

Australian Standard[®]

Short-link chain for lifting purposes



This Australian Standard® was prepared by Committee ME-025, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 18 May 2006. This Standard was published on 8 November 2006.

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- Australian Business
 - Australian Chamber of Commerce and Industry
 - Australian Forging Group
 - Australian Industry Group
 - Australian Maritime Safety Authority
 - Crane Industry Council of Australia
 - Department of Defence (Australia)
 - Engineers Australia
 - Institute of Quarrying Australia
 - National Association of Testing Authorities Australia
 - Victorian WorkCover Authority
 - WorkCover New South Wales
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Short-link chain for lifting purposes

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-025, Lifting Tackle, to supersede AS 2321—2001, *Short-link chain for lifting purposes (non-calibrated)*.

This edition includes the following changes from the previous edition:

- (a) Deletion of the term ‘statutory authority’.
- (b) Revision to the gauge lengths and methods of testing.
- (c) Revision to link tolerances and chain marking.
- (d) Deletion of information on instruments for measuring the diameter of chain material.

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

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.

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STANDARDS AUSTRALIA

Australian Standard
Short-link chain for lifting purposes

1 SCOPE

This Standard specifies requirements for non-calibrated short-link chain for lifting purposes, which are manufactured from electrically welded round-steel short links.

NOTES:

- 1 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 2 Guidance on care and use of chain is given in Appendix B.
- 3 Standards for components that are used in lifting systems are listed in Appendix C.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|----------|---|
| 1199 | Sampling procedures for inspection by attributes |
| 1199.0 | Part 0: Introduction to the ISO 2859 attribute sampling system |
| 1199.0 | Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection |
| 1418 | Cranes, hoists and winches |
| 1418.1 | Part 1: General requirements |
| 1442 | Carbon steels and carbon-manganese steels—Hot-rolled bars and semifinished products |
| 1444 | Wrought alloy steels—Standard, hardenability (H) series and hardened and tempered to designated mechanical properties |
| 1627 | Metal finishing—Preparation and pretreatment of surfaces |
| 1627.6 | Part 6: Chemical conversion treatment of metals |
| 1789 | Electroplated zinc (electrogalvanized) coatings on ferrous article (batch process) |
| 2193 | Calibration and classification of force-measuring systems |
| AS/NZS | |
| 4680 | Hot-dip galvanized (zinc) coatings on fabricated ferrous articles |
| ISO | |
| ISO 9000 | Quality management systems—Fundamentals and vocabulary |
| ISO 9004 | Quality management systems—Guidelines for performance improvements |
| HB | |
| 18 | Guidelines for third party certification and accreditation |
| 18.28 | Guide 28: General rules for a model third-party certification system for products |