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Technical product documentation (TPD) — General principles of representation —

Part 2: Basic conventions for lines

*Documentation technique de produits (TPD) — Principes généraux de
représentation —*

Partie 2: Conventions de base pour les traits



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Contents

| | Page |
|--|-----------|
| Foreword | iv |
| Introduction | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 2 |
| 4 Types of lines | 3 |
| 4.1 General..... | 3 |
| 4.2 Basic types..... | 3 |
| 4.3 Line sub types..... | 4 |
| 4.4 Variations of the basic types of lines..... | 4 |
| 4.5 Combinations of lines with the same length..... | 4 |
| 4.5.1 Arrangement of two or more lines parallel to each other..... | 4 |
| 4.5.2 Arrangement of two different types of lines..... | 5 |
| 4.5.3 Arrangement of two continuous lines parallel to each other with regularly recurring connecting elements between them..... | 5 |
| 4.5.4 Arrangement of regularly recurring geometric pictorial elements in association with continuous lines..... | 5 |
| 5 Line dimensions | 6 |
| 5.1 Line width..... | 6 |
| 5.2 Deviation in line width..... | 6 |
| 5.3 Configuration of lines..... | 6 |
| 6 Draughting of lines | 7 |
| 6.1 Spacing..... | 7 |
| 6.2 Junctions..... | 7 |
| 6.2.1 Types..... | 7 |
| 6.2.2 Representation..... | 9 |
| 6.3 Location of a second line..... | 10 |
| 6.4 Hierarchy of overlapping lines..... | 10 |
| 7 Colours | 11 |
| 8 Designation | 11 |
| 9 Basic conventions and applications for leader lines and reference lines | 11 |
| 9.1 Presentation of leader lines..... | 11 |
| 9.2 Representation of reference lines..... | 14 |
| 9.3 Indication of instructions..... | 15 |
| Annex A (informative) Preparation of lines by CAD systems | 17 |
| Annex B (normative) Lines on construction technical drawings | 30 |
| Annex C (informative) Examples of application on construction technical drawings | 33 |
| Annex D (normative) Types of lines and their application on mechanical engineering technical drawings | 39 |
| Annex E (informative) Examples of application on mechanical engineering technical drawings | 43 |
| Annex F (normative) Types of lines and their application on shipbuilding technical drawings | 56 |
| Annex G (informative) Application examples of the different types of lines on shipbuilding technical drawings | 58 |
| Bibliography | 69 |

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*.

This first edition cancels and replaces the following documents:

- ISO 128-20:1996
- ISO 128-21:1997
- ISO 128-22:1999
- ISO 128-23:1999
- ISO 128-24:2014
- ISO 128-25:1999

The main changes to these documents are as follows:

- harmonization of the former parts listed above;
- introduction of the hierarchy of overlapping lines.

A list of all parts in the ISO 128 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

ISO 128-2 contains generally applicable rules for the presentation of lines in all kinds of technical product documentation.

All figures in this document have been drawn in first-angle projection. It should be understood that third-angle projection or other methods could have been used equally well without prejudice to the principles established.

The application of lines within drawings of special technical fields varies considerably. Therefore, rules of application specific to technical fields are given in [Annexes B](#) to [G](#).

[Annex A](#) provides information for the calculation of the most important basic types of non-continuous lines according to types of lines and their line elements.