Second edition
2022-10

# 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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# Foreword

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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).

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This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS F01, *Technical drawings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 128-2:2020), of which it constitutes a minor revision. The changes are as follows:

— the term “line element” changed to “graphical basic element” throughout;

— in Annex C, Table C.1, the right-hand cell in the header has been changed from “Example” to “Figure no.” to be consistent with Table E.1;

— in Annex D, Table D.1, item 04.2.1, duplicate text removed;

— in Annex G, Table G.1, the third header cell from the left has been changed from “Example” to “Application” to be consistent with Table C.1 and Table E.1;

— in Annex E, Table E.1 and in Annex G, Table G.1, the right-hand cell in the header has been changed from “Figure” to “Example” to be consistent with the rest of the document;

— minor editorial changes.

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.

# Introduction

This document 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 graphical basic elements.