

DIN EN ISO 2553



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DIN EN ISO 2553:2019-12

**Welding and allied processes –
Symbolic representation on drawings –
Welded joints (ISO 2553:2019, Corrected version 2021-09);
English version EN ISO 2553:2019,
English translation of DIN EN ISO 2553:2022-07**

Schweißen und verwandte Prozesse –
Symbolische Darstellung in Zeichnungen –
Schweißverbindungen (ISO 2553:2019, korrigierte Fassung 2021-09);
Englische Fassung EN ISO 2553:2019,
Englische Übersetzung von DIN EN ISO 2553:2022-07

Soudage et techniques connexes –
Représentations symboliques sur les dessins –
Assemblages soudés (ISO 2553:2019, Version corrigée 2021-09);
Version anglaise EN ISO 2553:2019,
Traduction anglaise de DIN EN ISO 2553:2022-07

Document comprises 65 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN ISO 2553:2019) has been prepared by Technical Committee ISO/TC 44 “Welding and allied processes” in collaboration with Technical Committee CEN/TC 121 “Welding and allied processes” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Schweißen und verwandte Verfahren* (DIN Standards Committee Welding and Allied Processes), Working Committee NA 092-00-06 AA “Representation and terms (DVS AG I 4)”.

The DIN documents corresponding to the documents referred to in this document are as follows:

ISO 128 (all parts)	DIN EN ISO 128 (all parts)
ISO 1302	DIN EN ISO 1302
ISO 3098-2	DIN EN ISO 3098-2
ISO 4063	DIN EN ISO 4063
ISO 2553:1992	DIN EN 22553:1997-03
ISO/TR 25901 (all parts)	DIN-Fachbericht ISO/TR 25901
ISO 5817	DIN EN ISO 5817
ISO 10042	DIN EN ISO 10042
ISO 13919 (all parts)	DIN EN ISO 13919 (all parts)
ISO 14171	DIN EN ISO 14171
ISO 14341	DIN EN ISO 14341
ISO 6947	DIN EN ISO 6947
ISO 9692 (all parts)	DIN EN ISO 9692 (all parts)
ISO 17659:2002	DIN EN ISO 17659:2005-09
ISO 14731:2006	DIN EN ISO 14731:2006-12

Amendments

This standard differs from DIN EN ISO 2553:2014-04 as follows:

- a) terms and definitions have been revised;
- b) the term “*Gegenlage*” has been deleted in term 3.13 (applies to the German version only);
- c) ISO and IEC databases have been indicated;
- d) new headlines have been added to Table 1;
- e) notes have been added to Figure 2;
- f) the designations of the weld type in Table 4 have been revised;
- g) subclause 5.13 “Stake welds” has been included;
- h) Figure 5 is now Table 5; thus, the subsequent figures and tables have been renumbered;
- i) Table 8 “Examples of joint preparation depth designation” has been deleted;

- j) in subclause 6.4, the term “*J-Stöße*” has been renamed as “*HU-Stumpfnähte*” according to Table 1 (applies to the German version only);
- k) Table 9 “Examples of designating joint preparation depth” has been included;
- l) in Annex B, the term “*Toleranzen*” has been renamed as “*Grenzabmaße*” (applies to the German version only);
- m) the standard has been editorially revised and brought in line with the current rules of presentation.

Compared with DIN EN ISO 2553:2019-12, the following corrections have been made:

- a) in 3.1 and 3.2, a cross-reference to tail (3.5) has been added;
- b) in Table 6, no. 1.2, the placement of the representation and the symbol has been corrected by moving the respective figures to the corresponding columns;
- c) in the NOTE to Figure 7, the sentence “For system B, the dash line is to be omitted.” has been deleted;
- d) in Table A.2, the figures have been revised according to ISO 128-40.

Previous editions

DIN 1911: 1927-04, 1959-10
 DIN 1912-1: 1927-04, 1932-05, 1937-05, 1956-05, 1960-07
 DIN 1912-2: 1927-04, 1932-05, 1937-05
 DIN 1912-3: 1961-03, 1982-08
 DIN 1912-5: 1976-06, 1979-02, 1987-12
 DIN 1912-5 Supplement 1: 1987-12
 DIN 1912-6: 1976-06, 1979-02
 DIN EN 22553: 1994-08, 1997-03
 DIN EN ISO 2553: 2014-04, 2019-12

National Annex NA
(informative)

Bibliography

DIN EN 22553:1997-03, *Welded, brazed and soldered joints — Symbolic representation on drawings (ISO 2553:1992)*

DIN EN ISO 128 (all parts), *Technical drawings — General principles of presentation*

DIN EN ISO 1302, *Geometrical Product Specifications (GPS) — Indication of surface texture in technical product documentation*

DIN EN ISO 3098-2, *Technical product documentation — Lettering — Part 2: Latin alphabet, numerals and marks*

DIN EN ISO 4063, *Welding and allied processes — Nomenclature of processes and reference numbers*

DIN-Fachbericht ISO/TR 25901, *Welding and related processes — Vocabulary*

DIN EN ISO 5817, *Welding — Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) — Quality levels for imperfections*

DIN EN ISO 10042, *Welding — Arc-welded joints in aluminium and its alloys — Quality levels for imperfections*

DIN EN ISO 13919 (all parts), *Welding — Electrons and laser beam welded joints; guidance on quality levels for imperfections*

DIN EN ISO 14171, *Welding consumables — Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of non alloy and fine grain steels — Classification*

DIN EN ISO 14341, *Welding consumables — Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels — Classification*

DIN EN ISO 6947, *Welding and allied processes — Welding positions*

DIN EN ISO 9692 (all parts), *Welding and allied processes — Types of joint preparation*

DIN EN ISO 17659:2005-09, *Welding — Multilingual terms for welded joints with illustrations (ISO 17659:2002)*

DIN EN ISO 14731:2006-12, *Welding coordination — Tasks and responsibilities (ISO 14731:2006)*

English Version

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(ISO 2553:2019, korrigierte Fassung 2021-09)

This European Standard was approved by CEN on 22 March 2019.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 29 September 2021.

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European foreword

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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 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

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 ISO 2553:2013.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 2553:2019, Corrected version 2021-09 has been approved by CEN as EN ISO 2553:2019 without any modification.