

Kuumvaltsitud tasapinnalised tooted, mis on tehtud kõrge voolavuspiiriga terastest ning on ette nähtud külmsurvevormimiseks. Osa 3: Normaliseeritud teraste ja normaliseeritud valtsteraste tarnetingimused

Hot-rolled flat products made of high yield strength steels for cold forming - Part 3: Delivery conditions for normalized or normalized rolled steels

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 10149-3:1999 sisaldab Euroopa standardi EN 10149-3:1995 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 10149-3:1999 consists of the English text of the European standard EN 10149-3:1995.</p> <p>This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: Lisaks osale 1 määrab selle Euroopa standardi osa 3 kindlaks nõuded nende tasapinnaliste toodete kohta, mis on tehtud keevitatavatest kuumvaltsitud kõrge voolavuspiiriga terastest ning on ette nähtud külmsurvevormimiseks. Need margid on esitatud tabelites 1 ja 2 ning neid tarnitakse normaliseeritud või normaliseeritud ja valtsitud kujul, nagu on esitatud jaotises 7.2.</p>	<p>Scope:</p>
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ICS 77.140.50

Võtmesõnad: katsed, keemiline koostis, kontroll, kuumvaltstooted, kvaliteet, kõrge voolavuspiiriga terased, külmtöötlemine, liigitus, margid, markeerimine, mehaanilised omadused, metalli valtsimine, raud- ja terastooted, tähistamine

Hinnagrupp F

ICS 77.140.10; 77.140.50

Descriptors: Steel, plate, flats, high-strength steel.

English version

**Hot-rolled flat products made of high yield strength
steel for cold forming**

Part 3: Delivery conditions for normalized or normalized rolled steels

Produits plats laminés à chaud en aciers à haute limite d'élasticité pour formage à froid. Partie 3: Conditions de livraison des aciers à l'état normalisé ou laminage normalisant

Warmgewalzte Flacherzeugnisse aus Stählen mit hoher Streckgrenze zum Kaltumformen. Teil 3: Lieferbedingungen für normalgeglühte oder normalisierend gewalzte Stähle

This European Standard was approved by CEN on 1995-08-06.

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

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Foreword

This European Standard has been prepared by ECISS/TC 10 'Structural steels; qualities', the Secretariat of which is held by NNI.

This European Standard is composed of three Parts:

Part 1: General delivery conditions

Part 2: Delivery conditions for thermomechanically rolled steels

Part 3: Delivery conditions for normalized or normalized rolled steels

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by March 1996 at the latest.

In accordance with the CEN/GENELEC Internal Regulations, 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

Part 3 of this European Standard, in addition to part 1, specifies requirements for flat products made of weldable, hot-rolled, high yield strength steels for cold forming.

The grades are given in table 1 (chemical composition) and table 2 (mechanical properties) and are supplied in the normalized or normalized rolled delivery condition as given in 7.2.

The steels specified in this European Standard are applicable to hot-rolled flat products in the thickness range of $\geq 1,5$ mm and ≤ 20 mm.

2 Normative references

The normative references as given in EN 10149-1 shall apply.

3 Definitions

The definitions given in EN 10149-1 shall apply.

4 Information to be supplied by the purchaser

4.1 General

The information to be supplied by the purchaser shall be in accordance with EN 10149-1.

4.2 Options

The options given in EN 10149-1 and clause 11 shall apply.

5 Dimensions, mass and tolerances

5.1 Dimensions and tolerances

The dimensions and tolerances shall be in accordance EN 10149-1.

5.2 Mass of steel

The calculated mass of steel shall be determined in accordance with EN 10149-1.

6 Classification and designation

6.1 Classification

6.1.1 Classification

All steel grades of Part 3 of this European Standard are alloy quality steels according to EN 10020.