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Technical drawings — Construction drawings — Representation of modular sizes, lines and grids

Dessins techniques — Dessins de construction — Représentation des dimensions, lignes et quadrillages modulaires

Reference number
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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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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*, Subcommittee SC 8, *Construction documentation*.

This second edition cancels and replaces the first edition (ISO 8560:1986), of which it constitutes a minor revision. The changes to the previous edition are as follows:

— editorial changes to Clause 1;

— normative references in Clause 2 updated.

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.

Technical drawings — Construction drawings — Representation of modular sizes, lines and grids

1 Scope

This document lays down rules for the representation of modular sizes, lines and grids on construction drawings. The basic module M is 100 mm (see ISO 1006).

Generally, modular sizes are for use on design drawings, but can also be added to production drawings for manufacturing, orientation and location.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 128-1, *Technical drawings — General principles of presentation — Part 1: Introduction and index*

ISO 129-1, *Technical product documentation (TPD) — Presentation of dimensions and tolerances — Part 1: General principles*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

4 General

Drawings with modular sizes shall be executed in accordance with ISO 128-1 and ISO 129-1. If necessary, the drawings should have a note indicating that modular sizes are being used.

5 Designations of modular sizes

Drawings with sizes indicated in modules (instead of in millimetres or metres) should have a clear note explaining that this is the case.