

Australian Standard™

**Railway track material**

**Part 8: Dogspikes**

This Australian Standard was prepared by Committee CE-002, Railway Track Materials. It was approved on behalf of the Council of Standards Australia on 14 June 2002 and published on 1 August 2002.

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The following are represented on Committee CE-002:

Australasian Railway Association  
Australian Chamber of Commerce and Industry  
Australian Industry Group  
Bureau of Steel Manufacturers of Australia  
Rail Track Association Australia

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**Railway track material**

**Part 8: Dogspikes**

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## PREFACE

This Standard was prepared by the Standards Australia Committee CE-002, Railway Track Materials, to supersede AS 1085.8—1988, *Railway permanent way material, Part 8: Dogspikes*.

The objective of this Standard is to provide designers and manufacturers with requirements for dogspikes for use with steel rails.

Changes to the previous edition are as follows:

- (a) Changes already published in Amendment number 1 to the 1995 edition.
- (b) Change of title of the AS 1085 series (previously *Railway permanent way material*).
- (c) Reference to withdrawn Standards AS 1213 and K1 have been removed.
- (d) The referenced documents list has been revised.
- (e) The most recent version of the informative Appendix 'Means of demonstrating compliance with this Standard' has been included.

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  
Railway track material****Part 8: Dogspikes****1 SCOPE**

This Standard sets out the requirements for 16 mm and 19 mm steel dogspikes with square shanks and 22 mm diameter round shank steel dogspikes for use with the steel rails specified in AS 1085.1.

**NOTES:**

- 1 Purchasing guidelines are given in Appendix A.
- 2 Means for demonstrating compliance with this Standard are given in Appendix B.

**2 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

**AS**

1085	Railway track material
1085.1	Part 1: Steel rails
1199	Sampling procedures and tables for inspection by attributes
1399	Guide to AS 1199—Sampling procedures and tables for inspection by attributes
1442	Carbon steels and carbon-manganese steels—Hot-rolled bars and semi-finished products
2706	Numerical values—Rounding and interpretation of limiting values

**AS/NZS**

1050	Methods for the analysis of iron and steel (all Methods)
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**ISO**

9001	Quality management systems—Requirements
9004	Quality management systems—Guidelines for performance improvements

**SAI**

HB 18	Guidelines for third-party certification and accreditation
HB 18.28	Guide 28—General rules for a model third-party certification scheme for products

**3 CHEMICAL COMPOSITION**

Steel used for the manufacture of dogspikes shall comply with the requirements of AS 1442, Grade U3, or Grade U5, Condition B or F.

**4 METHOD OF MANUFACTURE**

Dogspikes shall be produced by hot or cold forging, with or without a second heat or post-forging heat treatment, and with or without secondary machining.