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IRISH STANDARD

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HOT ROLLED FLAT STEEL BARS FOR GENERAL PURPOSES - DIMENSIONS AND TOLERANCES ON SHAPE AND DIMENSIONS

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EUROPEAN STANDARD

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EN 10058

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English version

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

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

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

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Foreword

This document (EN 10058:2003) 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of an identical text or by endorsement, at the latest by April 2004, and conflicting national standards shall be withdrawn at the latest by April 2004.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 58-78 *Hot rolled flats for general purposes*.

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.

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1 Scope

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

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

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 (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 flat bars shall comprise:

— the term ” flat bar”;

— the number of this European Standard (EN 10058);

— dimensions in mm (width x thickness 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

Flat bar EN 10058 - 20x5x6000M

steel EN 10025 - S235JR

5 Dimensions

Hot rolled flat bars 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 are not sharp.

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