Technical Specification for plumbing and drainage products, Part 007: Water hammer arresters*.

The objective of this Australian Standard is to enable product certification in accordance with the requirements of the Plumbing Code of Australia (PCA).

The word 'VOID' set against a clause indicates that the clause is not used in this Standard. The inclusion of this word allows for the use of a common clause numbering system for the Plumbing and drainage specifications.

The test protocol and information in this Standard was arranged by committee members to meet the authorization requirements given in the Plumbing Code of Australia.

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

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of the Standard.

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## STANDARDS AUSTRALIA

**Australian Standard**  
**Plumbing and drainage products****Part 007: Metal-bodied water hammer arresters****1 SCOPE**

This Standard sets out requirements and test methods for metal-bodied water hammer arresters of DN 15 to DN 50 sizes for heated (up to 80°C) and cold-water applications and supply pressures up to 1.2 MPa.

**2 APPLICATION**

Appendix A sets out the means by which compliance with this Standard shall be demonstrated by a manufacturer for the purpose of product certification.

**3 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

## AS

- |        |   |
|--------|---|
| 1167   | Welding and brazing—Filler metals   |
| 1167.1 | Part 1: Filler metal for brazing and brazing welding  |
| 1349   | Bourdon tube pressure and vacuum gauges   |
| 1565   | Copper and copper alloys—Ingots and castings  |
| 1572   | Copper and copper alloys—Seamless tubes for engineering purposes  |
| 1834   | Material for soldering  |
| 1834.1 | Part 1: Solder alloys   |
| 2136   | Method for detecting the susceptibility of copper and its alloys to stress corrosion cracking, using the mercurous nitrate test |
| 2345   | Dezincification resistance of copper alloys   |
| 2738   | Copper and copper alloys—Compositions and designations of refinery products, wrought products, ingots and castings              |
| 3688   | Water supply—Metallic fittings and end connectors   |
- AS/NZS
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|--------|--|
| 1567   | Copper and copper alloys—Wrought rods, bars and sections   |
| 1568   | Copper and copper alloys—Forging stock and forgings        |
| 3500   | Plumbing and drainage                                      |
| 3500.0 | Part 0: Glossary of terms                                  |
| 3718   | Water supply—Tap ware                                      |
| 4020   | Testing of products for use in contact with drinking water |