

**Konstruksiooniteraste I- ja H-profiilid.
Profiili lubatud piirhälbed ja
mõõtmeterantsid**

Structural steel I and H sections. Tolerances on
shape and dimensions

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 10034:2000 sisaldab Euroopa standardi EN 10034:1993 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 10034:2000 consists of the English text of the European standard EN 10034:1993. 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: Standard määrab kindlaks konstruktsiooniterasest I- ja H-profiilide profiili mõõtmeterantsid ja massi lubatud piirhälbe.	Scope:
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Võtmesõnad: i-talad, konstruktsiooniterasest, mõõtmeterantsid, profiili lubatud hälbed, raud- ja terastooted

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Descriptors: Iron and steel products, I beams, structural steels, dimensional tolerances, form tolerances.

English version

Structural steel I and H sections
Tolerances on shape and dimensions

Poutrelles I et H en acier de construction; tolérances de formes et de dimensions

I- und H-Profile aus Stahl; Grenzabmaße und Formtoleranzen

This European Standard was approved by CEN on 1993-08-30.

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 11 'Sections: Tolerances and dimensions', the Secretariat of which is held by BSI.

The discussions within ECISS/TC 11 were based on

EURONORM 34-62 Broad flanged beams with parallel sides; rolling tolerances
and

EURONORM 44-63 Hot rolled IPE joists; rolling tolerances

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 1994 at the latest.

In accordance with the CEN/CENELEC 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 the United Kingdom.

1 Scope

This standard specifies tolerances on the shape, dimensions and mass of structural steel I and H sections. These requirements do not apply to I and H sections rolled from stainless steel, nor to taper flange sections.

NOTE: Until a European Standard covering the dimensions of I and H beams is published, EURONORM 19 and EURONORM 53, or corresponding national standards, may be used.

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 10079 Definition of steel products
EURONORM 19-57 IPE beams, parallel flanged beams
EURONORM 53-62 Wide flanged beams with parallel flanges

3 Definitions

For the purposes of this European Standard, the definitions given in EN 10079 apply.

4 Rolling tolerances for structural steel I and H sections

4.1 Section height (h)

The deviation from the nominal section height, measured at the centreline of the web thickness, shall be within the tolerance given in table 1.