

**Kirjapaber ja teatud trükimaterjalide liigid - Lõigatud formaadid - A ja B seeria**

**Writing paper and certain classes of printed matter - Trimmed sizes - A and B series**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 20216:1999 sisaldab Euroopa standardi EN 20216:1990 ingliskeelset teksti.	This Estonian standard EVS-EN 20216:1999 consists of the English text of the European standard EN 20216:1990.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 19.03.1990.	Date of Availability of the European standard is 19.03.1990.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

ICS 85.080

Võtmesõnad: dimensions, papers, printed forms, writing papers,

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Key words: Paper, writing paper, printed forms, designation, dimensional tolerances

## English version

Writing paper and certain classes of printed  
matter - Trimmed sizes - A and B series  
(ISO 216:1975)

Papiers d'écriture et certaines  
catégories d'imprimés - Formats finis -  
Séries A et B  
(ISO 216:1975)

Schreibpapier und bestimmte Gruppen von  
Drucksachen - Endformate - A- und  
B-Reihen  
(ISO 216:1975)

This European Standard was accepted by CEN on 1990-03-12 and is identical to the ISO standard as referred to.

CEN members are bound to comply with the requirements of the CEN/CENELEC Common Rules 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 CEN Central Secretariat or to any CEN member.

This European Standard exists 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 CEN Central Secretariat has the same status as the official versions.

CEN members are the national standards organizations 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 Bréderode 2, B-1000 Brussels

## BRIEF HISTORY

Based on the positive result of the Preliminary Questionnaire procedure, the Technical Board decided by Resolution BT 188/1989 to submit the International Standard

ISO 216 : 1975 'Writing paper and certain classes of printed matter; Trimmed sizes; A and B series.'

to the Formal Vote.

In accordance with the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Iceland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

## STATEMENT

The text of the International Standard ISO 216, edition 1975 was approved by CEN as a European Standard without any modification.

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# INTERNATIONAL STANDARD



# 216

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Writing paper and certain classes of printed matter — Trimmed sizes — A and B series

*Papiers d'écriture et certaines catégories d'imprimés — Formats finis — Séries A et B*

First edition — 1975-05-15

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Ref. No. ISO 216-1975 (E)

**Descriptors :** papers, writing papers, printed forms, dimensions.

Price based on 3 pages

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 6 has reviewed ISO Recommendation R 216 and found it suitable for transformation. International Standard ISO 216 therefore replaces ISO Recommendation R 216-1961 to which it is technically identical.

ISO Recommendation R 216 was approved by the Member Bodies of the following countries :

Austria	India	Sweden
Belgium	Israel	Switzerland
Burma	Japan	Turkey
Chile	New Zealand	United Kingdom
Czechoslovakia	Norway	U.S.S.R.
Denmark	Poland	Yugoslavia
Germany	Portugal	
Greece	Romania	

The Member Bodies of the following countries expressed disapproval of the Recommendation on technical grounds :

France\*  
Ireland\*

The Member Bodies of the following countries disapproved the transformation of ISO/R 216 into an International Standard :

Canada	Norway
Finland	U.S.A.
New Zealand	

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\* Subsequently, these Member Bodies approved the Recommendation.

# Writing paper and certain classes of printed matter — Trimmed sizes — A and B series

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the trimmed sizes of writing paper and certain classes of printed matter.

It applies to trimmed sizes of paper for administrative, commercial and technical use, and also to certain classes of printed matter, such as forms, catalogues, etc.

It does not necessarily apply to newspapers, published books, posters or other special items which may be the subject of separate International Standards.

## 2 REFERENCE

ISO/R 187, *Method for the conditioning of paper and board test samples*.

## 3 UNDERLYING PRINCIPLES

### 3.1 Basic principles (regularly derived sizes)

The system of paper sizes is built on the following basis : each normal series (regularly derived sizes) consists of a range of sizes formed in such a manner that each size is achieved by dividing the size immediately above it into two equal parts, the division being parallel to the shorter side (the halving principle). Consequently the areas of two successive sizes are in the ratio 2 : 1 (see figure 1).

All the sizes in each series are geometrically similar to one another (the principle of similarity) (see figure 2). This requirement, combined with that explained in the preceeding paragraph, gives the following equation for the sides  $x$  and  $y$  of a given size (see figure 3) :

$$y : x = \sqrt{2} : 1 = 1,414 \quad \dots (1)$$

In other words, the ratio between the sides  $x$  and  $y$  is equal to the ratio between the side and the diagonal of a square.

FIGURE 1

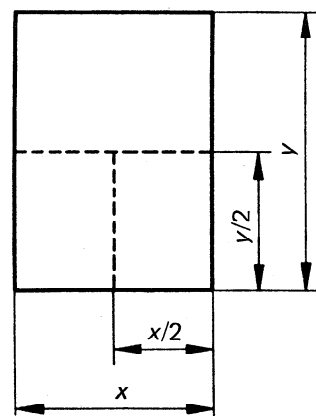


FIGURE 2

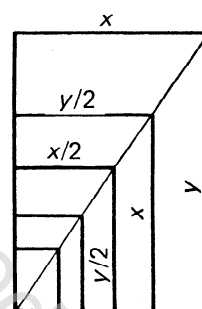


FIGURE 3

