



# SLOVENSKI STANDARD SIST EN ISO 8560:2002

01-februar-2002

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

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

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

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Ta slovenski standard je istoveten z: EN ISO 8560:1999

## ICS:

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Construction drawings

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en

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 8560

July 1999

ICS 01.100.00

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.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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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

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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

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

First edition — 1986-05-01

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UDC 744.43 : 69 : 721.013

Ref. No. ISO 8560-1986 (E)

**Descriptors:** drawings, technical drawings, construction, modules, schematic representation, dimensions, lines.

## 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.

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.

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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.

- |                            |                       |
|----------------------------|-----------------------|
| <b>4.2.1</b> Modular:      | $n \times \mathbf{M}$ |
| <b>4.2.2</b> Basic module: | <b>M</b>              |
| <b>4.2.3</b> Multimodules: | <b>3M, 6M, 12M</b>    |

- |                                      |                        |
|--------------------------------------|------------------------|
| <b>4.2.4</b> Modular sizes:          | <b>10M</b>             |
| <b>4.2.5</b> Multimodular sizes:     | <b>10 × 3M, 5 × 6M</b> |
| <b>4.2.6</b> Non-modular, if needed: | <b>M</b>               |

## 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