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Technical drawings — Dimensioning and tolerancing of profiles

ICS 01.100.20

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal of establishing a Japanese Industrial Standard from Japanese Standards Association (JSA), with a draft of Industrial Standard based on the provision of Clause 1, Article 12 of the Industrial Standardization Law.

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In the event of any doubts arising as to the contents,
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Technical drawings — Dimensioning and tolerancing of profiles

Introduction This Japanese Industrial Standard has been prepared based on the second edition of **ISO 1660** *Technical drawings — Dimensioning and tolerancing of profiles* published in 1987 without modifying the technical contents.

The portions underlined with dots are the matters not stated in the original International Standard.

1 Scope This Standard specifies the dimensioning and the geometrical tolerancing of profiled outlines and of profiled surfaces.

Remarks: The methods described are related to the sub-clauses in **JIS B 0021** dealing with the "profile tolerance of any line" and "profile tolerance of any surface".

2 Normative reference The following standard contains provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent edition of the standard shall be applied.

JIS B 0021 *Geometrical product specification (GPS) — Geometrical tolerancing — Tolerancing of form, orientation, location and run-out*

Remarks: Items cited from **ISO 1101** *Technical drawings — Geometrical tolerancing — Tolerancing of form, orientation, location and run-out — Generalities, definitions, symbols, indications on drawings* are equivalent to the corresponding matters of the said standard.

3 Dimensioning Profiles may be dimensioned by either of the methods described in **3.1** and **3.2**.

3.1 The successive radii of curvature and sufficient dimensions shall be given to locate the corresponding elements of the curve (see Fig. 1).