

Metallic materials — Brinell hardness test —

Part 4: Table of hardness values

The European Standard EN ISO 6506-4:2005 has the status of a British Standard

ICS 77.040.10

National foreword

This British Standard is the official English language version of EN ISO 6506-4:2005. It is identical with ISO 6506-4:2005.

The UK participation in its preparation was entrusted by Technical Committee ISE/NFE/4, Mechanical testing of metals, to Subcommittee ISE/NFE/4/5, Indentation hardness testing, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

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Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to iv, pages 1 to 12, an inside back cover and a back cover.

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Amendments issued since publication

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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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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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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.

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

INTERNATIONAL STANDARD

**ISO
6506-4**

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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



Reference number
ISO 6506-4:2005(E)



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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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.

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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*