



**SLOVENSKI STANDARD**  
**SIST EN ISO 3785:2006**

01-maj-2006

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**SIST EN ISO 3785:1996**

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Metallic materials - Designation of test specimen axes in relation to product texture (ISO 3785:2006)

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Metallische Werkstoffe - Kennzeichnung von Probenachsen in Bezug zur  
Halbzeuggefügetextur (ISO 3785:2006)

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Matériaux métalliques - Désignation des axes des éprouvettes en relation avec la texture  
du produit (ISO 3785:2006)

**Ta slovenski standard je istoveten z: EN ISO 3785:2006**

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**ICS:**

77.040.10 Mehansko preskušanje kovin Mechanical testing of metals

**SIST EN ISO 3785:2006**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 3785**

February 2006

ICS 77.040.10

Supersedes EN ISO 3785:1995

English Version

**Metallic materials - Designation of test specimen axes in relation  
to product texture (ISO 3785:2006)**

Matériaux métalliques - Désignation des axes des  
éprouvettes en relation avec la texture du produit (ISO  
3785:2006)

Metallische Werkstoffe - Kennzeichnung von  
Probenachsen im Bezug zur Halbzeuggefügetextur (ISO  
3785:2006)

This European Standard was approved by CEN on 16 January 2006.

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, 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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**EN ISO 3785:2006 (E)****Foreword**

This document (EN ISO 3785:2006) has been prepared by Technical Committee ISO/TC 164 "Mechanical testing of metals" in collaboration with Technical Committee ECISS/TC 1 "Steel - Mechanical testing", the secretariat of which is held by AFNOR.

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 August 2006, and conflicting national standards shall be withdrawn at the latest by August 2006.

This document supersedes EN ISO 3785:1995.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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.

**Endorsement notice**

The text of ISO 3785:2006 has been approved by CEN as EN ISO 3785:2006 without any modifications.

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# INTERNATIONAL STANDARD

**ISO  
3785**

Second edition  
2006-02-01

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## **Metallic materials — Designation of test specimen axes in relation to product texture**

*Matériaux métalliques — Désignation des axes des éprouvettes en  
relation avec la texture du produit*

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Reference number  
ISO 3785:2006(E)

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Published in Switzerland

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## ISO 3785:2006(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 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 3785 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 4, *Toughness testing — Fracture (F), Pendulum (P), Tear (T)*.

This second edition cancels and replaces the first edition (ISO 3785:1976), which has been technically revised.

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## Introduction

The measured mechanical properties of a metallic product, especially those characterizing ductility and toughness, such as elongation, reduction of area, fracture toughness and impact resistance, are dependent on the test specimen location within the product and orientation with respect to the product's principal directions of metal working, grain flow or otherwise-produced texture. This International Standard specifies a method for designating specimen orientation in relation to product texture.

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