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

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In the event of any doubts arising as to the contents,  
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## 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 7730:2010** is replaced with this Standard.

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# Rockwell hardness test — Calibration of reference blocks

## Introduction

This Japanese Industrial Standard has been prepared based on ISO 6508-3 : 2015, 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 of scales A to H, K, N, and T, to be used for the indirect verification and daily checks and maintenance of Rockwell hardness testing machines specified in JIS B 7726 (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 6508-3 : 2015 *Metallic materials — Rockwell 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 (modification), 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 0621 *Definitions and designations of geometrical deviations*

JIS B 7726 *Rockwell hardness test — Verification and calibration of testing machines and indenters*

NOTE : Corresponding International Standard : ISO 6508-2 *Metallic materials — Rockwell hardness test — Part 2 : Verification and calibration of testing machines and indenters*