



**SLOVENSKI STANDARD**  
**SIST EN ISO 216:2002**

**01-maj-2002**

**BUXca Yý U**  
**SIST EN 20216:1996**

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**Pisalni papir in nekatere vrste tiskovin - Obrezane pole - Formata A in B (ISO 216:1975)**

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

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

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

<https://standards.iteh.ai/catalog/standards/sist/a3ff6329-6575-4768-a69f-e532723132de/sist-en-iso-216-2002>

**Ta slovenski standard je istoveten z: EN ISO 216:2001**

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**ICS:**

85.080.10      Pisarniški papir      Office paper

**SIST EN ISO 216:2002**      **en**

**iTeh STANDARD PREVIEW**  
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 216**

October 2001

ICS 85.080

Supersedes EN 20216:1990

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 - Series A et B (ISO 216:1975)

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

This European Standard was approved by CEN on 4 October 2001.

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.

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 the Management Centre has the same status as the official versions.

**iTeh STANDARD PREVIEW**

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

**EN ISO 216:2001 (E)**

<b>CORRECTED 2001-12-05</b>
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**Foreword**

The text of the International Standard from Technical Committee ISO/TC 6 "Paper, board and pulps" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 172 "Pulp, paper and board", the secretariat of which is held by DIN.

This European Standard supersedes EN 20216:1990.

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 April 2002, and conflicting national standards shall be withdrawn at the latest by April 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, 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 216:1975 has been approved by CEN as a European Standard without any modification.

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

[SIST EN ISO 216:2002](https://standards.iteh.ai/catalog/standards/sist/a3ff6329-6575-4768-a69f-e532723132de/sist-en-iso-216-2002)

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**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 (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 187	1990	Paper, board and pulps – Standard atmosphere for conditioning and testing and procedure monitoring the atmosphere and conditionally quality	EN 20187	1993

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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*

**iTeh STANDARD PREVIEW**

First edition — 1975-05-15

**(standards.iteh.ai)**

SIST EN ISO 216:2002

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UDC 676.232-416 (ISO)

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. 2002

<https://standards.iteh.ai/catalog/standards/sist/a3ff6329-6575-4768-a69f->

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	

\* 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.

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## 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 preceding 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.

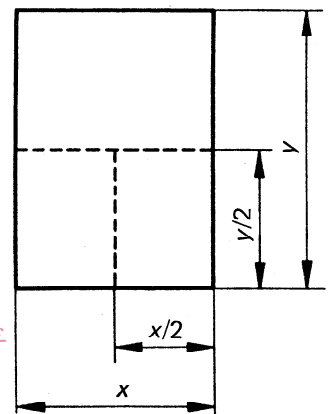


FIGURE 1

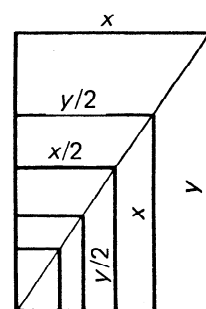


FIGURE 2

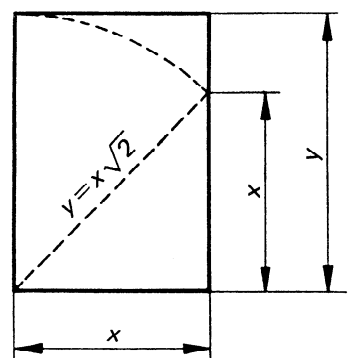


FIGURE 3