



SLOVENSKI STANDARD

SIST EN 10253-4:2025

01-september-2025

Nadomešča:

SIST EN 10253-4:2008/AC:2009

Cevni fitingi za soležne zware - 4. del: Kovna avstenitna in avstenitno-feritna (dupleksna) nerjavna jekla s posebnimi zahtevami kontrole

Butt-welding pipe fittings - Part 4: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements

Formstücke zum Einschweißen - Teil 4: Austenitische und austenitisch-ferritische (Duplex-)Stähle mit besonderen Prüfanforderungen

Raccords à souder bout à bout - Partie 4 : Aciers inoxydables austénitiques et austéno-ferritiques avec contrôle spécifique

Ta slovenski standard je istoveten z: EN 10253-4:2025

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ICS:

23.040.40	Kovinski fitingi	Metal fittings
77.140.20	Visokokakovostna jekla	Stainless steels

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English Version

**Butt-welding pipe fittings - Part 4: Wrought austenitic and
austenitic-ferritic (duplex) stainless steels with specific
inspection requirements**

Raccords à souder bout à bout - Partie 4 : Aciers
inoxydables austénitiques et austéno-ferritiques
(duplex) avec contrôle spécifique

Formstücke zum Einschweißen - Teil 4: Austenitische
und austenitisch-ferritische (Duplex) nichtrostende
Stähle mit besonderen Prüfanforderungen

This European Standard was approved by CEN on 21 July 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 10253-4:2025) has been prepared by Technical Committee CEN/TC 459 “ECISS - European Committee for Iron and Steel Standardization¹”, 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of an identical text or by endorsement, at the latest by January 2026 and conflicting national standards shall be withdrawn at the latest by January 2026.

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 10253-4:2008.

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

- a) Concretization of the scope;
- b) Restructuring of EN 10253-2 and EN 10253-4 and ensuring they align with each other;
- c) Update of technical requirements and dimensions to reflect current market standards;
- d) Correction of identical construction dimensions within the EN 10253 series;
- e) Introduction of additional wall thickness and diameter values;
- f) Introduction of test concept TC2 analogous to pipe standards;
- g) Rewording of some options and new numbering;
- h) Modification of test lot sizes;
- i) Update of contents for ultrasonic testing;
- j) Update to the contents of welding chapters;
- k) Revision of figures;
- l) Update of the terms and definitions;
- m) Update of normative references;
- n) Editorial revision to follow the latest design rules;
- o) Revision of mechanical properties;
- p) Update of metric elbows dimensions table.

¹ Through its sub-committee SC 10 “Steel tubes, and iron and steel fittings”, (secretariat: UNI).