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STN	**Odporové zváranie. Odlupovacie a sekáčové skúšanie odporových bodových, výstupkových a švových zvarov (ISO 10447:2015).**	**STN EN ISO 10447** 05 2630

Resistance welding - Testing of welds - Peel and chisel testing of resistance spot and projection welds (ISO 10447:2015)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/15

Obsahuje: EN ISO 10447:2015, ISO 10447:2015

Oznámením tejto normy sa ruší
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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 10447

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Supersedes EN ISO 10447:2007

English Version

Resistance welding - Testing of welds - Peel and chisel testing of resistance spot and projection welds (ISO 10447:2015)

Soudage par résistance - Essais des soudures - Essais de pelage et de déboutonnage au burin appliqués aux soudures par résistance par points et par bossages (ISO 10447:2015)

Widerstandsschweißen - Schäl- und Meißelprüfung von Widerstandspunkt- und Buckelschweißverbindungen (ISO 10447:2015)

This European Standard was approved by CEN on 12 December 2014.

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

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Foreword

This document (EN ISO 10447:2015) has been prepared by IIW "International Institute of Welding" 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of an identical text or by endorsement, at the latest by August 2015, and conflicting national standards shall be withdrawn at the latest by August 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 10447:2007.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 10447:2015 has been approved by CEN as EN ISO 10447:2015 without any modification.

INTERNATIONAL STANDARD

ISO 10447

Third edition
2015-02-01

Resistance welding — Testing of welds — Peel and chisel testing of resistance spot and projection welds

Soudage par résistance — Essais des soudures — Essais de pelage et de déboutonnage au burin appliqués aux soudures par résistance par points et par bossages

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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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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 meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword — Supplementary information.

The committee responsible for this document is IIW, *International Institute of Welding*, Commission III.

This third edition cancels and replaces the second edition (ISO 10447:2006), which has been technically revised.

Introduction

This edition of ISO 10447 includes figures showing failure types and fracture modes of resistance spot and embossed projection welds in accordance with ISO 14329:2003.

The previous edition of ISO 10447 was revised to align it with ISO 17677-1.

INTERNATIONAL STANDARD ISO 10447:2015(E)

Resistance welding — Testing of welds — Peel and chisel testing of resistance spot and projection welds

1 Scope

This International Standard specifies the procedures and recommended tooling to be used for peel and chisel testing of resistance spot and projection welds. This International Standard applies to welds made in two or more sheets in the thickness range of 0,5 mm to 3,0 mm.

The aim of these tests is to determine

— weld size and failure type when welds are destructively tested, and

— verification of welds by non-destructive chisel tests.

NOTE The preferred method of peel testing seam welds (mechanized peel testing) is covered in ISO 14270.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 14270, *Specimen dimensions and procedure for mechanized peel testing resistance spot, seam and embossed projection welds*

ISO 17677-1, *Resistance welding — Vocabulary — Part 1: Spot, projection and seam welding*