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Steel tape measures

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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 Instruments Federation (JMIF)/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 7512**:2005 is replaced with this Standard.

However, **JIS B 7512**: 2005 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until June 19, 2017.

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Steel tape measures

1 Scope

This Japanese Industrial Standard specifies steel tape measures of nominal sizes 0.5 m to 200 m (hereafter referred to as tape measures).

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 7516 *Metal rules*

JIS G 4305 *Cold-rolled stainless steel plate, sheet and strip*

JIS G 4401 *Carbon tool steels*

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

JIS Z 8103 *Glossary of terms used in measurement*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS Z 8103**, and the following apply.

The names of the respective parts of tape measure are given in Figure 1.

3.1 reference point

the centre line of graduation line or the end face to be taken as the reference of measurement (see Figure 1)

3.2 effective measuring range

the range from the reference point to the graduation line which expresses the nominal size

The tolerances on length are applicable to the scales in this range.

3.3 extended scale, margin scale

scales outside the effective measuring range

The tolerances on length are not applicable to these scales.

3.4 margin

portion of the tape outside the effective measuring range

The margin up to the graduation line indicating the reference point is called top margin, and the margin from the graduation line indicating the nominal size is called

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