

Technical drawings - General principles of presentation - Part 20: Basic conventions for lines

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 128-20:2002 sisaldab Euroopa standardi EN ISO 128-20:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.04.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 128-20:2002 consists of the English text of the European standard EN ISO 128-20:2001.</p> <p>This document is endorsed on 19.04.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This part of EN ISO 128 establishes the types of lines, their designations and their configurations, as well as general rules for draughting of lines used in technical drawings, e.g. diagrams, plans or maps.</p>	<p>Scope:</p> <p>This part of EN ISO 128 establishes the types of lines, their designations and their configurations, as well as general rules for draughting of lines used in technical drawings, e.g. diagrams, plans or maps.</p>
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Võtmesõnad:

English version

Technical drawings – General principles of presentation

**Part 20: Basic conventions for lines
(ISO 128-20 : 1996)**

Dessins techniques – Principes
généraux de représentation –
Partie 20: Conventions de base pour
les traits (ISO 128-20 : 1996)

Technische Zeichnungen – Allge-
meine Grundlagen der Darstellung –
Teil 20: Linien, Grundregeln
(ISO 128-20 : 1996)

This European Standard was approved by CEN on 2001-09-30.

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 Management Centre 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 Management Centre 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

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 128-20 : 1996 Technical drawings – General principles of presentation – Part 20: Basic conventions for lines,

which was prepared by ISO/TC 10 'Technical drawings, product definition and related documentation' of the International Organization for Standardization, has been adopted by CEN/CMC as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by April 2002 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 128-20 : 1996 was approved by CEN as a European Standard without any modification.

Introduction

ISO 128-20 was prepared as ISO/DIS 12011-1.

ISO 128-20 contains generally applicable rules for the presentation of lines in all kinds of technical product documentation.

The application of lines within drawings of special technical fields varies considerably. Therefore rules of application are not given in this part of ISO 128.

Other International Standards containing rules for lines in specialized fields are listed in annex A.

1 Scope

This part of ISO 128 establishes the types of lines, their designations and their configurations, as well as general rules for draughting of lines used in technical drawings, e.g. diagrams, plans or maps.

2 Definitions

For the purposes of this part of ISO 128, the following definitions apply.

2.1 line: Geometrical object, the length of which is more than half of the line width and which connects an origin with an end in any way, e.g. straight, curved, without or with interruptions.

NOTES

- 1 The origin and the end may coincide with one another, e.g. in the case of a line forming a circle.
- 2 A line, the length of which is less than or equal to half of the line width, is called a dot.
- 3 A test should be made in order to check the appearance of drawings intended to be microcopied or transferred by fax.

2.2 line element: Single part of a non-continuous line, e.g. dots, dashes, which vary in length, and gaps.

2.3 line segment: Group of two or more different line elements which form a non-continuous line, e.g. long dash/gap/dot/gap/dot/gap.