

Australian Standard[®]

Thimbles for wire rope

STANDARDS
Australia



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 - Australian Maritime Safety Authority
 - Crane Industry Council of Australia
 - Department of Defence (Australia)
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 - Institute of Quarrying Australia
 - National Association of Testing Authorities Australia
 - Victorian WorkCover Authority
 - WorkCover New South Wales
-

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Thimbles for wire rope

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PREFACE

This Standard was prepared by the Standards Australia Committee, ME-025, Lifting Tackle, to supersede AS 1138—1992.

This Standard covers thimbles that are used with wire rope (these types can also be used with fibre rope).

Cognizance was taken of BS EN 13411-1, *Terminations for steel wire ropes, Part 1: Thimbles for steel wire rope slings*, in the development of this Standard, particularly in relation to testing.

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

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1 SCOPE

This Standard specifies requirements for thimbles that are suitable for use with Grade 1770 galvanized or ungalvanized, round strand, equal lay, 6 × 36 or 6 × 19 construction groups Seale-Warrington + IWRC steel wire ropes.

Thimbles suitable or higher capacity wire ropes are included.

NOTES:

- 1 This Standard does not prevent the use of these or other types of thimble with fibre rope.
- 2 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 3 Standards for components that are used in lifting systems are listed in Appendix B.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1190	Sampling procedures for inspection by attributes
1199.0	Part 0: Introduction to the ISO 2859 attribute sampling system
1199.1	Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
1442	Carbon steels and carbon-manganese steels—Hot-rolled bars and semi-finished products
1443	Carbon steels and carbon-manganese steels—Cold-finished bars
1444	Wrought alloy steels—Standard, hardenability (H) series and hardened and tempered to designated mechanical properties
1446	Carbon steels and carbon-manganese steels—Hot-rolled slab, plate and strip based on chemical composition
1448	Carbon steels and carbon-manganese steels—Forgings (ruling section 300 mm maximum)
1627	Metal finishing—Preparation and pre-treatment of surfaces
1627.0	Part 0: Method selection guide
1627.6	Part 6: Chemical conversion treatment of metals
1629	Electroplated zinc (electrogalvanized) coatings on ferrous articles (batch process)
1831	Iron castings—Spheroidal or nodular graphite cast iron (all parts, as applicable)
2074	Cast steels
2193	Calibration and classification of force-measuring systems
3569	Steel wire ropes