

Australian Standard<sup>®</sup>

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**Flat synthetic-webbing slings**

**Part 1: Product specification**

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This Australian Standard was prepared by Committee ME/25, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 8 August 1997 and published on 5 December 1997.

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Australian Maritime Safety Authority  
Department of Defence  
Institution of Engineers, Australia  
Metal Trades Industry Association of Australia  
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Incorporating:  
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## PREFACE

This Standard was prepared by the Standards Australia Committee ME/25, Lifting Tackle, to supersede AS 1353.1—1990.

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.

This edition includes the following changes:

- (a) References to and the definitions of 'statutory authority' and 'soft eye' have been deleted.
- (b) Clause 5.4.1 no longer recommends widths for webbing.
- (c) Clauses 5.2, 5.3 and 5.10 have been added.
- (d) The colours of a sling to identify its WLL (as specified by Clause 7.1 for 4 t and not less than 10 t have been reversed, to align with the latest overseas practice.
- (e) In Appendix B, the requirements for the rate of application of test force have been deleted.

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STANDARDS AUSTRALIA

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**Australian Standard**

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**Part 1: Product specification**

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**1 SCOPE** This Standard specifies requirements for flat synthetic-webbing slings that are intended for lifting purposes.

This Standard does not apply to slings that have been repaired.

**NOTES:**

- 1 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 2 Recommendations for the care and use of flat synthetic-webbing slings are given in AS 1353.2.

**2 REFERENCED DOCUMENTS** The following documents are referred to in this Standard:

**AS**

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|--------|--|
| 1199   | Sampling procedures and tables for inspection by attributes                        |
| 1353   | Flat synthetic-webbing slings  |
| 1353.2 | Part 2: Care and use   |
| 1399   | Guide to AS 1199—Sampling procedures and tables for inspection by attributes       |
| 2193   | Methods for calibration and grading of force-measuring systems of testing machines |
| 3585   | End fittings for flat webbing slings   |
| 3776   | Lifting components for Grade T chain slings  |

**AS/NZS**

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|------------|--|
| ISO 9000   | Quality management and quality assurance standards |
| ISO 9000.1 | Part 1: Guidelines for selection and use           |
| ISO 9004   | Quality management and quality system elements     |
| ISO 9004.1 | Part 1: Guidelines                                 |

**SAA**

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|---------|--|
| HB18    | Guidelines for third-party certification and accreditation                       |
| HB18.28 | Guide 28—General rules for a model third-party certification scheme for products |

**3 DEFINITIONS** For the purpose of this Standard, the definitions below apply.

**3.1 Competent person**—a person having practical and theoretical knowledge and relevant experience, sufficient to enable that person to detect and evaluate any defects and any weaknesses that may affect the intended performance of the equipment.

**3.2 Constructions of slings**

**3.2.1 Endless sling**—a sling consisting of a webbing having its ends sewn to each other (see Figures 1(a) and 1(b)).