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**CONTINUOUSLY HOT ROLLED LOW CARBON  
STEEL SHEET AND STRIP FOR COLD  
FORMING - TECHNICAL DELIVERY  
CONDITIONS**

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English Version

## Continuously hot rolled low carbon steel sheet and strip for cold forming - Technical delivery conditions

Tôles et bandes en acier doux laminées à chaud en continu pour formage à froid - Conditions techniques de livraison

Kontinuierlich warmgewalztes Band und Blech aus weichen Stählen zum Kaltumformen - Technische Lieferbindungen

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## **Foreword**

This document (EN 10111:2008) has been prepared by Technical Committee ECISS/TC 13 "Flat products for cold working - Qualities, dimensions, tolerances and specific tests", the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

This document supersedes EN 10111:1998.

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## **1 Scope**

This European Standard specifies the grades of continuously hot rolled low carbon steel sheet and strip (in coils) for cold forming.

Depending on its actual width, strip is classified as:

- hot rolled wide strip if its width is greater than or equal to 600 mm;
- hot rolled slit wide strip if its width is less than 600 mm.

For each grade, it specifies the chemical composition and the mechanical properties.

This European Standard is applicable to products of thickness not less than 1,0 mm and not exceeding 11 mm.

This European Standard is not applicable to products covered by other standards, such as:

- hot rolled products of non-alloy structural steels for general use (see EN 10025 all parts);
- steel sheet for pressure purposes (see EN 10028 all parts);
- steel sheet for welded gas cylinders (see EN 10120);
- quenched and tempered steels (see EN 10083-1 and EN 10083-2).

## **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 10002-1, *Metallic materials — Tensile testing — Part 1: Method of test at ambient temperature*

EN 10021, *General technical delivery requirements for steel products*

EN 10027-1, *Designation systems for steels - Part 1: Steel names*

EN 10027-2, *Designation systems for steels — Part 2: Numerical system*

EN 10051, *Continuously hot-rolled uncoated plate, sheet and strip of non-alloy and alloy steels - Tolerances on dimensions and shape*

EN 10079, *Definition of steel products*

EN 10204, *Metallic products — Types of inspection documents*

EN ISO 14284, *Steel and iron - Sampling and preparation of samples for the determination of chemical composition (ISO 14284:1996)*

## **3 Terms and definitions**

For the purposes of this European Standard, the terms and definitions of hot rolled flat products are those given in EN 10079.

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