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Standards

Irish Standard
I.S. EN ISO 18286:2010

Hot-rolled stainless steel plates - Tolerances on dimensions and shape (ISO 18286:2008)

I.S. EN ISO 18286:2010

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English Version

Hot-rolled stainless steel plates - Tolerances on dimensions and shape (ISO 18286:2008)

Tôles en acier inoxydable laminées à chaud - Tolérances sur les dimensions et la forme (ISO 18286:2008)

Warmgewalztes Blech aus nichtrostendem Stahl - Grenzabmaße und Formtoleranzen (ISO 18286:2008)

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Foreword

The text of ISO 18286:2008 has been prepared by Technical Committee ISO/TC 17 “Steel” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 18286:2010 by Technical Committee ECISS/TC 105 “Steels for heat treatment, alloy steels, free-cutting steels and stainless steels” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2010, and conflicting national standards shall be withdrawn at the latest by December 2010.

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Endorsement notice

The text of ISO 18286:2008 has been approved by CEN as a EN ISO 18286:2010 without any modification.

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I.S. EN ISO 18286:2010
**INTERNATIONAL
STANDARD**

**ISO
18286**

Second edition
2008-12-15

**Hot-rolled stainless steel plates —
Tolerances on dimensions and shape**

*Tôles en acier inoxydable laminées à chaud — Tolérances sur les
dimensions et la forme*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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 18286 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 4, *Heat treatable and alloy steels*.

This second edition cancels and replaces the first edition (ISO 18286:2004), of which it constitutes a minor revision.

Hot-rolled stainless steel plates — Tolerances on dimensions and shape

1 Scope

This International Standard specifies requirements for tolerances for hot-rolled stainless steel plates (quarto plates) made on a reversing mill with the following characteristics:

- a) nominal thickness, t , such that $4 \text{ mm} \leq t \leq 250 \text{ mm}$;
- b) nominal width, w , such that $w \geq 600 \text{ mm}$.

Tolerances for plate of width $w < 600 \text{ mm}$ cut or slit from wider plate should be agreed upon between manufacturer and purchaser at the time of enquiry and order.

This International Standard is not applicable to round plates, custom-made plates, checker plate or bulb plate for flooring or wide flats, nor to continuous-process plates (plate made with coiling).

This International Standard does not include round plates, custom-made plates, checker plate or bulb plate for flooring or wide flats. It does not include continuous process plates (plate made with coiling) because tolerances for these plates are defined in another International Standard (see ISO 9444).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/TS 15510:2003, *Stainless steels — Chemical composition*

ISO 16143-1:2004, *Stainless steels for general purposes — Part 1: Flat products*

3 Information to be supplied by the purchaser

3.1 General

The following information shall be supplied by the purchaser at the time of enquiry and order:

- a) description of the product (plate);
- b) reference to this International Standard, ISO 18286;
- c) nominal thickness, in millimetres;
- d) nominal width, in millimetres;
- e) the letters NK, if plate with mill edges is required [see 6.2.2 and Clause 10 a)];

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