

**Tehnilised joonised. Montaažijoonised.  
Üldvaate- ja koostejooniste koostamisel  
järgitavad üldpõhimõtted**

Technical drawings - Construction drawings -  
General principles of presentation for general  
arrangement and assembly drawings

## EESTI STANDARDI EESSÕNA

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

Standard on kättesaadav Eesti standardiorganisatsioonist.

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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.

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ICS 01.100.30

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EUROPEAN STANDARD

EN ISO 7519

NORME EUROPÉENNE

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Descriptors: see ISO document

English version

**Technical drawings - Construction drawings -  
General principles of presentation for general  
arrangement and assembly drawings  
(ISO 7519:1991)**

Dessins techniques - Dessins de construction -  
Principes généraux de présentation pour des  
dessins d'ensemble et d'assemblage  
(ISO 7519:1991)

Technische Zeichnungen - Zeichnungen für das  
Bauwesen - Allgemeine Grundlagen für  
Anordnungspläne und Zusammenbauzeichnungen  
(ISO 7519:1991)

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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of an identical text or by endorsement, at the latest by May 1997, and conflicting national standards shall be withdrawn at the latest by May 1997.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 7519:1991 has been approved by CEN as a European Standard without any modification.

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# INTERNATIONAL STANDARD

**ISO**  
**7519**

First edition  
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## **Technical drawings — Construction drawings — General principles of presentation for general arrangement and assembly drawings**

*Dessins techniques — Dessins de construction — Principes généraux de  
présentation pour des dessins d'ensemble et d'assemblage*



Reference number  
ISO 7519:1991(E)

## Foreword

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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 7519 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Sub-Committee SC 8, *Construction documentation*.

Annex A of this International Standard is for information only.

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# Technical drawings — Construction drawings — General principles of presentation for general arrangement and assembly drawings

## 1 Scope

This International Standard is complementary to ISO 128 for construction drawings and establishes general principles of presentation to be applied to construction drawings for general arrangement and assembly, mainly within the field of building and architectural drawings.

## 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 9431:1990, *Construction drawings — Spaces for drawing and for text, and title blocks on drawing sheets*.

## 3 General

**3.1** Building components which are detailed or specified in other documents (e.g. component range drawings, detail drawings and specifications) can be shown in a very simple manner on general arrangement and assembly drawings.

**3.2** The degree of simplification depends on the kind of object represented, the scale of the drawing and the purpose of the documentation.

**3.3** In a simplified representation only essential features shall be shown, if possible in outline only. The object shall be drawn to scale.

**3.4** Figures in a simplified representation may be completed with graphical symbols, designations and text.

**3.5** Reference shall be made, normally in the space for text on the drawing sheet, to the specified documentation for manufacturing, construction and assembly (see ISO 9431).

## 4 Lines

**4.1** The types and description of lines shall be in accordance with ISO 128, with the addition of an extra-thick line.

**4.2** An extra-thick line shall be used to stress certain parts.

**4.3** The following thicknesses of lines shall be used:

thin line — relative thickness 1;

thick line — relative thickness 2;

extra-thick line — relative thickness 4.

**4.4** On an individual drawing, two or three different line thicknesses may be used.

**4.5** Outlines of parts in section are generally drawn with thicker lines than those in view (see figure 1).