

Australian Standard™

**Swivels for lifting applications**



This Australian Standard was prepared by Committee ME-025, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 18 May 2006. This Standard was published on 15 June 2006.

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## Swivels for lifting applications

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## PREFACE

This Standard was prepared by the Standards Australia Committee ME-025, Lifting Tackle, to supersede AS 2318—1990, *Swivels for hoists*.

The objective of this Standard is to provide requirements for swivels used in lifting applications that ensures supplied product meets its design intent. This Standard is for reference by manufacturers, suppliers, testers, users and regulators.

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.

## CONTENTS

	<i>Page</i>
1 SCOPE.....	4
2 REFERENCED DOCUMENTS.....	4
3 DEFINITIONS.....	5
4 CLASSIFICATION .....	6
5 MATERIAL.....	7
6 DESIGN AND MANUFACTURE.....	7
7 MECHANICAL PROPERTIES .....	10
8 TESTING OF MECHANICAL PROPERTIES .....	10
9 PROOF TESTING .....	11
10 MARKING .....	12
11 CARE AND USE.....	12

## APPENDICES

A INFORMATION THAT SHOULD BE SUPPLIED WITH ENQUIRIES AND ORDERS.....	13
B LIFTING TACKLE STANDARDS .....	14
C CARE AND USE .....	15
D DETERMINATION OF WORKING LOAD LIMIT .....	16
E CONDITIONS FOR APPLICATION OF TEST FORCES .....	17
F MEANS FOR DEMONSTRATING COMPLIANCE WITH THIS STANDARD .....	18

STANDARDS AUSTRALIA

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## 1 SCOPE

This Standard specifies requirements for swivels for lifting applications. It does not include dimensional requirements for size.

### NOTES:

- 1 Swivels used on rapid rotating equipment are not within the scope of this Standard.
- 2 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 3 A list of Standards for other components used in lifting systems is given in Appendix B.

## 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 and components
1199	Sampling procedures and tables 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
1418	Cranes, hoists and winches
1418.1	Part 1: General requirements
1442	Carbon steels and carbon-manganese steels—Hot-rolled bars and semi-finished products
1444	Wrought alloy steels—Standard and hardenability (H) series and hardened and tempered to designated mechanical properties
1627	Metal finishing—Preparation and pre-treatment of surfaces
1627.0	Part 0: Method selection guide
1627.6	Part 6: Phosphate treatment of iron and steel surfaces
1654	ISO system of limits and fits
1654.2	Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts
1721	General purpose metric screw threads
1789	Electroplated zinc (electrogalvanized) coatings on ferrous articles (batch process)
1790	Electroplated coatings—Cadmium on iron or steel
1816	Metallic materials—Brinell hardness test
1816.1	Part 1: Test method (ISO 6506-1:1999, MOD)
1831	Ductile cast iron