

SVENSK STANDARD

SS-EN 10058:2018

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Varmvalsad plattstång av stål – Dimensioner och toleranser för form och dimensioner

Hot rolled flat steel bars and steel wide flats for general purposes – Dimensions and tolerances on shape and dimensions

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Europastandarden EN 10058:2018 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 10058:2018.

Denna standard ersätter SS-EN 10058, utgåva 1.

The European Standard EN 10058:2018 has the status of a Swedish Standard. This document contains the official version of EN 10058:2018.

This standard supersedes the SS-EN 10058, edition 1.

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Information about the content of the standard is available from the Swedish Standards Institute (SIS), telephone +46 8 555 520 00. Standards may be ordered from SIS, who can also provide general information about Swedish and foreign standards.

Denna standard är framtagen av kommittén för Konstruktionsstål, SIS/TK 142.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

EUROPEAN STANDARD

EN 10058

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2018

ICS 77.140.60

Supersedes EN 10058:2003

English Version

Hot rolled flat steel bars and steel wide flats for general purposes - Dimensions and tolerances on shape and dimensions

Plats et larges plats en acier laminés à chaud pour usages généraux - Dimensions et tolérances sur la forme et les dimensions

Warmgewalzte Flachstäbe aus Stahl und Breitflachstahl für allgemeine Verwendung - Maße, Formtoleranzen und Grenzabmaße

This European Standard was approved by CEN on 5 October 2018.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

SS-EN 10058:2018 (E)

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European foreword

This document (EN 10058:2018) has been prepared by Technical Committee ECISS/TC 103 “Structural steels other than reinforcement”, the secretariat of which is held by DIN.

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 May 2019, and conflicting national standards shall be withdrawn at the latest by May 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 10058:2003.

In comparison to the previous edition following technical changes were made:

- width of 130 and 140 mm were added for the flat bars;
- wide flats were introduced in this standard with widths of 160, 170, 180 and 200 mm;
- for wide flats maximum permissible thickness variation was introduced;
- standard was editorially revised.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

SS-EN 10058:2018 (E)

1 Scope

This document specifies the nominal dimensions and the tolerances on dimensions and shape of hot-rolled steel flat bars and steel wide flats for general purposes.

This document is not applicable to spring leaves, see EN 10092-1.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 10079, *Definition of steel products*

EN 10088-1, *Stainless steels — Part 1: List of stainless steels*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 10079 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Designation

The designation of hot-rolled steel flat bars or steel wide flats shall comprise:

- the term “flat bar” or “wide flat”;
- the number of this European Standard (EN 10058);
- dimensions in mm (width x thickness x length);
- type of length M, F or E, see Table 3;
- the number of the quality standard and the steel name or steel number of the ordered steel.

EXAMPLE flat bar EN 10058 — 20x5x6000M
steel EN 10025-2 — S235JR

5 Dimensions

Hot rolled flat bars and steel wide flats for general purposes complying with this European Standard shall be delivered with the specified dimensions range given in Table 1 and illustrated in Figure 1. The preferred dimensions are presented in Table 1.

NOTE For manufacturing reasons the corners may have undefined rounded shape.

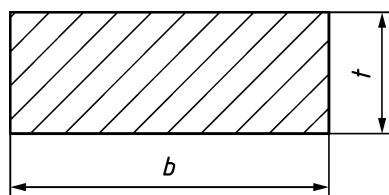


Figure 1 — Hot rolled steel flat bar and steel wide flat