

# SVENSK STANDARD

## SS-EN ISO 15792-2:2020

**Tillsatsmaterial för svetsning – Provningsmetoder –  
Del 2: Framställning av prov för provstavar i ensträngs- och  
tvåsträngsteknik i stål (ISO 15792-2:2020)**

**Welding consumables – Test methods –  
Part 2: Preparation of single-run and two-run technique test  
pieces and specimens in steel (ISO 15792-2:2020)**



**sis** Svenska  
Institutet för  
Standarder

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Standarden är framtagen av kommittén för AGS 443 Tillsatsmaterial för svetsning, SIS/TK 134/AG 03.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på [www.sis.se](https://www.sis.se) - där hittar du mer information.

Europastandarden EN ISO 15792-2:2020 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN ISO 15792-2:2020.

Denna standard ersätter SS-EN ISO 15792-2:2008, utgåva 1

The European Standard EN ISO 15792-2:2020 has the status of a Swedish Standard. This document contains the official version of EN ISO 15792-2:2020.

This standard supersedes the SS-EN ISO 15792-2:2008, edition 1



EUROPEAN STANDARD

EN ISO 15792-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2020

ICS 25.160.20

Supersedes EN ISO 15792-2:2008

English Version

**Welding consumables - Test methods - Part 2:  
Preparation of single-run and two-run technique test  
pieces and specimens in steel (ISO 15792-2:2020)**

Produits consommables pour le soudage -  
Méthodes d'essai - Partie 2: Préparation de  
pièces d'essai et d'éprouvettes en une ou  
deux passes en acier (ISO 15792-2:2020)

Schweißzusätze Prüfverfahren - Teil 2:  
Vorbereitung von Prüfstücken und Proben zur  
Prüfung von Einlagen- und Lage/Gegenlage-  
Schweißungen an Stahl (ISO 15792 2:2020)

This European Standard was approved by CEN on 29 August 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: Avenue Marnix 17, B-1000 Brussels**

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

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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](http://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](http://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 second edition cancels and replaces the first edition (ISO 15792-2:2000), which has been technically revised.

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

- the title and scope of this document have been changed;
- Clause 10 and Clause 11 have been deleted consequently;
- a new type 2.6 has been added to [Table 1](#) reflecting usage in the USA;
- in [Table 1](#), the angles in column 3, preparation, have been revised to show the bevel angle with a footnote giving tolerances for 2.1, 2.4 and 2.5;
- in [Figure 1 b](#)), effective weld length has been added;
- [Figure 2](#) has been revised and split into [Figure 2a](#) and [Figure 2b](#) with titles showing restrictions for use.

## European foreword

This document (EN ISO 15792-2:2020) 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 March 2021, and conflicting national standards shall be withdrawn at the latest by March 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 15792-2:2008.

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 15792-2:2020 has been approved by CEN as EN ISO 15792-2:2020 without any modification.