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Carpenter's squares

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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 Measuring Instrument Federation (JMIF) 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 7534 : 1987** is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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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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Carpenter's squares

1 Scope This Japanese Industrial Standard specifies metallic carpenter's squares, of which the long branch makes a right angle with the short branch having a nominal size of 250 mm to 500 mm (hereafter referred to as "carpenter's squares").

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 7506 *Gauge blocks*

JIS B 7513 *Precision surface plates*

JIS B 7514 *Steel straightedges*

JIS B 7524 *Feeler gauges*

JIS B 7526 *Squares*

JIS G 4303 *Stainless steel bars*

JIS G 4304 *Hot rolled stainless steel plates, sheets and strip*

JIS G 4305 *Cold rolled stainless steel plates, sheets and strip*

JIS Q 17025 *General requirements for the competence of testing and calibration laboratories*

JIS Z 8103 *Glossary of terms used in measurement*

3 Definitions For the purposes of this Standard, the following definitions and those given in **JIS Z 8103** apply. Furthermore, the name of each part of carpenter's squares shall be in accordance with figure 1.

a) **reference point** scale side faces to be taken as the reference of measurement

The long and short branches have their own outer and inner reference points respectively, which are positioned as given in figure 1.

b) **edge of scale face** lines on the scale face intersected by the scale side face or end face

c) **margin** portions, having no scale, which are positioned at the tip ends of the scale face

d) **scale spacing** the length between two adjacent graduation lines measured centre-to-centre of their thicknesses

e) **scale interval*** magnitude of measuring amount corresponding to the scale spacing

Note * The scale interval mentioned here is an abstract idea.