



SLOVENSKI STANDARD SIST EN ISO 7046-1:1996

01-april-1996

Vijaki z ugrezno glavo in križno zarezo - Razred izdelave A - 1. del: Jeklo trdnostnega razreda 4,8

Countersunk flat head screws (common head style with type H or type Z cross recess) - Product grade A - Part 1: Steel of property class 4.8 (ISO 7046-1:1994)

Senkschrauben (Einheitskopf) mit Kreuzschlitz Form H oder Form Z - Produktklasse A - Teil 1: Festigkeitsklasse 4,8 (ISO 7046-1:1994)

Vis a métaux a tete fraisée a empreinte cruciforme de type H ou de type Z - Grade A - Partie 1: Acier de classe de qualité 4,8 (ISO 7046-1:1994)

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Ta slovenski standard je istoveten z: **EN ISO 7046-1:1994**

ICS:

21.060.10 Sorniki, vijaki, stebelni vijaki Bolts, screws, studs

SIST EN ISO 7046-1:1996

en

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EUROPEAN STANDARD

EN ISO 7046-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1994

UDC 621.882.215.091.6

Descriptors: fasteners, screws, cross recessed screws, flat head screws, countersunk head screws, specifications, dimensions, designations

English version

Countersunk flat head screws (common head style with type H or type Z cross recess - Product grade A - Part 1: Steel of property class 4.8 (ISO 7046-1:1994)

Vis à métaux à tête fraisée à empreinte cruciforme de type H ou de type Z - Grade A - Partie 1: Acier de classe de qualité 4.8 (ISO 7046-1:1994)

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This European Standard was approved by CEN on 1994-07-26. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies 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 de Stassart, 36 B-1050 Brussels

Foreword

This European Standard has been taken over by the Technical Committee CEN/TC 185 "Threaded and non-threaded mechanical fasteners and accessories" from the work of ISO/TC 2 "Fasteners" of the International Organization for Standardization (ISO)

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 January 1995, and conflicting national standards shall be withdrawn at the latest by January 1995.

According to the CEN/CENELEC Internal Regulations, 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, United Kingdom.

Endorsement notice

The text of the International Standard ISO 7046-1:1994 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications 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 (including amendments).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 225	1983	Fasteners - Bolts, screws, studs-Symbols and designation of dimensions	EN 20225	1991
ISO 898-1	1988	Mechanical properties of fasteners - Part 1: Bolts, screws and studs	EN 20898-1	1991
ISO 6157-1	1988	Fasteners - Surface discontinuities - Part 1: Bolts, screws and studs for general requirements	EN 26157-1	1991
ISO 7721	1983	Countersunk head screws - Head configuration and gauging	EN 27721	1991

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INTERNATIONAL
STANDARD

ISO
7046-1

First edition
1994-04-01

**Countersunk flat head screws (common
head style) with type H or type Z cross
recess — Product grade A —**

Part 1:
Steel of property class 4.8
(standards.iteh.ai)

<https://standards.iteh.ai/catalog/standards/sist/8010eb5e-95e6-4322-bd27-b1097d68fc43/sist-en-iso-7046-1-1996>
*Vis à métaux à tête fraisée à empreinte cruciforme de type H ou de
type Z — Grade A*
Partie 1: Acier de classe de qualité 4.8



Reference number
ISO 7046-1:1994(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.

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 7046-1 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

This first edition cancels and replaces ISO 7046:1983, which has been technically revised.

ISO 7046 consists of the following parts, under the general title *Counter-sunk flat head screws (common head style) with type H or type Z cross recess — Product grade A*:

- Part 1: *Steel of property class 4.8*
- Part 2: *Steel of property class 8.8, stainless steel and non-ferrous metals*

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International Organization for Standardization
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Countersunk flat head screws (common head style) with type H or type Z cross recess — Product grade A —

Part 1: Steel of property class 4.8

1 Scope

This part of ISO 7046 specifies the characteristics of countersunk flat head screws with threads from M1,6 to M10 inclusive, of product grade A and property class 4.8, and with type H or type Z cross recess.

If, in special cases, specifications other than those listed in this part of ISO 7046 are required, they should be selected from existing International Standards, for example ISO 261, ISO 888, ISO 898-1 and ISO 965-2.

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2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 7046. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 7046 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 225:1983, *Fasteners — Bolts, screws, studs and nuts — Symbols and designations of dimensions.*

ISO 261:1973, *ISO general purpose metric screw threads — General plan.*

ISO 888:1976, *Bolts, screws and studs — Nominal lengths, and thread lengths for general purpose bolts.*

ISO 898-1:1988, *Mechanical properties of fasteners — Part 1: Bolts, screws and studs.*

ISO 965-2:1980, *ISO general purpose metric screw threads — Tolerances — Part 2: Limits of sizes for general purpose bolt and nut threads — Medium quality.*

ISO 3269:1988, *Fasteners — Acceptance inspection.*

ISO 4042:1989, *Threaded components — Electroplated coatings.*

ISO 4757:1983, *Cross recesses for screws.*

ISO 4759-1:1978, *Tolerances for fasteners — Part 1: Bolts, screws and nuts with thread diameters between 1,6 (inclusive) and 150 mm (inclusive) and product grades A, B and C.*