

Australian Standard™

**Railway track material**

**Part 10: Rail anchors**

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 Manufactures of Australia  
Rail Track Association Australia

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**Railway track material**

**Part 10: Rail anchors**

Originated as AS 1085.10—1979.  
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## PREFACE

This Standard was prepared by the Standards Australia Committee CE-002, Railway Track Materials, to supersede AS 1085.10—1995, *Railway permanent way material*, Part 10: *Rail anchors*.

The objective of this Standard is to provide tests for standard performance requirements which manufacturers' products must satisfy, and to permit flexibility in both product design and material.

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- (c) Reference to withdrawn Standards AS 1213 and K1 have been removed.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.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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## STANDARDS AUSTRALIA

**Australian Standard  
Railway track material****Part 10: Rail anchors****1 SCOPE**

This Standard sets out the requirements for one-piece rail anchors for application to steel rails rolled in accordance with AS 1085.1. Dimensions and tolerances are not specified.

## NOTES:

- 1 The specified requirements may also be relevant for rail sizes not currently covered by this Standard.
- 2 Dimensional tolerances should be agreed between the purchaser and the manufacturer.
- 3 It is essential that the purchaser supply the manufacturer with certain information when enquiring about, or ordering, rail anchors to this Standard. Purchasing guidelines are given in Appendix A.
- 4 Alternative 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 |

## 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

- |          |  |
|----------|--|
| 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**

Anchors shall be designated according to the nominal rail size.

*Example:*

Rail anchors to AS 1085.10 for 50 kg rail.