

SLOVENSKI STANDARD SIST EN ISO 25239-1:2020

01-november-2020

Nadomešča:

SIST EN ISO 25239-1:2012

Varjenje z gnetenjem - Aluminij - 1. del: Slovar (ISO 25239-1:2020)

Friction stir welding - Aluminium - Part 1: Vocabulary (ISO 25239-1:2020)

Rührreibschweißen - Aluminium - Teil 1: Begriffe (ISO 25239-1:2020)

Soudage par friction-malaxage - Aluminium - Partie 1: Vocabulaire (ISO 25239-1:2020)

Ta slovenski standard je istoveten z: EN ISO 25239-1:2020

ICS:

01.040.25	Izdelavna tehnika (Skvarji)	Manufacturing engineering (Vocabularies)
25.160.10	Varilni postopki in varjenje	Welding processes
77.120.10	Aluminij in aluminijeve zlitine	Aluminium and aluminium alloys

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en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 25239-1

July 2020

ICS 01.040.25; 25.160.10

Supersedes EN ISO 25239-1:2011

English Version

Friction stir welding - Aluminium - Part 1: Vocabulary (ISO 25239-1:2020)

Soudage par friction-malaxage - Aluminium - Partie 1:
Vocabulaire (ISO 25239-1:2020)

Rührreibschweißen - Aluminium - Teil 1: Begriffe (ISO
25239-1:2020)

This European Standard was approved by CEN on 12 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 25239-1:2020) has been prepared by Technical Committee ISO/TC IIW "International Institute of Welding" 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of an identical text or by endorsement, at the latest by January 2021, and conflicting national standards shall be withdrawn at the latest by January 2021.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.

This document supersedes EN ISO 25239-1:2011.

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 25239-1:2020 has been approved by CEN as EN ISO 25239-1:2020 without any modification.

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INTERNATIONAL STANDARD

ISO 25239-1

Second edition
2020-06

Friction stir welding — Aluminium — Part 1: Vocabulary

*Soudage par friction-malaxage — Aluminium —
Partie 1: Vocabulaire*

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ISO 25239-1:2020(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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This document was prepared by IIW, *International Institute of Welding*, Commission III, *Resistance Welding, Solid State Welding and Allied Joining Processes*, 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).

This second edition cancels and replaces the first edition (ISO 25239-1:2011), which has been technically revised.

The main changes compared to the previous edition are as follows:

- new definitions have been added for joint area deformation, operator, plunge phase, root flaw, stationary shoulder tool and temperature control;
- definitions of incomplete penetration, multi run welding, production welding test and single run welding have been deleted.

A list of all parts in the ISO 25239 series can be found on the ISO website.

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.