AS ISO 128.24—2005
ISO 128-24:1999

AS ISO 128.24—2005

Australian Standard™

Technical drawings—General principles of presentation

Part 24: Lines on mechanical engineering drawings

STANDARDS AUSTRALIA

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.

The following are represented on Committee ME-072:

Department of Defence
Department of Education, Training and Employment (South Australia)
Design Association of New Zealand
Master Builders Australia
TAFE NSW
The Institute for Drafting and Design Australia
The University of Melbourne

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Web Shop at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Global Standard*, has a full listing of revisions and amendments published each month.

Australian Standards™ and other products and services developed by Standards Australia are published and distributed under contract by SAI Global, which operates the Standards Web Shop.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to the Chief Executive, Standards Australia, GPO Box 5420, Sydney, NSW 2001.

This Standard was issued in draft form for comment as DR 04294.

Australian Standard™

Technical drawings—General principles of presentation

Part 24: Lines on mechanical engineering drawings

First published as AS ISO 128.24—2005.

COPYRIGHT

© Standards Australia

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 6623 4

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

As this Standard is reproduced from an International Standard, the following applies:

(a) Its number appears on the cover and title page while the International Standard number appears only on the cover.

(b) In the source text, 'this International Standard' should read 'this Australian Standard'.

(c) A full point substitutes for a comma when referring to a decimal marker.

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

Reference to International Standard		*Australian Standard*	
ISO		AS ISO	
128	Technical drawings—General principles of presentation	—	
		128	Technical drawings—General principles of presentation
128-20	Part 20: Basic conventions for lines	128.20	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	—	
2203	Technical drawings—Conventional representation of gears	—	
3040	Technical drawings—Dimensioning and tolerancing—Cones	—	
5261	Technical drawings—Simplified representation of bars and profile sections	—	

Reference to International Standard		*Australian Standard*
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	—

NOTES

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 3040:1990, *Technical drawings — Dimensioning and tolerancing — Cones.*

ISO 5261:1995, *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.

© Standards Australia