

**Kuumvaltsitud terasplaadid paksusega
3 mm või üle selle. Mõõtmete
tolerantsid ning profiili ja massi lubatud
piirhälve**

Hot rolled steel plates 3 mm thick or above -
Tolerances on dimensions, shape and mass

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 10029:2000 sisaldab Euroopa standardi EN 10029:1991 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 10029:2000 consists of the English text of the European standard EN 10029:1991. This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
--	---

Käsitlusala: Standard määrab kindlaks nõuded kuumvaltsitud mittelegeer- ja legeerterasest plaatide tolerantside kohta, kaasa arvatud järgmiste omadustega roostevabad terased: a) nimipaksus üle 3 mm (kaasa arvatud) ja alla 250 mm (kaasa arvatud); b) minimaalne nimilaius üle 600 mm (kaasa arvatud); c) kindlaksmääratud minimaalne voolavuspiir 700 N/mm².	Scope:
--	----------------------

ICS 77.140.50

Võtmesõnad: kaalu lubatud piirhälbed, kuumvaltstooted, legeerteras, metallplaadid, mittelegeerterased, mõõtmeterantsid, profiili lubatud hälbed, raud- ja terastooted, roostevabad terased, tähistamine

Hinnagrupp G

UDC 669.14-122.4-41 : 621.753.14 : 620.1

Descriptors: Iron and steel products, hot rolled products, metal plate, unalloyed steels, stainless steels, designation, dimensional tolerances, form tolerances, weight tolerances.

English version

Hot rolled steel plates⁺ 3 mm thick or above
Tolerances on dimensions, shape and mass

Tôles en acier laminées à chaud, d'épaisseur égale ou supérieure à 3 mm; tolérances sur les dimensions, la forme et la masse

Warmgewalztes Stahlblech von 3 mm Dicke an; Grenzabmaße, Formtoleranzen, zulässige Gewichtsabweichungen

This European Standard was approved by CEN on 1991-04-17. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization

Comité Européen de Normalisation

Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Contents

	Page		Page
1 Scope	2	8 Tolerances on shape	5
2 Normative references	2	8.1 Edge camber and out-of-squareness	5
3 Definition	2	8.2 Flatness	5
4 Information to be supplied by the purchaser	2	9 Excess mass	6
4.1 General	2	10 Measurements	6
4.2 Options	3	10.1 Thickness	6
5 Designation	3	10.2 Width	6
6 Form of supply	3	10.3 Length	6
7 Tolerances on dimensions	3	10.4 Edge camber	6
7.1 Thickness	3	10.5 Out-of-squareness	6
7.2 Width	5	10.6 Flatness	6
7.3 Length	5	11 Options	6
		Annex A List of national standards which correspond to Euronorm 91	8

Foreword

This draft European Standard has been drawn up by ECISS/TC 12 'Structural steel and steels for pressure purposes, flat products — Dimensions and tolerances' whose Secretariat is held by NNI.

This document was originally drawn up as an Euronorm under the European Coal and Steel Community. With the formation of ECISS and the establishment of the ECISS work programme, TC 12 was asked to prepare this document for eventual publication as a European Standard.

This European Standard replaces:

Euronorm 29-81 Hot-rolled plates 3 mm thick or above — Tolerances on dimensions, shape and mass

ECISS/TC 12 met in February 1990 in Brussels and agreed on the text for circulation for formal vote within CEN. The following countries were represented in that meeting: Austria, Belgium, France, Germany, Italy, Netherlands and UK.

The Coordinating Commission (COCOR) of ECISS agreed on 1990-12-04/05 to submit this draft European Standard to the CEN Formal Vote.

According to the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This European Standard specifies requirements for tolerances for hot rolled non-alloy and alloy steel plates ¹⁾ including stainless steels with the following characteristics:

- a) nominal thickness: $\geq 3 \text{ mm} \leq 250 \text{ mm}$;
- b) nominal width: $\geq 600 \text{ mm}$;
- c) specified minimum yield strength: $< 700 \text{ N/mm}^2$.

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

This European Standard does not apply to round plates ¹⁾, sketch plates ¹⁾, chequer or raised-droplet pattern floor plates ¹⁾ and wide flats for which other Euronorms exist or European Standards dealing with tolerances on products of steel are being prepared:

- Tolerances on dimensions, shape and mass for hot-rolled wide flats of steel (see Euronorm 91) ¹⁾.

¹⁾ Until this Euronorm is transformed into a European Standard, it can either be implemented or reference made to the corresponding national standard, the list of which is given in annex A to this European Standard.

2 Normative references

- EN 10 079 Definition of steel products
- EN 10 163-1/3 Delivery requirements for surface condition of hot-rolled plates, wide flats and sections of steel;

3 Definition

For the purposes of this European Standard, the following definition applies:

plate: see EN 10 079.

4 Information to be supplied by the purchaser

4.1 General

The following information shall be supplied by the purchaser at the time of ordering:

- a) description of the product (plate);
- b) number of this European Standard (EN 10 029);
- c) nominal thickness, in millimetres;
- d) the tolerance class required (A, B, C or D) (see 6.2 and 7.1);
- e) nominal width, in millimetres;