

Australian Standard<sup>®</sup>

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**End fittings for flat-webbing slings**

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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 15 February 1990 and published on 4 June 1990.

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Australian Chamber of Manufactures  
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Department of Industrial Relations and Employment, N.S.W.  
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AS 3585—1990

Australian Standard<sup>®</sup>

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Previously published as AS 3585—1990.

PUBLISHED BY STANDARDS AUSTRALIA  
(STANDARDS ASSOCIATION OF AUSTRALIA)  
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 5250 6

## PREFACE

This Standard was prepared by the Standards Australia Committee on Lifting Tackle.

It is one of a series of Standards for components that are used in lifting systems. Standards for other components are listed below.

AS

- 1138 Thimbles for use with wire rope or fibre (natural or synthetic) rope
- 1353 Flat synthetic-webbing slings
- 1353.1 Part 1: Product specification
- 1353.2 Part 2: Care and use
- 1380 Fibre-rope slings (of natural or synthetic rope)
- 1438 Wire-coil flat slings
- 1504 Fibre rope—Three-strand, hawser laid
- 1666 Wire-rope slings
- 1752 Fibre rope—Eight-strand plaited
- 2076 Wire rope grips
- 2089 Sheave blocks (including ships' cargo blocks) of maximum lift 60 t
- 2317 Collared eyebolts
- 2318 Swivels for hoists
- 2319 Rigging screws and turnbuckles
- 2321 Short-link chain for lifting purposes (non-calibrated)
- 2740 Wedge-type sockets
- 2741 Shackles
- 2759 Steel wire rope—Application guide
- 2841 Galvanized steel wire strand
- 3569 Steel wire ropes
- 3775 Chain slings—Grade T
- 3776 Lifting components for Grade T chain slings
- 3777 Shank hooks and large-eye hooks—Maximum 25 t
- B291 Lifting rings and links

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STANDARDS AUSTRALIA

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**Australian Standard**

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**End fittings for flat-webbing slings**

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**1 SCOPE.** This Standard specifies requirements for metal end fittings that may be attached to the ends of flat synthetic webbing to form slings complying with AS 1353.1.

NOTE: Guidance on information that should be supplied with enquiries and orders is given in Appendix A.

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

AS	
1065	Non-destructive testing—Ultrasonic testing of carbon and low alloy steel forgings
1171	Methods for magnetic particle testing of ferromagnetic products and components
1199	Sampling procedures and tables for inspection by attributes
1204	Structural steels—Ordinary weldable grades
1353	Flat synthetic-webbing slings
1353.1	Part 1: Product specification
1399	Guide to AS 1199—Sampling procedures and tables for inspection by attributes
1418	SAA Crane Code
1418.1	Part 1: General requirements
1444	Wrought alloy steels—Standard and hardenability (H) series
1627	Metal finishing—Preparation and pretreatment of surfaces
1627.0	Part 0: Method selection guide for preparation and pretreatment of steel surfaces
1627.6	Part 6: Phosphate treatment of iron and steel surfaces
1650	Hot-dipped galvanized coatings on ferrous articles
1789	Electroplated coatings—Zinc on iron or steel
1790	Electroplated coatings—Cadmium on iron or steel
1816	Method for Brinell hardness test
1816.1	Part 1: Testing of metals
2193	Methods of calibration and grading of force-measuring systems of testing machines
3777	Shank hooks and large-eye hooks—Maximum 25 t
3900	Quality systems—Guide to selection and use
3904	Quality systems—Guide to quality management and quality system elements
ISO	
Guide 44	General rules for ISO and IEC international third-party certification schemes for products
ASTM	
A 514/A 514M	Specification for high-yield-strength, quenched and tempered alloy steel plate, suitable for welding

**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, such as will enable that person to detect and evaluate any defects and any weaknesses that may affect the intended performance of the equipment.

**3.2 Self-coloured**—a surface colour of closely adhering brown/blue oxides resulting from heat treatment and subsequent handling during manufacture.

**3.3 Shall**—indicates that a statement is mandatory.

**3.4 Should**—indicates a recommendation.

**3.5 Statutory Authority**—an authority with statutory powers to control the use of end fittings.

**3.6 Working load.**

**3.6.1 Working load limit (WLL)**—the maximum load that may be applied to the end fitting, in tension as intended, under general conditions of use.