

## **Metallic materials - Brinell hardness test - Part 4: Table of hardness values**

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Table of hardness values

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 6506-4:2006 sisaldab Euroopa standardi EN ISO 6506-4:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 27.02.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 6506-4:2006 consists of the English text of the European standard EN ISO 6506-4:2005.</p> <p>This document is endorsed on 27.02.2006 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This part of ISO 6506 gives a table of the Brinell hardness values for use in tests on flat surfaces.</p>	<p><b>Scope:</b> This part of ISO 6506 gives a table of the Brinell hardness values for use in tests on flat surfaces.</p>
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ICS 77.040.10

Võtmesõnad:

ICS 77.040.10

English Version

**Metallic materials - Brinell hardness test - Part 4: Table of  
hardness values (ISO 6506-4:2005)**

Matériaux métalliques - Essai de dureté Brinell - Partie 4:  
Tableaux des valeurs de dureté (ISO 6506-4:2005)

Metallische Werkstoffe - Härteprüfung nach Brinell - Teil 4:  
Tabelle zur Bestimmung der Härte (ISO 6506-4:2005)

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN ISO 6506-4:2005) 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of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

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## Endorsement notice

The text of ISO 6506-4:2005 has been approved by CEN as EN ISO 6506-4:2005 without any modifications.

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**Metallic materials — Brinell hardness  
test —**

**Part 4:  
Table of hardness values**

*Matériaux métalliques — Essai de dureté Brinell —*

*Partie 4: Tableaux pour les essais de dureté*



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## Foreword

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ISO 6506-4 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 3, *Hardness testing*.

This first edition of ISO 6506-4 cancels and replaces Annex C of ISO 6506-1:1999.

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

- *Part 1: Test method*
- *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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