



SLOVENSKI STANDARD SIST EN ISO 10447:2015

01-maj-2015

Nadomešča:
SIST EN ISO 10447:2007

Uporovno varjenje - Preskus luščenja in dletenja uporovnih točkovnih in bradavičnih zvarov (ISO 10447:2015)

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

Widerstandsschweißen - Schäl-, Meißel- und Keilprüfung von Widerstandspunkt- und Buckelschweißverbindungen (ISO 10447:2015)

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

Ta slovenski standard je istoveten z: EN ISO 10447:2015

ICS:

25.160.40 Varjeni spoji in vari Welded joints

SIST EN ISO 10447:2015 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 10447:2015](#)

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>

EUROPEAN STANDARD

EN ISO 10447

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2015

ICS 25.160.40

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.

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.

(standards.iteh.ai)

CEN members are the national standards bodies of 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 United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....3

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

[SIST EN ISO 10447:2015](https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015)

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>

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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
[SIST EN ISO 10447:2015](https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015)
<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 10447:2015](#)

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>

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*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 10447:2015](https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015)

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>



Reference number
ISO 10447:2015(E)

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 10447:2015

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2015

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

	Page
Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Test specimens.....	2
5 Test procedure.....	3
5.1 Chisel test.....	3
5.2 Peel test.....	5
5.3 Measurement of weld size.....	5
6 Test report.....	10
Bibliography.....	11

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 10447:2015](https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015)

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>

ISO 10447:2015(E)

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).

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).

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 I1W, *International Institute of Welding*, Commission III.

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

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>

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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 10447:2015](https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015)

<https://standards.iteh.ai/catalog/standards/sist/6a7c2da3-9465-42ea-a843-6041c982751e/sist-en-iso-10447-2015>