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

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

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Contents

		Page
Introduction		1
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Manufacture of reference blocks	2
5	Calibration machine	3
6	Calibration procedure	4
7	Number of indentations	4
8	Non-uniformity of reference block	4
8.1	Non-uniformity of hardness	4
8.2	Permissible value of non-uniformity	4
9	Marking	5
9.1	Marking items	5
9.2	Accompanying document	5
10	Validity	6
Annex A (informative) Uncertainty of the mean hardness value of reference blocks		7
Annex JA (informative) Material of the hardness-reference block		11
Bibliography		12
Annex JB (informative) Comparison table between JIS and corresponding International Standard		13

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Testing Machinery Association (JTM)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS B 7736:1999** is replaced with this Standard.

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Brinell hardness test—Calibration of reference blocks

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 6506-3:2014**, Edition 3, with some modifications of the technical contents to reflect the local needs and situations in Japan.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies a method for calibration of reference blocks to be used for the indirect verification of Brinell hardness testing machines specified in **JIS B 7724** (hereafter referred to as reference blocks).

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 6506-3:2014 *Metallic materials—Brinell hardness test—Part 3: Calibration of reference blocks* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

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

NOTE : Corresponding International Standard: ISO 4287 *Geometrical Product Specifications (GPS)—Surface texture: Profile method—Terms, definitions and surface texture parameters*

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

NOTE : Corresponding International Standard: ISO 6506-2 *Metallic materials—Brinell hardness test—Part 2: Verification and calibration of testing machines*

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

NOTE : Corresponding International Standard: ISO 376 *Metallic materials—Calibration of force-proving instruments used for the verification of uniaxial testing machines*