



NSAI
Standards

Irish Standard
I.S. EN ISO 17677-1:2019

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

I.S. EN ISO 17677-1:2019

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National Foreword

I.S. EN ISO 17677-1:2019 is the adopted Irish version of the European Document EN ISO 17677-1:2019, Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding (ISO 17677-1:2019)

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EUROPEAN STANDARD

EN ISO 17677-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2019

ICS 25.160.10; 01.040.25

Supersedes EN ISO 17677-1:2009

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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EN ISO 17677-1:2019 (E)

Contents	Page
European foreword.....	3

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of an identical text or by endorsement, at the latest by September 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.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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**INTERNATIONAL
STANDARD**

**ISO
17677-1**

**NORME
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Deuxième édition
2019-02

Resistance welding — Vocabulary —

Part 1:

Spot, projection and seam welding

**Soudage par résistance —
Vocabulaire —**

Partie 1:

**Soudage par points, par bossages et à
la molette**

Widerstandsschweißen — Begriffe —

Teil 1:

**Punkt-, Buckel- und
Rollennahtschweißen**



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Contents

	Page
Foreword	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
3.1 Welding and testing procedures.....	2
3.2 Hardware and tools.....	6
3.3 Welding process and parameters.....	8
3.4 Measurements and values.....	17
Bibliography	44

ISO 17677-1:2019(E/F)

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

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**

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