

**Hot rolled hexagon steel bars -
Dimensions and tolerances on shape
and dimensions**

Hot rolled hexagon steel bars - Dimensions and
tolerances on shape and dimensions

ICS 77.140.60

English version

Hot rolled hexagon steel bars for general purposes - Dimensions and tolerances on shape and dimensions

Hexagones en acier laminés à chaud - Dimensions et tolérance sur la forme et les dimensions

Warmgewalzte Sechskantstäbe aus Stahl - Maße, Formtoleranzen und Grenzabmaße

This European Standard was approved by CEN on 11 September 2003.

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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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 10061:2003) has been prepared by Technical Committee ECISS/TC 11 "Structural steel sections and hot rolled steel bars for engineering use - Dimensions and tolerances", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by April 2004, and conflicting national standards shall be withdrawn at the latest by April 2004.

This European Standard replaces:

EURONORM 61-82 *Hot rolled steel hexagons.*

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies the nominal dimensions and the tolerances on dimensions and shape of hot-rolled steel hexagon bars.

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 (including amendments).

EN 10079:1992, *Definition of steel products*

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

3 Terms and definitions

For the purposes of this European Standard the terms and definitions given in EN 10079:1992 apply.

4 Designation

The designation of hot-rolled steel hexagon bars shall comprise:

- the term "hexagon bar";
- the number of this European Standard (EN 10061);
- dimensions in mm (width across flats x 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

Hexagon bar EN 10061 - 16x6000M
steel EN 10025 - S235JR

5 Dimensions

Hot rolled hexagon bars complying with this European Standard shall be produced with the specified dimensions range given in Table 1 and illustrated in Figure 1. The preferred dimensions are presented in Table 1.