



SLOVENSKI STANDARD
oSIST prEN ISO 8560:2019
01-februar-2019

**Tehnične risbe - Gradbeniške risbe - Prikazovanje modularnih mer, črt in mrež
(ISO/FDIS 8560:2018)**

Technical drawings - Construction drawings - Representation of modular sizes, lines and grids (ISO/FDIS 8560:2018)

Technische Zeichnungen - Zeichnungen für das Bauwesen - Darstellung von modularen Größen, Linien und Rastern (ISO/FDIS 8560:2018)

Dessins techniques - Dessins de construction - Représentation des dimensions, lignes et quadrillages modulaires (ISO/FDIS 8560:2018)

Ta slovenski standard je istoveten z: prEN ISO 8560

ICS:

01.100.30 Gradbeni načrti Construction drawings

oSIST prEN ISO 8560:2019 **en,fr,de**

FINAL
DRAFT

INTERNATIONAL
STANDARD

ISO/FDIS
8560

ISO/TC 10/SC 8

Secretariat: SIS

Voting begins on:
2018-11-29

Voting terminates on:
2019-02-21

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

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

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 8560:2019

<https://standards.iteh.ai/catalog/standards/sist/75e83c7a-6435-4d5a-87b2-b84478c19095/sist-en-iso-8560-2019>

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

ISO/CEN PARALLEL PROCESSING



Reference number
ISO/FDIS 8560:2018(E)

© ISO 2018

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 8560:2019

<https://standards.iteh.ai/catalog/standards/sist/75e83c7a-6435-4d5a-87b2-b84478c19095/sist-en-iso-8560-2019>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General	1
5 Designations of modular sizes	1
6 Representation of modular lines and sizes	2
6.1 General.....	2
6.2 Modular and multimodular lines.....	2
6.3 Modular line in an axial position.....	2
6.4 Circle for identification of modular line.....	2
6.5 Designation of modular line.....	2
6.6 Terminations for the size of a modular zone.....	3
7 Representation of modular grids	3
7.1 General.....	3
7.2 Modular grid with different line intervals.....	3
7.3 Indication of modular sizes.....	3
7.4 Indication of modular zones.....	4
7.5 Indication of a change in direction of a modular grid.....	4
7.6 Indication of the displacement of a modular grid.....	5
7.7 Indication of a modular line in an axial position.....	5
8 Combination of modular sizes and work sizes on the same drawing	6
Bibliography	7
https://standards.iteh.ai/catalog/standards/sist/75e83c7a-6435-4d5a-87b2-b84478c19095/sist-en-iso-8560-2019	

ISO/FDIS 8560:2018(E)

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 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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.

ISO/FDIS 8560:2018(E)

The designations of modular sizes shall be as follows:

Modular:	$n \times M$
Basic module:	M
Multimodules:	3 M, 6 M, 12 M
Modular sizes:	10 M
Multimodular sizes:	$10 \times 3 M$, $5 \times 6 M$
Non-modular, if needed:	M

6 Representation of modular lines and sizes**6.1 General**

Modular lines and sizes shall be represented in accordance with the following figures.

6.2 Modular and multimodular lines

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 — Modular and multimodular lines

<https://standards.iteh.ai/catalog/standards/sist/75e83c7a-6435-4d5a-87b2-b84478c19095/sist-en-iso-8560-2019>

6.3 Modular line in an axial position

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 — Modular line in an axial position

6.4 Circle for identification of modular line

Where necessary for identification purposes, multimodular grid lines shall be terminated with a circle drawn with a thin line (see [Figure 3](#)).



Figure 3 — Circle for identification of modular line

6.5 Designation of modular line

The line may be designated by a reference inside the circle (see [Figure 4](#)).

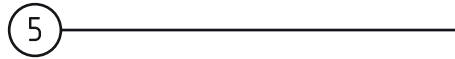


Figure 4 — Designation of modular line

6.6 Terminations for the size of a modular zone

Terminations for the size of a modular zone shall be the same as for single sizes, as specified in ISO 129-1 (see [Figure 5](#)).

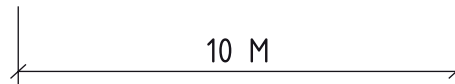


Figure 5 — Terminations for the size of a modular zone

7 Representation of modular grids

7.1 General

Modular grids shall be drawn with modular lines and shall be represented in accordance with the following figures.

7.2 Modular grid with different line intervals

Modular grids with different line intervals which are superimposed may be clarified by using a thin line for the smallest interval, a thick line for the next largest interval, and so on. (see [Figure 6](#)).

