



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN ISO 7085:2000**

ICS 21.060.10

**MECHANICAL AND PERFORMANCE  
REQUIREMENTS OF CASE HARDENED AND  
TEMPERED METRIC THREAD ROLLING  
SCREWS (ISO 7085:1999)**

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel: (01) 807 3800  
Tel: (01) 807 3838

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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,  
cémentées et revenues (ISO 7085:1999)

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.

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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.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## **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of an identical text or by endorsement, at the latest by March 2000, and conflicting national standards shall be withdrawn at the latest by March 2000.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).

**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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