



SLOVENSKI STANDARD SIST EN ISO 6508-3:2000

01-oktober-2000

BUXca Yý U
SIST EN 10109-3:1996

?cj jbg_]a UYf]U]!`DfYg_i g`lfXch`dc`FcW_k Y`i `!` "XY.`? U]VfUW]Udf]a Yf`Ubj\`
d`cý]Wfg_UY5 Ž6 Ž7 Ž8 Ž9 Ž: Ž; Ž<Ž? ŽBŽHLfGC*) \$, !' .% -- Ł

Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks
(scales A, B, C, D, E, F, G, H, K, N, T) (ISO 6508-3:1999)

Metallische Werkstoffe - Härteprüfung nach Rockwell (Skalen A, B, C, D, E, F, G, H, K,
N, T) - Teil 3: Kalibrierung von Härtevergleichsplatten (ISO 6508-3:1999)

Matériaux métalliques - Essai de dureté Rockwell - Partie 3: Etalonnage des blocs de
référence (échelles A, B, C, D, E, F, G, H, K, N, T) (ISO 6508-3:1999)

Ta slovenski standard je istoveten z: EN ISO 6508-3:1999

ICS:

77.040.10 Mehansko preskušanje kovin Mechanical testing of metals

SIST EN ISO 6508-3:2000

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 6508-3:2000](#)

<https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8accd7/sist-en-iso-6508-3-2000>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6508-3

September 1999

ICS 77.040.10

English version

Metallic materials - Rockwell hardness test - Part 3: Calibration
of reference blocks (scales A, B, C, D, E, F, G, H, K, N, T) (ISO
6508-3:1999)

Matériaux métalliques - Essai de dureté Rockwell - Partie 3:
Étalonnage des blocs de référence (échelles A, B, C, D, E,
F, G, H, K, N, T) (ISO 6508-3:1999)

Metallische Werkstoffe - Härteprüfung nach Rockwell
(Skalen A, B, C, D, E, F, G, H, K, N, T) - Teil 3: Kalibrierung
von Härtevergleichsplatten (ISO 6508-3:1999)

This European Standard was approved by CEN on 8 July 1999.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8acc7/sist-en-iso-6508-3-2000>



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

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

Page 2
EN ISO 6508-3:1999

Foreword

The text of the International Standard ISO 6508-3:1999 has been prepared by Technical Committee ISO/TC 164 "Mechanical testing of metals" in collaboration with Technical Committee EC/ISS/TC 1 "Steel testing", the secretariat of which is held by AFNOR.

This European Standard supersedes EN 10109-3:1994.

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.

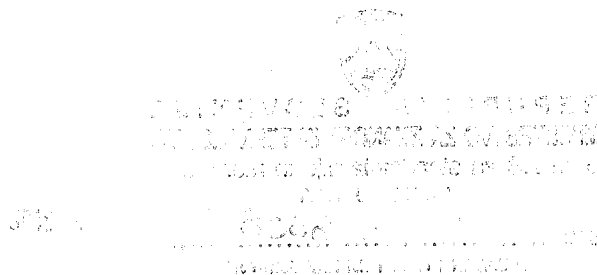
According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 6508-3:1999 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

SIST EN ISO 6508-3:2000
<https://standards.iteh.ai/catalog/standards/sist/d694a41e-90d7-4527-b6c1-3533bd8acc7/sist-en-iso-6508-3-2000>



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 3878	1983	Hardmetals - Vickers hardness test	EN 23878	1993
ISO 4287	1997	Geometrical product specifications (GPS) - Surface texture: Profile method - Terms, definitions and surface texture parameters	EN ISO 4287	1998
ISO 6507-1	1997	Metallic materials - Vickers hardness test - Part 1: Test method	EN ISO 6507-1	1997

SIST EN ISO 6508-3:2000

<https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8acc7/sist-en-iso-6508-3-2000>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 6508-3:2000](#)

<https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8accd7/sist-en-iso-6508-3-2000>

INTERNATIONAL STANDARD

ISO
6508-3

First edition
1999-09-01

Metallic materials — Rockwell hardness test —

Part 3:

Calibration of reference blocks (scales A, B, C,
D, E, F, G, H, K, N, T)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Matériaux métalliques — Essai de dureté Rockwell —

*Partie 3: Étalonnage des blocs de référence (échelles A, B, C, D, E, F, G,
H, K, N, T)*

[SIST EN ISO 6508-3:2000](https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8accd7/sist-en-iso-6508-3-2000)

<https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8accd7/sist-en-iso-6508-3-2000>



Reference number
ISO 6508-3:1999(E)

ISO 6508-3:1999(E)

Contents	Page
1 Scope	1
2 Normative references	1
3 Manufacture of reference blocks	1
4 Calibration machine.....	2
5 Calibration procedure.....	4
6 Number of indentations	4
7 Uniformity of hardness	4
8 Marking	5
9 Validity	5
Annex A (normative) Uniformity of reference blocks	6

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 6508-3:2000](https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8accd7/sist-en-iso-6508-3-2000)

<https://standards.iteh.ai/catalog/standards/sist/d694a41c-90d7-4527-b6c1-3533bd8accd7/sist-en-iso-6508-3-2000>

© ISO 1999

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

Printed in Switzerland

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 3.

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.

International Standard ISO 6508-3 was prepared by the Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 3, *Hardness testing*.

This first edition of ISO 6508-3 cancels and replaces ISO 674:1988 and ISO 1355:1989, of which it constitutes a technical revision as follows:

- Combination of the two different International Standards for the calibration of the hardness reference blocks (ISO 674:1988 and ISO 1355:1989) into this part of ISO 6508.
- Change of maximum permissible values of non-uniformity of the reference blocks in Table 2.
- Addition of clause 9 concerning the validity of the reference blocks.
- Addition of the hardmetal ball as indenter.

ISO 6508 consists of the following parts, under the general title *Metallic materials — Rockwell hardness test*:

- *Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T)*
- *Part 2: Verification and calibration of testing machines (scales A, B, C, D, E, F, G, H, K, N, T)*
- *Part 3: Calibration of reference blocks (scales A, B, C, D, E, F, G, H, K, N, T)*

Annex A forms a normative part of this part of ISO 6508.