

**Technical drawings - Construction drawings -
Representation of modular sizes, lines and
grids**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 8560:2000 sisaldab Euroopa standardi EN ISO 8560:1999 ingliskeelset teksti.

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English version

Technical drawings - Construction drawings - Representation of
modular sizes, lines and grids (ISO 8560:1986)

Dessins techniques - Dessins de construction -
Représentation des dimensions, lignes et quadrillages
modulaires (ISO 8560:1986)

Zeichnungen für das Bauwesen - Darstellung von
modularen Größen, Linien und Rastern (ISO 8560:1986)

This European Standard was approved by CEN on 1 July 1999.

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Foreword

The text of the International Standard from Technical Committee ISO/TC 10 "Technical drawings, product definition and related documentation" of the International Organization for Standardization (ISO) has been taken over as an European Standard by CEN/CS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8560:1986 has been approved by CEN as a European Standard without any modification.

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International Standard



8560

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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

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8560 was prepared by Technical Committee ISO/TC 10, *Technical drawings*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Contents

	Page
1 Scope and field of application	1
2 References	1
3 General	1
Designations of modular sizes	1
5 Representation of modular lines and sizes	1
6 Representation of modular grids	2
7 Combination of modular sizes and work sizes on the same drawing	4
8 Bibliography	5

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

1 Scope and field of application

This International Standard 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 should be used on design drawings. Construction and work sizes should be used on production drawings.

Modular sizes, lines and grids make the planning and design work easier. Multimodular grids may be added, to a limited extent, on construction drawings for manufacturing and construction for orientation and location.

2 References

ISO 128, *Technical drawings — General principles of presentation*.

ISO 1006, *Building construction — Modular coordination — Basic module*.

ISO 2595, *Building drawings — Dimensioning of production drawings — Representation of manufacturing and work sizes*.

3 General

Drawings with modular sizes shall be executed in accordance with ISO 128 and ISO 2595. If necessary, the drawings should have a note indicating that modular sizes are being used.

4 Designations of modular sizes

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

4.2 The designations of modular sizes are as follows.

4.2.1 Modular: $n \times \mathbf{M}$

4.2.2 Basic module: **M**

4.2.3 Multimodules: **3M, 6M, 12M**

4.2.4 Modular sizes: **10M**

4.2.5 Multimodular sizes: **10 × 3M, 5 × 6M**

4.2.6 Non-modular, if needed: **M**

5 Representation of modular lines and sizes

5.1 Modular and multimodular lines shall be drawn using a continuous line (see figure 1). The lowest level shall be drawn using a continuous thin line.

Figure 1

5.2 Where necessary for reasons of clarity, a modular line in an axial position may be indicated by a chain line (see figure 2).

Figure 2

5.3 Where necessary for identification purposes, multimodular grid lines shall be terminated with a circle drawn with a thin line (see figure 3).

Figure 3

5.4 The line may be designated by a reference inside the circle (see figure 4).

Figure 4

5.5 Terminations for the size of a modular zone shall be the same as for single sizes, as specified in ISO 2595 (see figure 5).

Figure 5