



BSI Standards Publication

Steels for simple pressure vessels - Technical delivery requirements for plates, strips and bars

National foreword

This British Standard is the UK implementation of EN 10207:2017. It supersedes BS EN 10207:2005, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/107, Steels for Pressure Purposes.

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

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English Version

Steels for simple pressure vessels - Technical delivery requirements for plates, strips and bars

Aciers pour appareils à pression simples - Conditions techniques de livraison des tôles, bandes et barres

Stähle für einfache Druckbehälter - Technische Lieferbedingungen für Blech, Band und Stabstahl

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European foreword

This document (EN 10207:2017) has been prepared by Technical Committee ECISS/TC 107 “Steels for pressure purposes”, the secretariat of which is held by DIN.

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This document supersedes EN 10207:2005.

A list of the main changes between this document and EN 10207:2005 can be found in [Annex B](#).

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1 Scope

This European Standard specifies the technical delivery requirements for plates, strips and bars made of steel in accordance with the specifications for pressurized parts in simple pressure vessels as defined in the Directive 2014/29/EU (see [Annex A](#)) and standardized in EN 286-1 to EN 286-3.

NOTE Once this European Standard is published in the EU Official Journal (OJEU) under Directive 2014/29/EU, presumption of conformity to the Essential Safety Requirements (ESRs) of Directive 2014/29/EU is limited to technical data of materials in this European Standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of Directive 2014/29/EU are satisfied, needs to be done.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- EN 10020:2000, *Definition and classification of grades of steel*
- EN 10021:2006, *General technical delivery conditions for steel products*
- EN 10027-1:2016, *Designation systems for steels — Part 1: Steel names*
- EN 10027-2:2015, *Designation systems for steels — Part 2: Numerical system*
- EN 10029:2010, *Hot-rolled steel plates 3 mm thick or above — Tolerances on dimensions and shape*
- EN 10048:1996, *Hot rolled narrow steel strip — Tolerances on dimensions and shape*
- EN 10051:2010, *Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels — Tolerances on dimensions and shape*
- EN 10058:2003, *Hot rolled flat steel bars for general purposes — Dimensions and tolerances on shape and dimensions*
- EN 10059:2003, *Hot rolled square steel bars for general purposes — Dimensions and tolerances on shape and dimensions*
- EN 10060:2003, *Hot rolled round steel bars for general purposes — Dimensions and tolerances on shape and dimensions*
- EN 10061:2003, *Hot rolled hexagon steel bars for general purposes — Dimensions and tolerances on shape and dimensions*
- EN 10079:2007, *Definition of steel products*
- EN 10160:1999, *Ultrasonic testing of steel flat product of thickness equal or greater than 6 mm (reflection method)*
- EN 10163-2:2004, *Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections — Part 2: Plate and wide flats*
- EN 10168:2004, *Steel products — Inspection documents — List of information and description*
- EN 10204:2004, *Metallic products — Types of inspection documents*
- EN 10221:1995, *Surface quality classes for hot-rolled bars and rods — Technical delivery conditions*
- EN 10308:2001, *Non destructive testing — Ultrasonic testing of steel bars*