

Australian Standard™

Short-link chain for lifting purposes



S t a n d a r d s Australia

This Australian Standard was prepared by Committee ME-025, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 22 June 2001 and published on 1 August 2001.

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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—1979, *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.

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, 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 and tables for inspection by attributes |
| 1399 | Guide to AS 1199—Sampling procedures and tables for inspection by attributes |
| 1418 | Cranes (including 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 coatings—Zinc on iron or steel |
| 2193 | Methods for calibration and grading of force-measuring systems of testing machines |

AS/NZS

- | | |
|----------|---|
| 4680 | Hot-dip galvanized (zinc) coatings on fabricated ferrous articles |
| ISO 9000 | Quality management systems — Fundamentals and vocabulary |
| ISO 9004 | Quality management systems — Guidelines for performance improvements |
| HB | [Standards Australia Handbook] |
| 18 | Guidelines for third-party certification and accreditation |
| 18.28 | Guide 28: General rules for a model third-party certification system for products |

3 DEFINITIONS

For the purpose of this Standard, the definitions below apply:

3.1 Barrel

The straight side of a link, which may include the weld zone adjoining the curved ends.