

Australian Standard™

Wedge-type sockets



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 26 October 2001 and published on 20 December 2001.

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Australian Forging Group
Australian Industry Group
Australian Maritime Safety Authority
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Wedge-type sockets

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-025, Lifting Tackle, to supersede AS 2740—1984, *Lifting tackle—Wedge-type sockets*.

The objective of this Standard is to promote the safe use of wedge-type sockets.

This edition includes the following changes:

- (a) The bolt hole in the body of the wedge socket is no longer required.
- (b) The term ‘safe working load’ has been deleted.
- (c) The angle of the wedge and the socket body are aligned to overseas practices.
- (d) Provision is made for establishing the efficiency of ropes with a grade of more than 1770 grade IWRC.

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
Wedge-type sockets**1 SCOPE**

This Standard specifies requirements for general purpose wedge-type sockets.

It does not cover wedge-type sockets—

- (a) of welded construction;
- (b) for special purpose applications; or
- (c) where installed in lift installations.

NOTES:

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

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	Non-destructive testing—Magnetic particle testing of ferromagnetic products, components and structures
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
1448	Carbon steels and carbon-manganese steels—Forgings (ruling section 300 mm maximum)
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
1790	Electroplated coatings—Cadmium on iron or steel
1816	Metallic materials—Brinell hardness test
1831	Iron castings—Spheroidal or nodular graphite cast iron
2074	Steel castings
2193	Methods for calibration and grading of force-measuring systems of testing machines
3569	Steel wire ropes