

Australian Standard™

Swivels for lifting applications

STANDARDS
Australia



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.

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STANDARDS AUSTRALIA

Australian Standard
Swivels for lifting applications

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 selected 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 |