

**SLOVENSKI STANDARD
SIST EN ISO 25239-2:2020****01-november-2020****Nadomešča:****SIST EN ISO 25239-2:2012**

Varjenje z gnetenjem - Aluminij - 2. del: Zasnova zvarnih spojev (ISO 25239-2:2020)

Friction stir welding - Aluminium - Part 2: Design of weld joints (ISO 25239-2:2020)

Rührreibschweißen - Aluminium - Teil 2: Ausführung der Schweißverbindungen (ISO 25239-2:2020)

Soudage par friction-malaxage - Aluminium - Partie 2: Conception des assemblages soudés (ISO 25239-2:2020)

Ta slovenski standard je istoveten z EN ISO 25239-2:2020**ICS:**

25.160.10	Varilni postopki in varjenje	Welding processes
25.160.40	Varjeni spoji in vari	Welded joints and welds
77.120.10	Aluminij in aluminijeve zlitine	Aluminium and aluminium alloys

SIST EN ISO 25239-2:2020**en,fr,de**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

<https://standards.iteh.ai/catalog/standards/sist/10dd4926-7da1-4197-b111-e43f8579060/sist-en-iso-25239-2-2020>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 25239-2

July 2020

ICS 25.160.10; 25.160.40

Supersedes EN ISO 25239-2:2011

English Version

Friction stir welding - Aluminium - Part 2: Design of weld
joints (ISO 25239-2:2020)

Soudage par friction-malaxage - Aluminium - Partie 2:
Conception des assemblages soudés (ISO 25239-
2:2020)

Rührreibschweißen - Aluminium - Teil 2: Ausführung
der Schweißverbindungen (ISO 25239-2:2020)

This European Standard was approved by CEN on 12 July 2020.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



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

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

Contents

Page

European foreword..... 3

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN ISO 25239-2:2020 -
<https://standards.iteh.ai/catalog/standards/sist/10dd4926-7da1-4197-b111-e43f8579060/sist-en-iso-25239-2-2020>

European foreword

This document (EN ISO 25239-2:2020) 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 25239-2:2011.

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 25239-2:2020 has been approved by CEN as EN ISO 25239-2:2020 without any modification.

PREVIEW
iTech STANDARD (standards.tech.ai)
SIST EN ISO 25239-2:2020 -
<https://standards.tech.ai/catalogue/standard/sist/1000492671001-4197-h111-e3/3579060/sist-en-iso-25239-2-2020>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

<https://standards.iteh.ai/catalog/standards/sist/10dd4926-7da1-4197-b111-e43f8579060/sist-en-iso-25239-2-2020>

INTERNATIONAL STANDARD

ISO 25239-2

Second edition
2020-06

Friction stir welding — Aluminium — Part 2: Design of weld joints

*Soudage par friction-malaxage — Aluminium —
Partie 2: Conception des assemblages soudés*

PREVIEW
iTech STANDARD
(standards.itih.ai)
SIST EN ISO 25239-2:2020 -
<https://standards.itih.ai/catalog/standards/sist/10000000-7000-4197-b111-e43f3579060/sist-en-iso-25239-2-2020>



Reference number
ISO 25239-2:2020(E)

© ISO 2020

iTeh STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/10dd4926-7da1-4197-b111-e43f8579060/sist-en-iso-25239-2-2020>

**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Design requirements.....	1
4.1 Documentation.....	1
4.2 Joint design.....	2
4.2.1 General.....	2
4.2.2 Butt joints.....	4
4.2.3 Lap joints.....	4
4.3 Additional information.....	5
4.3.1 Essential information.....	5
4.3.2 Weldment dimensions.....	5
4.3.3 Inspection.....	5
Bibliography.....	6

iTeh STANDARD PREVIEW
 (standards.iteh.ai)
 SIST EN ISO 25239-2:2020 -
<https://standards.iteh.ai/catalog/standards/sist/10dd4926-7da1-4197-b111-e43f3579060/sist-en-iso-25239-2-2020>