



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 7736 : 1999
(ISO/DIS 6506-3 : 1997)

**Brinell hardness test—
Calibration of reference blocks**

ICS 77.040.10

Descriptors : brinell hardness measurement, hardness testing, control samples,
standard measures

Reference number : JIS B 7736 : 1999 (E)

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Foreword

This translation has been made based on the original Japanese Industrial Standard published by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS B 7736 : 1994** is replaced with **JIS B 7736 : 1999**.

Date of Establishment: 1983-12-01

Date of Revision: 1999-03-20

Date of Public Notice in Official Gazette: 1999-03-23

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Precision Machinery

JIS B 7736:1999, First English edition published in 2004-06

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Printed in Japan

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Brinell hardness test— Calibration of reference blocks

Introduction This Japanese Industrial Standard has been prepared based on **ISO/DIS 6506-3** *Metallic materials—Brinell hardness test—Part 3 : Calibration of reference blocks* published in 1987 without modifying the technical contents.

Portions underlined with dots are the matters not stated in the original International Standard.

1 Scope This Standard specifies a method for the calibration of Brinell hardness reference blocks (hereafter referred to as “reference blocks”) which are intended for use in the indirect verification of Brinell hardness testing machines as described in **JIS B 7724**.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of publication is given to these referred standards, only the edition of the indicated year constitutes the provision of this Standard but the revision and amendment made thereafter do not apply. The normative references without the indication of the year of coming into effect or the year of publication apply only to the most recent edition (including amendments).

JIS B 0601 *Geometrical Product Specification (GPS)—Surface texture : Profile method—Terms, definitions and surface texture parameters*

NOTE : ISO 468 : 1982 *Surface roughness—Parameters, their values and general rules for specifying requirements* and ISO 4287-1 : 1984 *Surface roughness—Terminology—Part 1 : Surface and its parameters* are equivalent to the said standard.

JIS B 7724 *Brinell hardness test—Verification of testing machines*

NOTE : ISO/DIS 6506-2 : 1997 *Metallic materials—Brinell hardness test—Part 2 : Verification of testing machines* is identical with the said standard.

JIS B 7728 *Calibration of force-proving instruments used for the verification of uniaxial testing machines*

NOTE : ISO/DIS 376 : 1996 *Metallic materials—Calibration of force-proving instruments used for the verification of uniaxial testing machines* is identical with the said standard.

JIS Z 2243 *Brinell hardness test—Test method*

NOTE : ISO/DIS 6506-1 : 1997 *Metallic materials—Brinell hardness test—Part 1 : Test method* is identical with the said standard.

ISO 3878 *Hardmetals—Vickers hardness test*

3 Manufacture of reference blocks The manufacture of reference blocks shall be as follows: