
**Technical product documentation —
Lettering —**

**Part 1:
General requirements**

*Documentation technique de produits — Écriture —
Partie 1: Exigences générales*

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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. www.iso.org/directives

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 10, *Technical product documentation*, Subcommittee SC 1, *Basic conventions*. This second edition of ISO 3098-1 cancels and replaces the first edition of ISO 3098-0:1997, of which it constitutes a minor revision.

ISO 3098 consists of the following parts, under the general title *Technical product documentation — Lettering*:

- *Part 1: General requirements*
- *Part 2: Latin alphabet, numerals and marks*
- *Part 3: Greek alphabet*
- *Part 4: Diacritical and particular marks for the Latin alphabet*
- *Part 5: CAD lettering of the Latin alphabet, numerals and marks*
- *Part 6: Cyrillic alphabet*

Technical product documentation — Lettering —

Part 1: General requirements

1 Scope

This part of ISO 3098 specifies the general requirements for lettering, in accordance with the other parts of ISO 3098, to be used in technical product documentation (in particular on technical drawings). It includes basic conventions as well as rules for the application of lettering using the following techniques:

- a) free-hand lettering (by means of an underlaid “grid”);
- b) templates and manual lettering instruments;
- c) dry transfer systems;
- d) numerically controlled lettering and draughting systems.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

central line

imaginary line in the middle of each line or line element which is a constitutive part of a graphic character set

Note 1 to entry: Lines may be drawn by means of tubular technical pens conforming with ISO 9175-1.

Note 2 to entry: The central line is the basic datum for the design of tools for lettering, e.g. engraving tools for templates, programs for lettering generators.

3.2

graphic character set

finite set of different graphic characters in a fixed type of lettering, including letters of a certain alphabet, numerals, diacritical marks, punctuation marks and additional graphical symbols, that is considered complete for a given purpose

Note 1 to entry: See ISO/IEC 2382-4:1999, 04.03.

3.3

lettering