



SLOVENSKI STANDARD SIST EN ISO 6506-3:2006

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Metalski materiali - Brinellova trdnostna preizkušnja - Del 3: Kalibracija referenčnih blokov (ISO 6506-3:2005)

Metallische Werkstoffe - Härteprüfung nach Brinell - Teil 3: Kalibrierung von Härtevergleichsplatten (ISO 6506-3:2005)

Matériaux métalliques - Essai de dureté Brinell - Partie 3: Etalonnage des blocs de référence (ISO 6506-3:2005)

Ta slovenski standard je istoveten z: EN ISO 6506-3:2005

ICS:

77.040.10 Mehansko preskušanje kovin Mechanical testing of metals

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en

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English Version

Metallic materials - Brinell hardness test - Part 3: Calibration of
reference blocks (ISO 6506-3:2005)

Matériaux métalliques - Essai de dureté Brinell - Partie 3:
Etalonnage des blocs de référence (ISO 6506-3:2005)

Metallische Werkstoffe - Härteprüfung nach Brinell - Teil 3:
Kalibrierung von Härtevergleichsplatten (ISO 6506-3:2005)

This European Standard was approved by CEN on 14 December 2005.

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

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Foreword

This document (EN ISO 6506-3:2005) 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of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

This document supersedes EN ISO 6506-3:1999.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of ISO 6506-3:2005 has been approved by CEN as EN ISO 6506-3:2005 without any modifications.

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**Metallic materials — Brinell hardness
test —**

**Part 3:
Calibration of reference blocks**

*Matériaux métalliques — Essai de dureté Brinell —
Partie 3: Étalonnage des blocs de référence*
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Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Manufacture of reference blocks	1
4 Calibration machine	2
5 Calibration procedure	3
6 Number of indentations	3
7 Uniformity of hardness	4
8 Marking	4
9 Validity	5
Annex A (informative) Uncertainty of measurement of hardness reference blocks	6
Bibliography	9

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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 6506-3 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 3, *Hardness testing*.

This second edition cancels and replaces the first edition (ISO 6506-3:1999) which has been technically revised.

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ISO 6506 consists of the following parts, under the general title *Metallic materials — Brinell hardness test*:

- *Part 1: Test method* <https://standards.iteh.ai/catalog/standards/sist/15b7847b-5a86-44b3-aaf6-50ad4805c6aa/sist-en-iso-6506-3-2006>
- *Part 2: Verification and calibration of testing machines*
- *Part 3: Calibration of reference blocks*
- *Part 4: Table of hardness values*

Introduction

Attention is drawn to the fact that in this part of ISO 6506, only the use of the hardmetal ball indenter is specified.

The designation of the Brinell hardness is HBW and should not be confused with the former designation HB, or HBS when a steel ball indenter was used.

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