



# SLOVENSKI STANDARD SIST EN ISO 20601:2019

01-marec-2019

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**Neporušitveno preskušanje zvarnih spojev - Ultrazvočno preskušanje - Uporaba avtomatske tehnike s faznim krmiljenjem za tankostenske sestavne dele iz jekla (ISO 20601:2018)**

Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology for thin-walled steel components (ISO 20601:2018)

Zerstörungsfreie Prüfung von Schweißverbindungen - Ultraschallprüfung - Verwendung von automatisierter phasengesteuerter Array-Technologie für dünnwandige Bauteile aus Stahl (ISO 20601:2018)

Essai non destructif des assemblages soudés - Contrôle par ultrasons - Utilisation de la technique multi-éléments automatisés pour les composants en acier à paroi mince (ISO 20601:2018)

**Ta slovenski standard je istoveten z: EN ISO 20601:2018**

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**ICS:**

25.160.40 Varjeni spoji in vari Welded joints and welds

**SIST EN ISO 20601:2019 en,fr,de**

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EUROPEAN STANDARD

**EN ISO 20601**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2018

ICS 25.160.40

English Version

## Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology for thin-walled steel components (ISO 20601:2018)

Essai non destructif des assemblages soudés - Contrôle par ultrasons - Utilisation de la technique multi-éléments automatisés pour les composants en acier à paroi mince (ISO 20601:2018)

Zerstörungsfreie Prüfung von Schweißverbindungen - Ultraschallprüfung - Verwendung von automatisierter phasengesteuerter Array-Technologie für dünnwandige Bauteile aus Stahl (ISO 20601:2018)

This European Standard was approved by CEN on 26 November 2018.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## European foreword

This document (EN ISO 20601:2018) 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 June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

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**Non-destructive testing of welds —  
Ultrasonic testing — Use of automated  
phased array technology for thin-  
walled steel components**

*Essais non destructifs des assemblages soudés — Contrôle par  
ultrasons — Utilisation de la technique multi-éléments automatisés  
pour les composants en acier à paroi mince*

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## Foreword

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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](http://www.iso.org/directives)).

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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](http://www.iso.org/members.html). Official interpretations, where they exist, are available from this page: <https://committee.iso.org/sites/tc44/home/interpretation.html>.

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