

Resistance welding - Vocabulary - Part 1: Spot,
projection and seam welding (ISO 17677-1:2019)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 17677-1:2019 sisaldab Euroopa standardi EN ISO 17677-1:2019 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 17677-1:2019 consists of the English text of the European standard EN ISO 17677-1:2019.
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English Version

**Resistance welding - Vocabulary - Part 1: Spot, projection
and seam welding (ISO 17677-1:2019)**

Soudage par résistance - Vocabulaire - Partie 1:
Soudage par points, par bossages et à la molette (ISO
17677-1:2019)

Widerstandsschweißen - Begriffe - Teil 1: Punkt-,
Buckel- und Rollennahtschweißen (ISO 17677-1:2019)

This European Standard was approved by CEN on 30 November 2018.

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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.

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

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European foreword

This document (EN ISO 17677-1:2019) 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of an identical text or by endorsement, at the latest by September 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.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.

This document supersedes EN ISO 17677-1:2009.

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.

Endorsement notice

The text of ISO 17677-1:2019 has been approved by CEN as EN ISO 17677-1:2019 without any modification.

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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 on the voluntary nature of standards 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 the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 6, *Resistance welding and allied mechanical joining*.

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 6 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 17677-1:2009), which has been technically revised. The main changes compared to the previous edition are as follows:

- the terms and definitions of ISO 14329 have been implemented;
- editorial changes have been made;

Resistance welding — Vocabulary —

Part 1: Spot, projection and seam welding

1 Scope

This document establishes a vocabulary of terms and definitions for resistance spot welding, projection welding and seam welding.

NOTE In addition to terms used in English and French, two of the three official ISO languages, this document gives the equivalent terms in German; these are published under the responsibility of the member body for Germany (DIN). However, only the terms and definitions given in the official languages can be considered as ISO terms and definitions.

2 Normative references

There are no normative references in this document.

Soudage par résistance — Vocabulaire —

Partie 1: Soudage par points, par bossages et à la molette

1 Domaine d'application

Le présent document établit un vocabulaire de termes et définitions relatifs au soudage par résistance par points, par bossages et à la molette.

NOTE En plus des termes utilisés en anglais et en français, deux des trois langues officielles de l'ISO, le présent document donne les termes équivalents en allemand; ceux-là sont publiés sous la responsabilité du comité membre allemand (DIN). Cependant, seuls les termes et définitions donnés dans les langues officielles peuvent être considérés comme termes et définitions de l'ISO.

2 Références normatives

Le présent document ne contient aucune référence normative.

Widerstands- schweißen — Begriffe —

Teil 1: Punkt-, Buckel- und Rollennaht- schweißen

1 Anwendungsbereich

Dieser Dokument definiert Begriffe für das Widerstandspunkt-, Buckel- und Rollennahtschweißen.

ANMERKUNG Zusätzlich zu den Begriffen in Englisch und Französisch, zwei der drei offiziellen ISO-Sprachen, enthält dieser Dokument die entsprechenden deutschen Begriffe; diese werden unter der Zuständigkeit der Mitgliedsorganisation für Deutschland (DIN) veröffentlicht. Es können jedoch nur die Begriffe in den offiziellen Sprachen als ISO-Begriffe und ISO-Definitionen angesehen werden.

2 Normative Verweisungen

Es gibt keine normativen Verweisungen in diesem Dokument.