

AS 10303.101—1998
ISO 10303-101:1994

Australian Standard™

**Industrial automation systems
and integration—Product data
representation and exchange**

**Part 101: Integrated application
resources: Draughting**

This Australian Standard was prepared by Committee IT/6, Information Technology for Industrial Automation and Integration. It was approved on behalf of the Council of Standards Australia on 16 June 1998 and published on 5 September 1998.

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First published as AS 10303.101 — 1998.

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT/6, Information Technology for Industrial Automation and Integration. The Standard is the result of a consensus among the representatives on the Joint Committee that it be produced as an Australian Standard. It is identical with and has been reproduced from ISO 10303-101:1994, *Industrial automation systems and integration—Product data representation and exchange*, Part 101: *Integrated application resources: Draughting*.

The objective of this Standard is to provide users of integrated automation systems with the resource constructs for the representation of draughting information including information regarding the definition, description and administration of a drawing and the sheets of a drawing.

This Standard is Part 101 of AS 10303, *Industrial automation systems and integration—Product data representation and exchange*, which is published in Parts as follows:

- Part 1: Overview and fundamental principles
- Part 11: Description methods: The EXPRESS language reference manual
- Part 21: Implementation methods: Clear text encoding of the exchange structure
- Part 31: Conformance testing methodology and framework: General concepts
- Part 41: Integrated generic resources: Fundamentals of product description and support
- Part 42: Integrated generic resources: Geometric and topological representation
- Part 43: Integrated generic resources: Representation structures
- Part 44: Integrated generic resources: Product structure configuration
- Part 46: Integrated generic resources: Visual presentation
- Part 101: Integrated application resources: Draughting (this Standard)
- Part 201: Application protocol: Explicit draughting
- Part 203: Application protocol: Configuration controlled design

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annex to which they apply. A ‘normative’ annex is an integral part of a Standard, whereas an ‘informative’ annex is only for information and guidance.

Annex C, which is in the form of computer-interpretable listings, and Annex A are supplied on a diskette, which is part of this Standard.

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- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
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<i>Reference to International Standard or other publication</i>	<i>Australian or Joint Australian/New Zealand Standard</i>
ISO	AS
10209 Technical product documentation— Vocabulary	—
10209-1 Part 1: Terms relating to technical drawings: general and types of drawing	—
10303 Industrial automation systems and integration—Product data representation and exchange	10303 Industrial automation systems and integration—Product data representation and exchange

ISO

- 10303-1 Part 1: Overview and fundamental principles
- 10303-11 Part 11: Description methods: The EXPRESS language reference manual
- 10303-41 Part 41: Integrated generic resources: Fundamentals of product description and support
- 10303-46 Part 46: Integrated generic resources: Visual presentation

ISO/IEC

- 8824 Information technology—Open Systems Interconnection—Abstract Syntax Notation One (ASN.1)
- 8824-1 Part 1: Specification of Basic Notation —

AS

- 10303.1 Part 1: Overview and fundamental principles
- 10303.11 Part 11: Description methods: The EXPRESS language reference manual
- 10303.41 Part 41: Integrated generic resources: Fundamentals of product description and support
- 10303.46 Part 46: Integrated generic resources: Visual presentation

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