



SLOVENSKI STANDARD SIST EN ISO 2702:2011

01-oktober-2011

Nadomešča:
SIST EN ISO 2702:1996

Toplotno obdelani pločevinski vijaki - Mehanske lastnosti (ISO 2702:2011)

Heat-treated steel tapping screws - Mechanical properties (ISO 2702:2011)

Wärmebehandelte Blechschrauben aus Stahl - Mechanische Eigenschaften (ISO 2702:2011)

Vis à tôle en acier traité thermiquement - Caractéristiques mécaniques (ISO 2702:2011)

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Ta slovenski standard je istoveten z: **EN ISO 2702:2011**

[SIST EN ISO 2702:2011](http://standards.iteh.ai/catalog/standards/sist/2702-2011/en-iso-2702-2011)
<http://standards.iteh.ai/catalog/standards/sist/2702-2011/en-iso-2702-2011>
[749816b71ae3/sist-en-iso-2702-2011](https://doi.org/10.25541/749816b71ae3/sist-en-iso-2702-2011)

ICS:

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

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en,fr,de

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EUROPEAN STANDARD

EN ISO 2702

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2011

ICS 21.060.10

Supersedes EN ISO 2702:1994

English Version

Heat-treated steel tapping screws - Mechanical properties (ISO 2702:2011)

Vis à tôle en acier traité thermiquement - Caractéristiques mécaniques (ISO 2702:2011)

Wärmebehandelte Blechschrauben aus Stahl - Mechanische Eigenschaften (ISO 2702:2011)

This European Standard was approved by CEN on 28 April 2011.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

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Foreword

This document (EN ISO 2702:2011) has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with Technical Committee CEN/TC 185 "Fasteners" 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 November 2011, and conflicting national standards shall be withdrawn at the latest by November 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 2702:1994.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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The text of ISO 2702:2011 has been approved by CEN as a EN ISO 2702:2011 without any modification.

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INTERNATIONAL STANDARD

**ISO
2702**

Third edition
2011-05-01

Heat-treated steel tapping screws — Mechanical properties

Vis à tôle en acier traité thermiquement — Caractéristiques mécaniques

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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 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 2702 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 13, *Fasteners with non-metric thread*.

This third edition cancels and replaces the second edition (ISO 2702:1992), which has been technically revised. In particular, the following modifications have been carried out:

- a) the Scope was expended to ST9,5;
- b) the maximum core hardness was reduced from 390 HV to 370 HV (see 4.1.3);
- c) reference to ISO 898-7 concerning torque-measuring device was added (see 6.2.2).