

**Tehnilised joonised. Montaažijoonised.
Joonised monteeritavate struktuuride
kokkupanemiseks**

Technical drawings - Construction drawings -
Drawings for the assembly of prefabricated
structures

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 4172:1999 sisaldab Euroopa standardi EN ISO 4172:1996 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 4172:1999 consists of the English text of the European standard EN ISO 4172:1996.

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.

ICS 01.100.30

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

Right to reproduce and distribute Estonian Standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact Estonian Centre for Standardisation:
Aru str 10 Tallinn 10317 Estonia; www.evs.ee; Phone: +372 605 5050; E-mail: info@evs.ee

EUROPEAN STANDARD

EN ISO 4172

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1996

ICS 01.100.30

Descriptors: see ISO document

English version

**Technical drawings - Construction drawings -
Drawings for the assembly of prefabricated
structures (ISO 4172:1991)**

Dessins techniques - Dessins de construction -
Dessins d'assemblage des structures
préfabriquées (ISO 4172:1991)

Technische Zeichnungen - Zeichnungen für das
Bauwesen - Zeichnungen für den Zusammenbau
vorgefertigter Teile (ISO 4172:1991)

This European Standard was approved by CEN on 1996-10-25. 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.

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

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 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 May 1997, and conflicting national standards shall be withdrawn at the latest by May 1997.

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 4172:1991 has been approved by CEN as a European Standard without any modification.

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

This document is a preview generated by EVS

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 2553	1984	Welded, brazed and soldered joints - Symbolic representation on drawings	EN 22553	1994
ISO 5455	1979	Technical drawings - Scales	EN ISO 5455	1994

INTERNATIONAL STANDARD

ISO
4172

Second edition
1991-03-01

This document is a preview generated by EVS

Technical drawings — Construction drawings — Drawings for the assembly of prefabricated structures

*Dessins techniques — Dessins de construction — Dessins d'assemblage
des structures préfabriquées*

INTERNATIONAL

ISO



Reference number
ISO 4172:1991(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 4172 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*.

This second edition cancels and replaces the first edition (ISO 4172:1981), clause 2 and subclause 4.3 of which have been technically revised.

Technical drawings — Construction drawings — Drawings for the assembly of prefabricated structures

1 Scope

This International Standard specifies general rules for the preparation of working drawings intended for the field assembly of prefabricated structures for building and civil engineering works.

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 129:1985, *Technical drawings — Dimensioning — General principles, definitions, methods of execution and special indications*.

ISO 1046:1973, *Architectural and building drawings — Vocabulary*.

ISO 2444:1988, *Joints in building — Vocabulary*.

ISO 2445:1972, *Joints in building — Fundamental principles for design*.

ISO 2553:1984, *Welds — Symbolic representation on drawings*.

ISO 4068:1978, *Building and civil engineering drawings — Reference lines*.

ISO 4157-1:1980, *Building drawings — Part 1: Designation of buildings and parts of buildings*.

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*.

ISO 7200:1984, *Technical drawings — Title blocks*.

ISO 7437:1990, *Technical drawings — Construction drawings — General rules for execution of production drawings for prefabricated structural components*.

ISO 8048:1984, *Technical drawings — Construction drawings — Representation of views, sections and cuts*.

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 prefabricated structure: Structure erected out of prefabricated structural components.

3.2 prefabricated structural component: Component of a prefabricated structure delivered to the construction site as a purpose-made part.

4 Documentation

4.1 General

The documentation for prefabricated structures shall comprise

- location drawings (general arrangement drawings),
- detail drawings,