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**Mechanical presses — Testing of the
grades and the accuracy**

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Foreword

This Japanese Industrial Standard has been 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 Forming Machinery Association (JFMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS B 6402**: 1997), which has been technically revised.

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Mechanical presses — Testing of the grades and the accuracy

1 Scope

This Japanese Industrial Standard describes the accuracy grades and the testing of accuracy of single action crank presses and single action crankless presses among the machinery presses for general purposes, which are used for punching, bending, forming and drawing of metallic materials (hereafter referred to as the presses). This Standard is not applicable to the presses for hot forging and the link presses, and the presses of special structure ¹⁾.

Note ¹⁾ Special structure presses include screw presses, powder forming presses and exclusive use presses with feeding device.

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 0111 *Press machinery — Vocabulary*

JIS B 6190-1 *Test code for machine tools — Part 1 : Geometric accuracy of machines operating under no-load or quasi-static conditions*

JIS B 7440-2 *Geometrical product specifications (GPS) — Acceptance and verification tests for coordinate measuring machines (CMM) — Part 2 : CMMs used for measuring linear dimensions*

JIS B 7440-8 *Geometrical product specifications (GPS) — Acceptance and verification tests for coordinate measuring systems (CMS) — Part 8 : CMMs with optical distance sensors*

JIS B 7539 *Cylindrical squares*

3 Term and definition

For the purpose of this Standard, the term and definition given in **JIS B 0111**, and the following apply.

3.1

gib set

state in which a slide guide (gib) has been adjusted to be ready for the production operation