

SLOVENSKI STANDARD SIST EN ISO 24034:2020

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Nadomešča:
SIST EN ISO 24034:2012

Dodajni in pomožni materiali za varjenje - Masivne žične elektrode, polne žice in palice za talilno varjenje titana in titanovih zlitin - Razvrstitev (ISO 24034:2020)

Welding consumables - Solid wire electrodes, solid wires and rods for fusion welding of titanium and titanium alloys - Classification (ISO 24034:2020)

Schweißzusätze - Massivdrahtelektroden, Massivdrähte und Massivstäbe zum Schmelzschweißen von Titan und Titanlegierungen - Einteilung (ISO 24034:2020)

Produits consommables pour le soudage - Fils électrodes pleins, fils pleins et baguettes pleines pour le soudage par fusion du titane et des alliages de titane - Classification (ISO 24034:2020)

Ta slovenski standard je istoveten z **EN ISO 24034:2020**

ICS:

25.160.20	Potrošni material pri varjenju	Welding consumables
77.120.50	Titan in titanove zlitine	Titanium and titanium alloys

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 24034

August 2020

ICS 25.160.20

Supersedes EN ISO 24034:2010

English Version

**Welding consumables - Solid wire electrodes, solid wires
and rods for fusion welding of titanium and titanium alloys
- Classification (ISO 24034:2020)**

Produits consommables pour le soudage - Fils-
électrodes pleins, fils pleins et baguettes pleines pour
le soudage par fusion du titane et des alliages de titane
- Classification (ISO 24034:2020)

Schweißzusätze - Massivdrahtelektroden,
Massivdrähte und Massivstäbe zum Schmelzschiessen
von Titan und Titanlegierungen - Einteilung (ISO
24034:2020)

This European Standard was approved by CEN on 16 July 2020.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 24034:2020) 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" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by February 2021, and conflicting national standards shall be withdrawn at the latest by February 2021.

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.

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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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 24034:2020 has been approved by CEN as EN ISO 24034:2020 without any modification.

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Welding consumables — Solid wire electrodes, solid wires and rods for fusion welding of titanium and titanium alloys — Classification

Produits consommables pour le soudage — Fils-électrodes pleins, fils pleins et baguettes pleines pour le soudage par fusion du titane et des alliages de titane — Classification

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ISO 24034:2020(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barrier to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Official interpretations of ISO/TC 44 documents, where they exist, are available from this page: <https://committee.iso.org/sites/tc44/home/interpretation.html>.

This third edition cancels and replaces the second edition (ISO 24034:2010), which has been technically revised. The main changes compared to the previous edition are as follows:

- a number of alloys in [Table 1](#) have been updated;
- a number of typographical errors in [Table 1](#) and [Table B.1](#) have been corrected;
- [Clause 8](#) has been updated to reflect the current agreed wording;
- in [Clause 11](#), the words “Solid wire” have been deleted from each example designation;
- the last sentence of the second paragraph of [A.1](#) has been deleted to align with [A.15](#);
- a number of dated references in [Annex B](#) and the bibliography have been updated.