



BSI Standards Publication

Butt-welding pipe fittings

Part 2: Non alloy and ferritic alloy steels with specific inspection requirements

National foreword

This British Standard is the UK implementation of EN 10253-2:2021. It supersedes BS EN 10253-2:2007, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/110, Steel Tubes, and Iron and Steel Fittings.

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

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English Version

**Butt-welding pipe fittings - Part 2: Non alloy and ferritic
alloy steels with specific inspection requirements**

Raccords à souder bout à bout - Partie 2 : Aciers non
alliés et aciers ferritiques alliés avec contrôle
spécifique

Formstücke zum Einschweißen - Teil 2: Unlegierte und
legierte ferritische Stähle mit besonderen
Prüfanforderungen

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European foreword

This document (EN 10253-2:2021) has been prepared by Technical Committee CEN/TC 459 “ECISS - European Committee for Iron and Steel Standardization”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by February 2022, and conflicting national standards shall be withdrawn at the latest by February 2022.

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

This document supersedes EN 10253-2:2007.

The main changes compared to the previous edition are listed below:

- a) Document technically and editorially revised;
- b) Updating of Clause 2 “Normative References”;
- c) Revision of chemical composition and steel grades;
- d) Revision of permissible deviations of the product analysis from specified limits on cast analysis;
- e) Revision of mechanical properties;
- f) Revision of minimum proof strength including minimum wall thickness;
- g) Revision of impact properties including minimum requirements;
- h) Revision of fitting dimensions and moving to new Annex A;
- i) Addition of creep rupture strength values;
- j) Revision of inspection and tests;
- k) Revision of pressure factors;
- l) Updating of Annex ZA to follow new EU Directive 2014/68/EU for pressure equipment;
- m) Updating of the Bibliography.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2014/68/EU.

For relationship with EU Directive, see informative Annex ZA, which is an integral part of this document.

EN 10253 comprises a series of European Standards about *Butt-welding pipe fittings*, namely:

- *Part 1: Wrought carbon steel for general use and without specific inspection requirements;*
- *Part 2: Non alloy and ferritic alloy steels with specific inspection requirements;*
- *Part 3: Wrought austenitic and austenitic-ferritic (duplex) stainless steels without specific inspection requirements;*
- *Part 4: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements.*

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