

Australian Standard[®]

**Shank hooks and large eye hooks—
Maximum 60 t**



This Australian Standard® was prepared by Committee ME-025, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 11 January 2008. This Standard was published on 6 March 2008.

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- Australian Chamber of Commerce and Industry
 - Australian Forging Group
 - Australian Industry Group
 - Australian Maritime Safety Authority
 - Crane Industry Council of Australia
 - Department of Defence (Australia)
 - Engineers Australia
 - Institute of Quarrying Australia
 - National Association of Testing Authorities Australia
 - Victorian WorkCover Authority
 - WorkCover New South Wales
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STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 3777—2008

Shank hooks and large eye hooks—Maximum 60 t

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-025, Lifting Tackle to supersede AS 3777—1990, *Shank hooks and large-eye hooks—Maximum 25 t*.

The objective of this Standard is to provide requirements for shank hooks and large-eye hooks of maximum capacity 60 t to ensure that they are adequately designed, reliably supplied to specification and that this can be certified.

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

Shank hooks and large eye hooks—Maximum 60 t

1 SCOPE

This Standard specifies requirements for forged lifting hooks having a working load limit of not more than 60 t, for use with wire rope, sheave blocks, serial hoists, or general engineering applications. It includes large eye hooks and shank hooks.

NOTES:

- 1 Hooks for use with Grade T chain are covered by AS 3776.
- 2 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 3 Standards for components used in lifting systems are listed in Appendix F.

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 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 |
| 1443 | Carbon and carbon manganese steels—Cold-finished bars |
| 1444 | Wrought alloy steels—Standard and hardenability (H) series and hardened and tempered to designated mechanical properties |
| 1448 | Carbon steels and carbon-manganese steels—Forgings (ruling section 300 mm maximum) |
| 1627 | Metal finishing—Preparation and pretreatment of surfaces |
| 1627.0 | Part 0: Method selection guide |
| 1627.6 | Part 6: Chemical conversion treatment of metals |
| 1721 | General purpose metric screw threads |
| 1789 | Electroplated zinc (electrogalvanized) coatings on ferrous articles (batch process) |
| 1790 | Electroplated coatings—Cadmium on iron or steel |
| 2062 | Non-destructive testing—Penetrant testing of products and components |