

**Pidevkuumvaltsimisel toodetud
mittelegeer- ja legeerterastest
pinnakatteta plaadid, lehed ja ribad.
Mõõtmete tolerantsid ja profiili lubatud
piirhälve**

Continuously hot-rolled uncoated plate, sheet and
strip of non-alloy and alloy steels - Tolerances on
dimensions and shape

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 10051:2000 sisaldab Euroopa standardi EN 10051:1991 + A1:1997 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 10051:2000 consists of the English text of the European standard EN 10051:1991 + A1:1997. 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.
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Käsitlusala: See Euroopa standard kehtib nende pidevkuumvaltsimisel toodetud pinnakatteta tasapinnaliste toodete kohta, mille maksimaallaius on 2200 mm ning mis on valmistatud mittelegeer- ja legeerterastest, kaasa arvatud roostevabad terased. See Euroopa standard kehtib ka nende kuumvaltsitud ribade kohta, mida pärast kuumvaltsimist külmalt valtsitakse. See Euroopa standard ei kehti nende kuumvaltsitud ribade kohta, mis on valtsitud laiustes < 600 mm.	Scope:
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ICS 77.140.50

Võtmesõnad: kuumvaltstooted, lairiba, legeerterased, metallplaadid, mittelegeerterased, mõõtmeterantsid, mõõtmised, profiili lubatud hälbed, raud- ja terastooted

ICS 77.140.50

Supersedes EN 10051 : 1991.

Descriptors: Steel, plate, sheet, tolerances.

English version

**Continuously hot-rolled uncoated plate, sheet
and strip of non-alloy and alloy steels**

Tolerances on dimensions and shape
(includes Amendment A1 : 1997)

Tôles, larges bandes et larges bandes
refendues non revêtues, laminées à
chaud en continu en aciers alliés et non
alliés – Tolérances sur les dimensions
et la forme
(amendement A1 : 1997 inclus)

Kontinuierlich warmgewalztes Blech
und Band ohne Überzug aus legierten
und unlegierten Stählen – Grenz-
abmaße und Formtoleranzen
(enthält Änderung A1 : 1997)

This European Standard was approved by CEN on 1991-12-20 and Amendment A1 on 1997-07-24.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard including Amendment A1 has been prepared by Technical Committee ECISS/TC 12 "Structural steels and steels for pressure purposes, flat products - Dimensions and tolerances", the secretariat of which is held by NNI.

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 March 1998, and conflicting national standards shall be withdrawn at the latest by March 1998.

This document established by the secretariat of ECISS/TC 12 incorporates the text of EN 10051:1991 with the text of the amendment A1:1997. This amendment was prepared on request of ECISS/TC 13 "Steel flat products for cold working - Qualities, dimensions, tolerances and specific tests". ECISS/TC 12 was asked to prepare an Amendment to EN 10051, in which a table for tolerances on thickness for continuously hot-rolled low carbon steel sheet/plate for cold forming, as proposed by ECISS/TC 13 was added. Also the new designations according to EN 10027 Parts 1 and 2 and CR 10260 (ECISS/IC 10) and an updating of in the meantime published EN's are incorporated in this Amendment.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard applies to continuously hot-rolled uncoated flat products with a maximum width of 2200 mm of non-alloy and alloy steels including stainless steels in accordance with table 1.

This European Standard also applies to hot-rolled strip for cold rolling.

Table 1: Field of application

Product	Thickness mm	Steel grades according to
Sheet/plate, wide strip (minimum width 600 mm), strip < 600 mm wide slit from wide strip	≤ 25	EURONORM 96, EN 10025, EN 10028-2, EN 10028-3, EN 10028-4, EN 10028-5, EN 10028-6, EN 10083-1, EN 10083-2, EN 10083-3, EN 10088-2, EN 10111, EN 10113-2, EN 10113-3, EN 10120, EN 10137-2, EN 10137-3, EN 10149-2, EN 10149-3, EN 10155, EN 10207, EN 10208-2 prEN 10028-7 and prEN 10084

This European Standard does not apply to hot-rolled strip rolled in widths < 600 mm (see EN 10048).

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 10020	Definition and classification of grades of steel
EN 10025	Hot-rolled products of non-alloy structural steels - Technical delivery conditions
EN 10028-2	Flat products made of steels for pressure purposes - Part 2: Non-alloy and alloy steels with specified elevated temperature properties
EN 10028-3	Flat products made of steels for pressure purposes - Part 3: Weldable fine grain steels, normalized
EN 10028-4	Flat products made of steels for pressure purposes - Part 4: Nickel alloy steels with specified low temperature properties
EN 10028-5	Flat products made of steels for pressure purposes - Part 5: Weldable fine grain steels, thermomechanically rolled

EN 10028-6	Flat products made of steels for pressure purposes - Part 6: Weldable fine grain steels, quenched and tempered
EN 10048	Hot-rolled narrow steel strip - Tolerances on dimensions and shape
EN 10079	Definitions of steel products
EN 10083-1	Quenched and tempered steels - Part 1: Technical delivery conditions for special steels
EN 10083-2	Quenched and tempered steels - Part 2: Technical delivery conditions for unalloyed quality steels
EN 10083-3	Quenched and tempered steels - Part 3: Technical delivery conditions for boron steels
EN 10088-2	Stainless steels - Part 2: Technical delivery conditions for sheet/plate and strip for general purposes
EN 10111	Continuously hot-rolled low carbon steel sheet and strip for cold forming - Technical delivery conditions
EN 10113-2	Hot-rolled products in weldable fine grain structural steels - Part 2: Delivery conditions for normalized/normalized rolled steels
EN 10113-3	Hot-rolled products in weldable fine grain structural steels - Part 3: Delivery conditions for thermomechanical rolled steels
EN 10120	Steel sheet and strip for welded gas cylinders
EN 10137-2	Plates and wide flats made of high yield strength structural steels in the quenched and tempered or precipitation hardened conditions - Part 2: Delivery conditions for quenched and tempered steels
EN 10137-3	Plates and wide flats made of high yield strength structural steels in the quenched and tempered or precipitation hardened conditions - Part 3: Delivery conditions for precipitation hardened steels
EN 10149-2	Hot-rolled flat products made of high yield strength steels for cold forming - Part 2: Delivery conditions for thermomechanically rolled steels
EN 10149-3	Hot-rolled flat products made of high yield strength steels for cold forming - Part 3: Delivery conditions for normalized or normalized rolled steels
EN 10155	Structural steels with improved atmospheric corrosion resistance - Technical delivery conditions
EN 10207	Steels for simple pressure vessels - Technical delivery requirements for plates, strips and bars
EN 10208-2	Steel pipes for pipelines for combustible fluids - Technical delivery conditions - Part 2: Pipes of requirement class B
prEN 10028-7 ¹⁾	Flat products made of steels for pressure purposes - Part 7: Stainless steels
prEN 10084 ¹⁾	Case hardening steels - Technical delivery conditions
EURONORM 96 (1979) ²⁾	Tool steels - Quality requirements

1) Draft is under discussion.

2) Until EURONORM 96 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 B of this European Standard.