



**SLOVENSKI STANDARD**  
**SIST EN ISO 4033:2002**

**01-julij-2002**

**BUXca Yý U**  
**SIST EN 24033:1996**

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**Šestrobo matice, tip 2 - Razreda izdelave A in B (ISO 4033:1999)**

Hexagon nuts, style 2 - Product grades A and B (ISO 4033:1999)

Sechskantmuttern, Typ 2 - Produktklassen A und B (ISO 4033:1999)

Ecrous hexagonaux, style 2 - Grades A et B (ISO 4033:1999)

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**Ta slovenski standard je istoveten z: EN ISO 4033:2000**

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**ICS:**

21.060.20      Matice      Nuts

**SIST EN ISO 4033:2002      en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 4033

November 2000

ICS 21.060.10

Supersedes EN 24033:1991

English version

Hexagon nuts, style 2 - Product grades A and B (ISO  
4033:1999)

Ecrous hexagonaux, style 2 - Grades A et B (ISO  
4033:1999)

Sechskantmuttern, Typ 2 - Produktklassen A und B (ISO  
4033:1999)

This European Standard was approved by CEN on 26 October 2000.

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.

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

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EN ISO 4033:2000

## Foreword

The text of the International Standard from Technical Committee ISO/TC 2 "Fasteners" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 185 "Threaded and non-threaded mechanical fasteners and accessories", the secretariat of which is held by DIN.

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 2001, and conflicting national standards shall be withdrawn at the latest by May 2001.

This European Standard supersedes EN 24033:1991.

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 4033:1999 has been approved by CEN as a European Standard without any modification.

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

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 225	1983	Fasteners - Bolts, screws, studs and nuts - Symbols and designations of dimensions	EN 20225	1991
ISO 898-2	1992	Mechanical properties of fasteners - Part 2: Nuts with specified proof load values - Coarse thread	EN 20898-2	1993
ISO 3269	2000	Fasteners - Acceptance inspection	EN ISO 3269	2000
ISO 4042	1999	Fasteners - Electroplated coatings	EN ISO 4042	1999

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# INTERNATIONAL STANDARD

**ISO  
4033**

Second edition  
1999-08-15

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## Hexagon nuts, style 2 — Product grades A and B

*Écrous hexagonaux, style 2 — Grades A et B*

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Reference number  
ISO 4033:1999(E)

**ISO 4033:1999(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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 4033 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

This second edition cancels and replaces the first edition (ISO 4033:1979) which has been technically revised.

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## Introduction

This International Standard is part of the complete ISO product standard series on external hexagon drive fasteners. The series comprises:

- a) hexagon head bolts (ISO 4014 to ISO 4016 and ISO 8765);
- b) hexagon head screws (ISO 4017, ISO 4018 and ISO 8676);
- c) hexagon nuts (ISO 4032 to ISO 4036, ISO 8673 to ISO 8675);
- d) hexagon bolts with flange (ISO 4162 and ISO 15071);
- e) hexagon nuts with flange (ISO 4161 and ISO 10663);
- f) structural bolts and nuts (ISO 4775, ISO 7411 to ISO 7414 and ISO 7417).

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