

**Tehnilised joonised. Montaažijoonised.
Üldreeglid monteeritavate struktuuriosade
tööjooniste koostamiseks.**

Technical drawings - Construction drawings -
General rules for execution of production drawings
for prefabricated structural components

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 7437:1999 sisaldab Euroopa standardi EN ISO 7437:1996 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 12.12.1999 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 7437:1999 consists of the English text of the European standard EN ISO 7437:1996.

This standard is ratified with the order of Estonian Centre for Standardisation dated 12.12.1999 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

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EUROPEAN STANDARD

EN ISO 7437

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Descriptors: see ISO document

English version

**Technical drawings - Construction drawings -
General rules for execution of production drawings
for prefabricated structural components
(ISO 7437:1990)**

Dessins techniques - Dessins de construction -
Règles générales pour l'élaboration de dessins
d'exécution pour des composants de structure
préfabriqués (ISO 7437:1990)

Zeichnungen für das Bauwesen - Allgemeine
Regeln für die Erstellung von
Fertigungszeichnungen für vorgefertigte Teile
(ISO 7437:1990)

This European Standard was approved by CEN on 1996-03-02. 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.

The European Standards exist 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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

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 a European Standard by the Technical Board of CEN .

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 October 1996, and conflicting national standards shall be withdrawn at the latest by October 1996.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 7437:1990 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 5455	1979	Technical drawings - Scales	EN ISO 5455	1994

INTERNATIONAL STANDARD

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Technical drawings — Construction drawings — General rules for execution of production drawings for prefabricated structural components

*Dessins techniques — Dessins de construction — Règles générales pour
l'élaboration de dessins d'exécution pour des composants de structure
préfabriqués*



Reference number
ISO 7437:1990(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 7437 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*.

Technical drawings — Construction drawings — General rules for execution of production drawings for prefabricated structural components

1 Scope

This International Standard establishes general rules for the execution of production drawings for prefabricated structural components.

The documentation for such prefabricated components includes drawings, specifications and schedules. This International Standard deals only with drawings.

NOTE 1 Specifications and schedules may be prepared as separate documents, or as additional information on the drawing sheet.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 128:1982, *Technical drawings — General principles of presentation*.

ISO 3766:1977, *Building and civil engineering drawings — Symbols for concrete reinforcement*.

ISO 5455:1979, *Technical drawings — Scales*.

ISO 5457:1980, *Technical drawings — Sizes and layout of drawing sheets*.

ISO 6284:1985, *Tolerances for building — Indication of tolerances on building and construction drawings*.

3 Execution of production drawings

3.1 General rules

3.1.1 Production drawings for (moulded and non-moulded) prefabricated structural components shall define the shape and composition of the components. They shall be fully dimensioned and shall provide all the information necessary for the manufacture, inspection and further handling of the components, such as

- a) designations of the components,
- b) reinforcement,
- c) surface requirements,
- d) built-in parts, holes, recesses and grooves,
- e) provisions for easy removal from the mould, and
- f) safety devices for lifting, and provisions for handling, transportation and storage.

3.1.2 The drawings shall be executed in accordance with the relevant International Standards.

3.1.3 Preferred sheet sizes shall be chosen from those given in ISO 5457.

3.1.4 The preferred scales, in accordance with ISO 5455, are the following:

- a) main views and sections: 1:50, 1:20, 1:10;
- b) details: 1:20, 1:10, 1:5, 1:2, 1:1.

3.1.5 Views and sections shall be represented in accordance with the method using reference arrows as specified in ISO 128.