

Australian Standard™

Railway track material

Part 2: Fishplates

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.

The following are represented on Committee CE-002:

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

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Part 2: Fishplates

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PREFACE

This Standard was prepared by the Standards Australia Committee CE-002, Railway Track Materials, to supersede AS 1085.2—1993 *Railway permanent way material Part 2: Fishplates*.

The objective of this Standard is to provide purchasers and suppliers, including owners, operators, designers and manufacturers of railway rail with requirements for fishplates for use with rails in accordance with AS 1085.1 in railway track.

Changes to the previous edition are as follows:

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- (c) Reference to the withdrawn Standards AS 1213 and K1 have been removed.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

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STANDARDS AUSTRALIA

**Australian Standard
Railway track material****Part 2: Fishplates****1 SCOPE**

This Standard specifies requirements for bar-type steel fishplates for use in conjunction with steel rails rolled in accordance with AS 1085.1.

NOTES:

- 1 Purchasing guidelines are given in Appendix A.
- 2 Profiles and properties for fishplates are given in Appendix B.
- 3 Means of demonstrating compliance with this Standard are given in Appendix C.

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 |
| 1391 | Methods for tensile testing of metals |
| 1399 | Guide to AS 1199—Sampling procedures and tables for inspection by attributes |
| 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) |
| 2706 | Numerical values—Rounding and interpretation of limiting values |
| 4291 | Mechanical properties of fasteners made of carbon steel and alloy steel |
| 4291.1 | Part 1: Bolts, screws and studs |

AS/NZS

- | | |
|----------|--|
| 1050 | Methods for the analysis of iron and steel (all methods) |
| ISO 9001 | Quality management systems—Requirements |
| ISO 9004 | Quality management systems—Guidelines for performance improvements |

SAI

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| 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 DESIGNATION

Fishplates shall be designated by the number of this Australian Standard and the nominal rail size.

Example:

Fishplate in accordance with AS 1085.2 for 50 kg rail.