



SLOVENSKI STANDARD

SIST EN ISO 7085:2003

01-julij-2003

Mehanske in zmogljivostne zahteve za toplotno poboljšane metrske vijake z uvaljanim navojem (ISO 7085:1999)

Mechanical and performance requirements of case hardened and tempered metric thread rolling screws (ISO 7085:1999)

Mechanische und funktionelle Eigenschaften von einsatzgehärteten und angelassenen metrischen gewindefurchenden Schrauben (ISO 7085:1999)

Caractéristiques mécaniques et fonctionnelles des vis autotaraudeuses par déformation, à filetage métrique, cémentées et revenues (ISO 7085:1999)

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Ta slovenski standard je istoveten z: EN ISO 7085:1999

ICS:

21.040.10	Metrski navoji	Metric screw threads
21.060.10	Sorniki, vijaki, stebelni vijaki	Bolts, screws, studs

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 7085

September 1999

ICS 21.060.10

English version

Mechanical and performance requirements of case hardened
and tempered metric thread rolling screws (ISO 7085:1999)

Caractéristiques mécaniques et fonctionnelles des vis
autotaraudeuses par déformation, à filetage métrique,
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Mechanische und funktionelle Eigenschaften von
einsatzgehärteten und angelassenen metrischen
gewindefurchenden Schrauben (ISO 7085:1999)

This European Standard was approved by CEN on 24 July 1999.

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.

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 Central Secretariat 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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard ISO 7085:1999 has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with 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 March 2000, and conflicting national standards shall be withdrawn at the latest by March 2000.

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 7085:1999 was 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 898-2	1992	Mechanical properties of fasteners - Part 2: Nuts with specified proof load values - Coarse thread	EN 20898-2	1993
ISO 4042	1999	Fasteners - Electroplated coatings	EN ISO 4042	1999
ISO 6507-1	1997	Metallic materials - Vickers hardness test - Part 1: Test method	EN ISO 6507-1	1997
ISO 15330	1999	Fasteners - Preloading test for the detection of hydrogen embrittlement - Parallel bearing surface method	EN ISO 15330	1999

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INTERNATIONAL STANDARD

**ISO
7085**

First edition
1999-09-01

Mechanical and performance requirements of case hardened and tempered metric thread rolling screws

*Caractéristiques mécaniques et fonctionnelles des vis autotaraudeuses par
déformation, à filetage métrique, cémentées et revenues*

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Reference number
ISO 7085:1999(E)

ISO 7085:1999(E)

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Printed in Switzerland

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 7085 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee 1, *Mechanical properties of fasteners*.

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