

## Hot rolled sheet piling of non alloy steels – Part 2: Tolerances on shape and dimensions

The European Standard EN 10 248-2:1995 has the status of a Swedish Standard. This document contains the official English version of EN 10 248-2:1995.

Swedish Standards corresponding to documents referred to in this Standard are listed in "Catalogue of Swedish Standards", annually issued by SIS. The Catalogue lists, with reference number and year of Swedish approval, International and European Standards approved as Swedish Standards as well as other Swedish Standards.

## Varmvalsade spontplankor av olegerade stål – Del 2: Toleranser för form och dimensioner

Europastandarden EN 10 248-2:1995 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 10 248-2:1995.

Motsvarigheten och aktualiteten i svensk standard till de publikationer som omnämns i denna standard framgår av "Katalog över svensk standard", som årligen ges ut av SIS. I katalogen redovisas internationella och europeiska standarder som fastställts som svenska standarder och övriga gällande svenska standarder.



EUROPEAN STANDARD  
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**EN 10248-2**

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Descriptors: iron -and steel products, hot rolled products, sheet pilings, steels, unalloyed steels,  
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English version

**Hot rolled sheet piling of non alloy steels –  
Part 2: Tolerances on shape and dimensions**

Palplanches laminées à chaud en aciers non  
alliés – Partie 2: Tolérances sur forme et  
dimensions

Warmegewalzte Spundbohlen aus unlegierten  
Stählen – Teil 2: Grenzabmaße und Formtoleran-  
zen

This European Standard was approved by CEN on 1995-05-19. 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, 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 was prepared by SC4 "Sheet piling" of Technical Committee ECISS/TC10 "Structural steels - Qualities" the secretariat of which is held by NNI.

EN 10248 is composed of two parts :

- Part 1 : Technical delivery conditions,
- Part 2 : Tolerances on shape and dimensions.

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 December 1995, and conflicting national standards shall be withdrawn at the latest by December 1995.

According to 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, United Kingdom.

## 1 Scope

This part of this European Standard specifies the tolerances on dimensions, squareness of ends, straightness and mass of hot rolled non alloy steel sheet piles which are defined in EN 10248-1.

## 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 10248-1 Hot rolled sheet piling of non alloy steels - Part 1 : Technical delivery conditions.

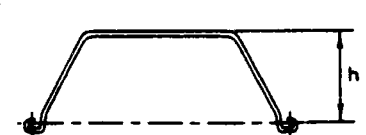
## 3 Height of profiles

### 3.1 U-sheet piles

The tolerances on the height of U-sheet piles are given in table 1.

Table 1 : Height of U-sheet piles

Dimensions in millimetres

Designation	Figure	Nominal dimension	Tolerance
Height h		$h \leq 200$ $h > 200$	$\pm 4$ $\pm 5$

Tolerances on the height of sections made of a pair of crimped or welded piles may be agreed at the time of the enquiry and order.

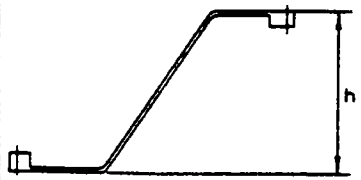
Option 1, see 11.2.

### 3.2 Z-sheet piles

The tolerances on the height of Z-sheet piles are given in table 2.

**Table 2 : Height of Z-sheet piles**

Dimensions in millimetres

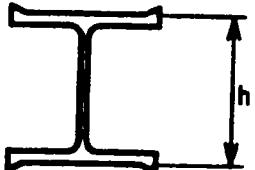
Designation	Figure	Nominal dimension	Tolerance
Height h		$h \leq 200$	$\pm 5$
		$200 < h < 300$	$\pm 6$
		$h \geq 300$	$\pm 7$

### 3.3 H-sheet piles

The tolerances on the height of H-sheet piles are given in table 3.

**Table 3 : Height of H-sheet piles**

Dimensions in millimetres

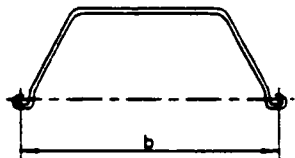
Designation	Figure	Nominal dimension	Tolerance
Height h		$h < 500$	$\pm 5$
		$h \geq 500$	$\pm 7$

## 4 Width of profiles <sup>1)</sup>

### 4.1 U-sheet piles

The tolerance on the width of U-sheet piles is given in table 4.

**Table 4 : Width of U-sheet piles**

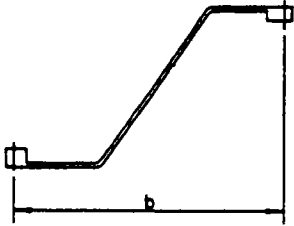
Designation	Figure	Nominal dimension	Tolerance
Width b		all	$\pm 2 \% b$

<sup>1)</sup> For sections interlocked in double or triple piles, the tolerance from the total nominal width may be  $\pm 3 \%$

#### 4.2 Z-sheet piles

The tolerance on the width of Z-sheet piles is given in table 5.

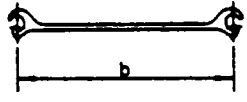
Table 5 : Width of Z-sheet piles

Designation	Figure	Nominal dimension	Tolerance
Width b		all	$\pm 2 \% b$

#### 4.3 Flat profiles

The tolerance on the width of flat profiles is given in table 6.

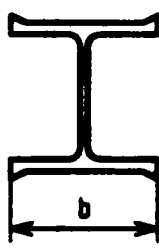
Table 6 : Width of flat profiles

Designation	Figure	Nominal dimension	Tolerance
Width b		all	$\pm 2 \% b$

#### 4.4 H-sheet piles

The tolerance on the width of H-sheet piles is given in table 7.

Table 7 : Width of H-sheet piles

Designation	Figure	Nominal dimension	Tolerance
Width b		all	$\pm 2 \% b$