

Welded fittings for the food and chemical industries -
Tees, bends and reducers for welding

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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English Version

Welded fittings for the food and chemical industries - Tees, bends and reducers for welding

Raccords soudés pour l'industrie alimentaire et chimique - Tés, coudes et réductions à souder

Formstücke zum Anschweißen in der Lebensmittel- und chemischen Industrie - T-Stücke, Bogen und Reduzierstücke zum Anschweißen

This European Standard was approved by CEN on 11 July 2021.

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

Contents

Page

European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Symbols and abbreviated terms	6
5 Designation of fittings and steel grades.....	7
5.1 Designation of fittings	7
5.2 Elbow	7
5.3 Reducer.....	7
5.4 T-piece.....	7
5.4.1 T-piece form TL and form TS	7
5.4.2 T-piece form TRL and form TRS.....	7
5.5 Designation of steel grades.....	7
6 Information to be supplied by the purchaser	8
6.1 Mandatory information	8
6.2 Options.....	8
6.3 Examples of an order	8
7 Requirements.....	9
7.1 Material.....	9
7.2 Manufacturing Process.....	9
7.2.1 General.....	9
7.2.2 Welding.....	9
7.2.3 Heat treatment.....	11
7.2.4 Surface finish and cleanliness	11
8 Dimensions and tolerances	11
8.1 Dimensions.....	11
8.1.1 General.....	11
8.1.2 Elbow	11
8.1.3 Reducer.....	18
8.1.4 T-piece.....	22
8.2 Tolerances	26
8.2.1 Dimensional tolerances	26
8.2.2 Form tolerances.....	28
9 Inspection	32
9.1 Inspection criteria	32
9.2 Inspection documents	32
10 Marking.....	33
11 Packaging and transport	33
Annex A (informative) Supplementary information related to additional ordering information on fabrication options.....	34
Annex B (informative) List of stainless steel grades for fittings	35
Bibliography.....	36

European foreword

This document (EN 10374:2021) has been prepared by Technical Committee CEN/TC 459/SC 10 “Steel tubes and fittings for steel tubes”, the secretariat of which is held by UNI.

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.

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1 Scope

This document specifies dimensions, tolerances, internal and external surface characteristics and marking of welded fittings for the food and chemical industry.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 10028-7, *Flat products made of steels for pressure purposes - Part 7: Stainless steels*

EN 10088-1, *Stainless steels - Part 1: List of stainless steels*

EN 10088-2, *Stainless steels - Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes*

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

EN 10216-5, *Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 5: Stainless steel tubes*

EN 10217-7, *Welded steel tubes for pressure purposes - Technical delivery conditions - Part 7: Stainless steel tubes*

EN 10253-4, *Butt-welding pipe fittings - Part 4: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements*

EN 10357, *Austenitic, austenitic-ferritic and ferritic longitudinally welded stainless steel tubes for the food and chemical industry*

EN 13018, *Non-destructive testing - Visual testing - General principles*

EN 13480 (series), *Metallic industrial piping*

EN ISO 1127, *Stainless steel tubes - Dimensions, tolerances and conventional masses per unit length (ISO 1127)*

EN ISO 4288, *Geometrical product specifications (GPS) - Surface texture: Profile method - Rules and procedures for the assessment of surface texture (ISO 4288)*

EN ISO 6520-1, *Welding and allied processes - Classification of geometric imperfections in metallic materials - Part 1: Fusion welding (ISO 6520-1)*

ISO 13715, *Technical product documentation - Edges of undefined shape - Indication and dimensioning*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN ISO 6520-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>