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AS ISO 13584.1

Australian Standard™

**Industrial automation systems and
integration—Parts library**

**Part 1: Overview and fundamental
principles**

This Australian Standard was prepared by Committee IT-006, Information Technology for Industrial Automation and Integration. It was approved on behalf of the Council of Standards Australia on 23 March 2004 and published on 3 June 2004.

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Part 1: Overview and fundamental principles

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PREFACE

This Standard was prepared by the Standards Australia Committee IT-006, Information Technology for Industrial Automation and Integration.

This Standard is identical with, and has been reproduced from, ISO 13584-1:2001, *Industrial automation systems and integration—Parts library, Part 1: Overview and fundamental principles*.

The objective of this Standard is to provide a representation of parts library information together with the necessary mechanisms and definitions to enable parts library data to be exchanged, used and updated. The exchange may be between different computer systems and environments associated with the complete lifecycle of the products where the library parts may be used, including product design, manufacture, use, maintenance, and disposal.

This Standard is Part 1 of AS ISO 13584, *Industrial automation systems and integration—Parts Library*, which is published in parts as follows:

Part 1: Overview and fundamental principles (this Standard)

Part 101: Geometrical view exchange protocol by parametric program

Part 20: Logical resource: Logical model of expressions

Part 24: Logical resource: Logical model of supplier library

Part 26: Logical resource: Information supplier identification

Part 31: Implementation resources: Geometric programming interface

Part 42: Description methodology: Methodology for structuring part families

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10303-1	Industrial automation systems and integration—Product data representation and exchange—Part 1: Overview and fundamental principles	10303.1	Industrial automation systems and integration—Product data representation and exchange, Part 1: Overview and fundamental principles

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