SLOVENSKI STANDARD
oSIST prEN 10051:2009

01-julij-2009

Kontinuirno vroḷ e valjane ploḷ evine in trakovi iz legiranih in nelegiranih jekel brez prevlek - Tolerance mer in oblik

Hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape

Warmgewalztes Band und Blech abgelängt aus Warmbreitband aus unlegierten und legierten Stählen - Grenzabmaße und Formtoleranzen

Bandes et tôles issues de larges bandes laminées à chaud en aciers alliés et non alliés - Tolérances sur les dimensions et la forme

iTeh Standards
(https://standards.iteh.ai)
Document Preview

Ta slovenski standard je istoveten z: **prEN 10051**

SIST EN 10051:2012
https://standards.iteh.ai/catalog/standards/sist/4fe679a8-93d9-4d45-b4fc-d67c42491265/sist-en-10051-2012

ICS:

77.140.50	Ploġḷ ati jekleni izdelki in polizdelki	Flat steel products and semi-products

oSIST prEN 10051:2009 **en,fr,de**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

iTeh Standards
(https://standards.iteh.ai)
Document Preview

SIST EN 10051:2012
https://standards.iteh.ai/catalog/standards/sist/4fe679a8-93d9-4d45-b4fc-d67c42491265/sist-en-10051-2012

oSIST prEN 10051:2009

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN 10051

April 2009

ICS 77.140.50

Will supersede EN 10051:1991 + A1:1997

English Version

Hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape

Bandes et tôles issues de larges bandes laminées à chaud en aciers alliés et non alliés - Tolérances sur les dimensions et la forme

Warmgewalztes Band und Blech abgelängt aus Warmbreitband aus unlegierten und legierten Stählen - Grenzabmaße und Formtoleranzen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ECISS/TC 12.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

iTeh STANDARD PREVIEW
(https://standards.iteh.ai)
Document Preview
SIST EN 10051:2012
https://standards.iteh.ai/catalog/standards/sist/4fe679a8-93d9-4d45-b4fc-d67c42491265/sist-en-10051-2012

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2009 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. prEN 10051:2009: E

oSIST prEN 10051:2009

Contents

Page

Foreword 3
1 Scope 4
2 Normative references 4
3 Terms and definitions 4
4 Information to be supplied by the purchaser 5
4.1 General 5
4.2 Options 5
4.3 Example 5
5 Delivery condition 5
6 Tolerances for sheet/plate 6
6.1 Thickness 6
6.2 Length 8
6.3 Width 9
6.4 Flatness 9
6.5 Edge camber 10
6.6 Out-of-squareness 10
6.7 Superimposement of dimensions 10
7 Tolerances for wide strip and strip split from wide strip 10
7.1 General 10
7.2 Thickness 11
7.3 Width 12
7.4 Flatness 12
7.5 Edge camber 12
8 Measurement 12
8.1 General 12
8.2 Thickness 12
8.3 Length of sheet/plate 12
8.4 Width 12
8.5 Flatness for sheet/plate 12
8.6 Edge camber 12
8.7 Out-of-squareness for sheet/plate 13
Annex A (informative) Standards with steel grades for this dimensional standard 14
Annex B (normative) Options (see 4.2) 16

iTeh Standards
(https://standards.iteh.ai)
Document Preview
SIST EN 10051:2012
https://standards.iteh.ai/catalog/standards/sist/4fe679a8-93d9-4d45-b4fc-d67c42491265/sist-en-10051-2012

oSIST prEN 10051:2009

Foreword

This document (prEN 10051:2009) has been prepared by Technical Committee ECISS/TC 12 “Structural steels and steels for pressure purposes - Dimensions and tolerances”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 10051:1997.

iTeh Standards
(https://standards.iteh.ai)
Document Preview

SIST EN 10051:2012
https://standards.iteh.ai/catalog/standards/sist/4fe679a8-93d9-4d45-b4fc-d67c42491265/sist-en-10051-2012

oSIST prEN 10051:2009

1 Scope

This European Standard specifies tolerances on dimensions and shape for continuously hot-rolled uncoated plate/sheet and strip with a maximum width of 2 200 mm of non-alloy and alloy steels in accordance with Table 1 (see also Annex A). This European Standard also applies to hot-rolled strip for cold rolling.

Table 1 — Field of application

Product	Thickness mm	Steel grades according to: (but not limited to)
wide strip (width: 600 mm ≤ w ≤ 2 200 mm), Sheet/Plate cut from wide strip, strip w < 600 mm slit from wide strip	≤ 25 mm	EN 10025-2 to –6, EN 10028-2 to –6, EN 10083-2 and –3, EN 10084, EN 10085, EN 10111, EN 10120, EN 10149-2 and –3, EN 10207 EN 10208-2 prEN 10338 EN ISO 4957

This European Standard does not apply to stainless steels and not to hot-rolled strip rolled in widths < 600 mm [EN 10048].

iTeh Standards
(https://standards.iteh.ai)
Document Preview

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.

SIST EN 10051:2012
https://standards.iteh.ai/catalog/standards/sist/4fe679a8-93d9-4d45-b4fc-d67c42491265/sist-en-10051-2012

EN 10020, *Definition and classification of grades of steel*

EN 10048, *Hot-rolled narrow steel strip - Tolerances on dimensions and shape*

EN 10079, *Definition of steel products*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
non-alloy and alloy steels
see EN 10020

3.2
wide strip and sheet/plate
see EN 10079

3.3
crown
difference in thickness between one of the edges and the centre of a rolled product