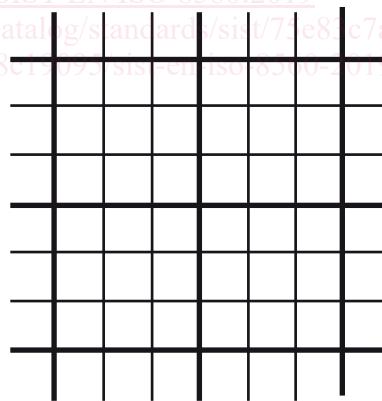


Figure 6 — Modular grid with different line intervals

7.3 Indication of modular sizes

Indication of the size of a grid line interval is shown in [Figure 7](#).

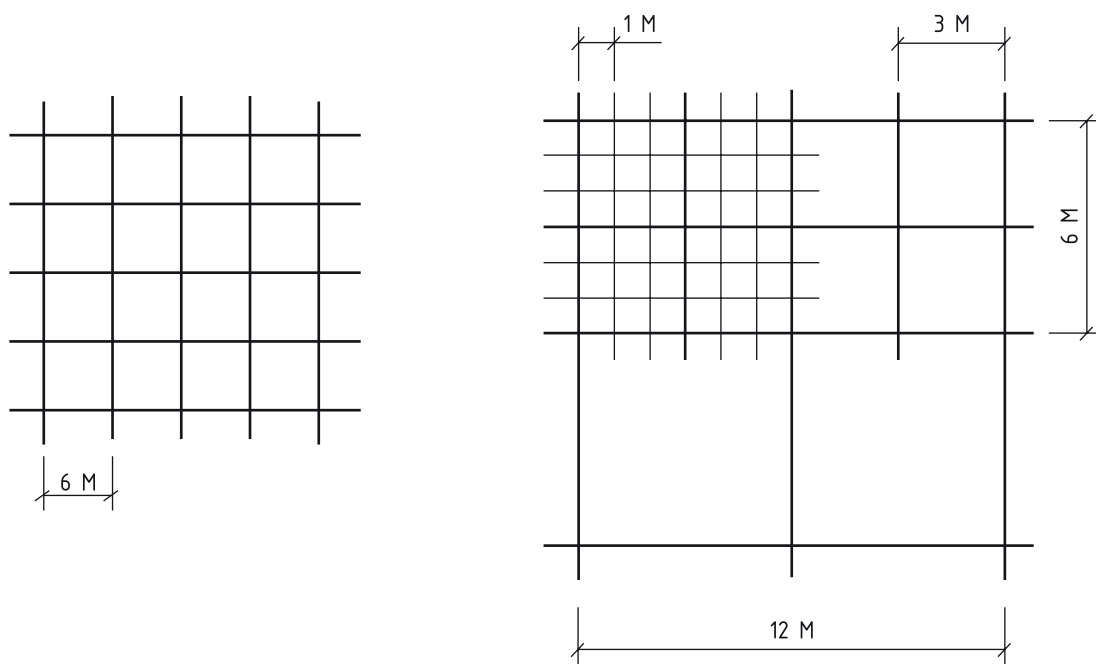


Figure 7 — Indication of modular sizes

7.4 Indication of modular zones

Indication of a modular or a non-modular zone is shown in [Figure 8](#).

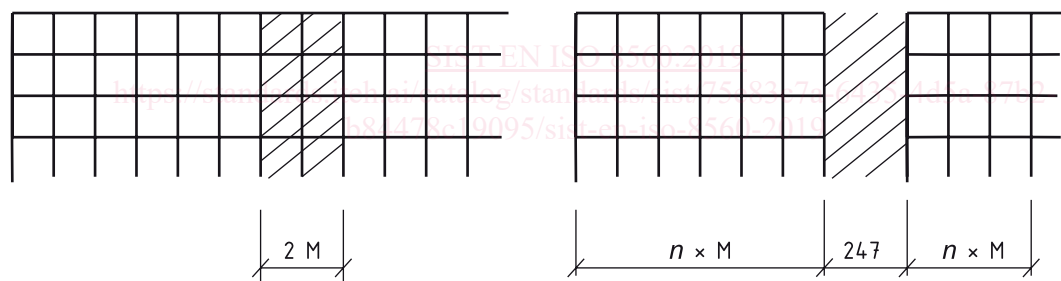


Figure 8 — Indication of modular zones

7.5 Indication of a change in direction of a modular grid

Indication of a change in direction of a modular grid is shown in [Figure 9](#).