



SLOVENSKI STANDARD SIST EN ISO 13588:2019

01-september-2019

Nadomešča:
SIST EN ISO 13588:2013

Neporušitveno preskušanje zvarnih spojev - Ultrazvočno preskušanje - Uporaba avtomatske tehnike s faznim krmiljenjem (FA-tehnika) (ISO 13588:2019)

Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology (ISO 13588:2019)

Zerstörungsfreie Prüfung von Schweißverbindungen - Ultraschallprüfung - Anwendung von automatisierter phasengesteuerter Array-Technologie (ISO 13588:2019)

Contrôle non destructif des assemblages soudés - Contrôle par ultrasons - Utilisation de la technique multi-éléments automatisés (ISO 13588:2019)

Ta slovenski standard je istoveten z: EN ISO 13588:2019

ICS:

25.160.40 Varjeni spoji in vari Welded joints and welds

SIST EN ISO 13588:2019 en,fr,de

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EUROPEAN STANDARD

EN ISO 13588

NORME EUROPÉENNE

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Supersedes EN ISO 13588:2012

English Version

Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology (ISO 13588:2019)

Contrôle non destructif des assemblages soudés -
Contrôle par ultrasons - Utilisation de la technique
multi-éléments automatisés (ISO 13588:2019)

Zerstörungsfreie Prüfung von Schweißverbindungen -
Ultraschallprüfung - Anwendung von automatisierter
phasengesteuerter Array-Technologie (ISO
13588:2019)

This European Standard was approved by CEN on 9 February 2019.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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 13588:2019) 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" 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of an identical text or by endorsement, at the latest by September 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.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.

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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, 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.

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Endorsement notice

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The text of ISO 13588:2019 has been approved by CEN as EN ISO 13588:2019 without any modification.

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INTERNATIONAL
STANDARD

ISO
13588

Second edition
2019-02

**Non-destructive testing of welds —
Ultrasonic testing — Use of automated
phased array technology**

*Essais non destructifs des assemblages soudés — Contrôle par
ultrasons — Utilisation de la technique multi-éléments automatisés*

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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 Barriers 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 5, *Testing and inspection of welds*.

Any feedback, question or request for official interpretation related to any aspect of this document should be directed to the Secretariat of ISO/TC 44/SC 5 via your national standards body. A complete listing of these bodies can be found at www.iso.org/members.html. Official interpretations, where they exist, are available from this page: <https://committee.iso.org/sites/tc44/home/interpretation.html>.

This second edition cancels and replaces the first edition (ISO 13588:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- [Clauses 2](#) and [3](#) have been updated;
- a method of length and height measurement has been added;
- new [Annex B](#) has been added;
- the document has been editorially updated.

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