

Australian Standard™

**Technical drawings—General principles
of presentation**

**Part 24: Lines on mechanical
engineering drawings**

This Australian Standard was prepared by Committee ME-072, Technical Drawings. It was approved on behalf of the Council of Standards Australia on 9 March 2005. This Standard was published on 4 May 2005.

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Department of Education, Training and Employment (South Australia)
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PREFACE

This Standard was prepared by the Standards Australia Committee ME-072, Technical Drawings.

This Standard is identical with and reproduced from ISO 128-24:1999, *Technical drawings—General principles of presentation, Part 24: Lines on mechanical engineering drawings*.

This Standard is Part 24 of the AS ISO 128 series, *Technical drawings—General principles of presentation*, as follows:

AS ISO

128	Technical drawings—General principles of presentation
128.1	Part 1: Introduction and index
128.20	Part 20: Basic conventions for lines
128.21	Part 21: Preparation of lines by CAD systems
128.22	Part 22: Basic conventions and applications for leader lines and reference lines
128.23	Part 23: Lines on construction drawings
128.24	Part 24: Lines on mechanical engineering drawings (this Standard)
128.25	Part 25: Lines on shipbuilding drawings

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References to International Standards should be replaced by equivalent Australian Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS ISO	
128	Technical drawings—General principles of presentation	—	
128-20	Part 20: Basic conventions for lines	128	Technical drawings—General principles of presentation Part 20: Basic conventions for lines
128-22	Part 22: Basic conventions and applications for leader lines and reference lines	128.22	Part 22: Basic conventions and applications for leader lines and reference lines
128-30	Part 30: Basic conventions for views	—	
128-40	Part 40: Basic conventions for cuts and sections	—	
128-50	Part 50: Basic conventions for representing areas on cuts and sections	—	
129	Technical drawings—Dimensioning — General principles, definitions, methods of execution and special indications	—	
2273	Technical drawings—Conventional representation of gears	—	
3040	Technical drawings—Dimensioning and tolerancing—Cones	—	
5261	Technical drawings—Simplified representation of bars and profile sections	—	

<i>Reference to International Standard</i>	<i>Australian Standard</i>
6410 Technical drawings—Screw threads and threaded parts	—
6410-1 Part 1: General conventions	
6428 Technical drawings—Requirements for microcopying	—
10135 Technical drawings—Simplified representation of moulded, cast and forged parts	—
10578 Technical drawings—Tolerancing of orientation and location—Projected tolerance zone	—

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AUSTRALIAN STANDARD

Technical drawings — General principles of presentation —

Part 24:

Lines on mechanical engineering drawings

1 Scope

This part of ISO 128 specifies general rules and basic conventions for the types of lines on mechanical engineering drawings.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 128. For dated references, subsequent amendments to, or revisions of, these publications do not apply. However, parties to agreements based on this part of ISO 128 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 128-20:1996, *Technical drawings — General principles of presentation — Part 20: Basic conventions for lines.*

ISO 128-22:1999, *Technical drawings — General principles of presentation — Part 22: Basic conventions and applications for leader lines and reference lines.*

ISO 128-30:—¹⁾, *Technical drawings — General principles of presentation — Part 30: Basic conventions for views.*

ISO 128-40:—¹⁾, *Technical drawings — General principles of presentation — Part 40: Basic conventions for cuts and sections.*

ISO 128-50:—¹⁾, *Technical drawings — General principles of presentation — Part 50: Basic conventions for representing areas on cuts and sections.*

ISO 129:1985, *Technical drawings — Dimensioning — General principles, definitions, methods of execution and special indications.*

ISO 2203:1973, *Technical drawings — Conventional representation of gears.*

ISO 5440:1990, *Technical drawings — Dimensioning and tolerancing — Cones.*

ISO 5:1995, *Technical drawings — Simplified representation of bars and profile sections.*

ISO 6410-1:1993, *Technical drawings — Screw threads and threaded parts — Part 1: General conventions.*

¹⁾ To be published.