



NSAI
Standards

Irish Standard
I.S. EN ISO 9445-1:2010

Continuously cold-rolled stainless steel - Tolerances on dimensions and form - Part 1: Narrow strip and cut lengths (ISO 9445 -1:2009)

I.S. EN ISO 9445-1:2010

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S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

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March 2010

ICS 77.140.20; 77.140.50

Supersedes EN ISO 9445:2006

English Version

Continuously cold-rolled stainless steel - Tolerances on
dimensions and form - Part 1: Narrow strip and cut lengths (ISO
9445-1:2009)

Acier inoxydable laminé à froid en continu - Tolérances sur
les dimensions et la forme - Partie 1: Bandes étroites et
feuillards coupés à longueur (ISO 9445-1:2009)

Kontinuierlich kaltgewalzter nichtrostender Stahl -
Grenzabmaße und Formtoleranzen - Teil 1: Kaltband und
Kaltband in Stäben (ISO 9445-1:2009)

This European Standard was approved by CEN on 7 February 2010.

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Foreword

The text of ISO 9445-1:2009 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 9445-1:2010 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of an identical text or by endorsement, at the latest by September 2010, and conflicting national standards shall be withdrawn at the latest by September 2010.

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

This document supersedes EN ISO 9445:2006.

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Endorsement notice

The text of ISO 9445-1:2009 has been approved by CEN as a EN ISO 9445-1:2010 without any modification.

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I.S. EN ISO 9445-1:2010
**INTERNATIONAL
STANDARD**

**ISO
9445-1**

First edition
2009-03-01

**Continuously cold-rolled stainless
steel — Tolerances on dimensions and
form —**

**Part 1:
Narrow strip and cut lengths**

*Acier inoxydable laminé à froid en continu — Tolérances sur les
dimensions et la forme —*

Partie 1: Bandes étroites et feuillards coupés à longueur



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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 9445-1 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 4, *Heat treatable and alloy steels*.

This first edition of ISO 9445-1, together with ISO 9445-2, cancels and replaces ISO 9445:2002, the contents of which have been technically revised and separated into two parts.

ISO 9445 consists of the following parts, under the general title *Continuously cold-rolled stainless steel — Tolerances on dimensions and form*:

- *Part 1: Narrow strip and cut lengths*
- *Part 2: Wide strip and plate/sheet*

Continuously cold-rolled stainless steel — Tolerances on dimensions and form —

Part 1: Narrow strip and cut lengths

1 Scope

This part of ISO 9445 specifies the tolerances on dimensions and form for continuously cold-rolled stainless steel narrow strip, in thicknesses of up to and including 3 mm and in rolling widths of less than 600 mm. It also applies to cut lengths taken from such strip.

Narrow strip and cut lengths with widths of less than 600 mm, which are manufactured from wide strip by longitudinal slitting, are covered in ISO 9445-2.

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 6929, *Steel products — Definitions and classification*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6929 apply.

4 Information to be supplied by the purchaser

4.1 It shall be the responsibility of the purchaser to specify all requirements that are necessary for products under this specification. Such requirements to be considered include, in the order listed, but are not limited to, the following:

- a) the type of delivery [see 5.2 a) and 5.2 b)];
- b) the number of this International Standard, i.e. ISO 9445-1;
- c) the thickness in millimetres (if necessary accurate to two decimal places) and, if required, including the relevant code letter (F or P) for a fine or precision tolerance;
- d) the width in millimetres and, if required, including the relevant code letter (F or P) for a fine or precision tolerance;
- e) the code letter R where a restricted tolerance on edge camber is required;

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