

AS/NZS 3679.2:1996

Australian/New Zealand Standard[®]

Structural steel

Part 2: Welded I sections

AS/NZS 3679.2:1993

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD/23, Structural Steel. It was approved on behalf of the Council of Standards Australia on 31 October 1995 and on behalf of the Council of Standards New Zealand on 13 November 1995. It was published on 5 February 1996.

The following interests are represented on Committee BD/23:

Association of Consulting Engineers, Australia
Australian Chamber of Commerce and Industry
Australian Institute of Steel Construction
AUSTROADS
Bureau of Steel Manufacturers of Australia
Heavy Engineering Research Association, New Zealand
Metal Trades Industry Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/23 on Structural Steel to supersede AS 3679.2—1991.

The objective of this Standard is to specify requirements for welded I sections for general structural and engineering functions. These functions include the possibility of such welded I sections being subjected to dynamic and other special loads. This Standard does not cover built-up (i.e. custom-built) welded I sections designed in accordance with AS 3990, AS 4100 or NZS 3404.

This edition incorporates the following major changes:

- (a) Deletion of weather-resistant weldable grades.
- (b) References to hot-rolled plates are now referred to AS/NZS 3678.
- (c) Geometrical properties of steel sections are deleted.
- (d) Appendix B is updated.

A statement expressed in mandatory terms in a note to a table is deemed to be a requirement of this Standard.

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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