



BSI Standards Publication

Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels — Tolerances on dimensions and shape

National foreword

This British Standard is the UK implementation of EN 10051:2010. It supersedes BS EN 10051:1991+A1:1997 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/103, Structural Steels Other Than Reinforcements.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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EUROPEAN STANDARD
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EN 10051

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Supersedes EN 10051:1991 + A1:1997

English Version

**Continuously hot-rolled strip and plate/sheet cut from wide strip
of non-alloy and alloy steels - Tolerances on dimensions and
shape**

Bandes laminées à chaud en continu, bandes et tôles
issues de larges bandes laminées à chaud en aciers alliés
et non alliés - Tolérances sur les dimensions et la forme

Kontinuierlich warmgewalztes Band und Blech abgelängt
aus Warmbreitband aus unlegierten und legierten Stählen -
Grenzabmaße und Formtoleranzen

This European Standard was approved by CEN on 23 October 2010.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 10051:2010) has been prepared by Technical Committee ECISS/TC 103 “Structural steels other than reinforcements”, 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of an identical text or by endorsement, at the latest by May 2011, and conflicting national standards shall be withdrawn at the latest by May 2011.

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

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1 Scope

This European Standard specifies tolerances on dimensions and shape for continuously hot-rolled uncoated plate/sheet and strip with a maximum width of 2 200 mm of non-alloy and alloy steels in accordance with Table 1 (see also Annex A). This European Standard also applies to hot-rolled strip for cold rolling.

Table 1 — Field of application

Product	Thickness mm	Steel grades according to: (but not limited to)
wide strip (width: $600 \text{ mm} \leq w \leq 2\,200 \text{ mm}$), Sheet/Plate cut from wide strip, strip $w < 600 \text{ mm}$ slit from wide strip	$\leq 25 \text{ mm}$	EN 10025-2 to -6, EN 10028-2 to -6, EN 10083-2 and -3, EN 10084, EN 10085, EN 10111, EN 10120, EN 10149-2 and -3, EN 10207, prEN 10338, EN ISO 4957.

This European Standard does not apply to stainless steels and not to hot-rolled strip rolled in widths $w < 600 \text{ mm}$ (see EN 10048).

2 Normative references

The following referenced documents are indispensable for the application 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 10020, *Definition and classification of grades of steel*

EN 10048, *Hot-rolled narrow steel strip — Tolerances on dimensions and shape*

EN 10079, *Definition of steel products*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
non-alloy and alloy steels
see EN 10020

3.2
wide strip and sheet/plate
see EN 10079

3.3
crown
difference in thickness between one of the edges and the centre of a rolled product