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## **Metallic materials — Sheet and strip — Determination of plastic strain ratio**

*Matériaux métalliques — Tôles et bandes — Détermination du  
coefficient d'anisotropie plastique*



Reference number  
ISO 10113:2006(E)

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10113 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 2, *Ductility testing*.

This second edition cancels and replaces the first edition (ISO 10113:1991), which has been technically revised.

This corrected version of ISO 10113:2006 incorporates the following corrections.

- In 3.1, the definition has been updated and previous Note 4 has been incorporated into Note 2.
- In 3.2 and 3.3, second indexes for the strain level have been added. The previous footnote <sup>1)</sup> has been inserted as Note 2.
- In Table 1, corrections to the symbols and designations have been made for specified plastic strain, specified plastic strain range, plastic strain ratio, weighted average of  $r_{x/y}$  values and the slope of the elastic part of the stress/percentage extension curve.
- In 9.2, the word “a” has been deleted in the second line between “For” and “better”.
- Symbol corrections have been made in Equation (5) and Equation (7).
- Figures 1 and 2 and the associated keys have been modified.