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**Geometrical product specifications (GPS)
— Dimensional measuring equipment —
Vernier, dial and digital calliper depth
gauges**

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In the event of any doubts arising as to the contents,
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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 Precision Measuring Instruments Manufacturers Association (JMA)/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 7518 : 2018**), which has been technically revised.

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Geometrical product specifications (GPS) — Dimensional measuring equipment — Vernier, dial and digital calliper depth gauges

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 13385-2** : 2020, Edition 2, by changing some of the technical contents to suit the actual condition of manufacture and use while ensuring rationality of requirements.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. 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.

This Standard is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see **JIS B 0661**). It influences chain links F and G of the chain of standards on size and distance in the general GPS matrix. For more detailed information on the relation of this Standard to other standards and the GPS matrix model, see Annex B.

1 Scope

This Standard specifies requirements for calliper depth gauges with analogue indication equipped with vernier scale or circular scale (dial), and those with digital indication.

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

ISO 13385-2 : 2020 *Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 2 : Design and metrological characteristics of calliper depth gauges* (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

Part or all of the provisions of the following standards, 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 0641-1 *Geometrical product specifications (GPS) — Inspection by measurement of workpieces and measuring equipment — Part 1 : Decision rules for proving conformance or nonconformance with specifications*