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I dcfcj bc'lc \_cj bc'j Uf'Yb'Y!'Dcfi ý]hj Ybc'dfYg\_i ýUb'Y'nj Ufcj '!JfghY'bUdU\_]b  
[ Yca Yf]g\_Y'a Yf]hj YnUi dcfcj bY'lc \_cj bYž\_c`i IbY]b'VfUXUj ] bY'nj UfY'fGC  
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Resistance welding - Destructive tests of welds - Failure types and geometric measurements for resistance spot, seam and projection welds (ISO 14329:2003)

Widerstandsschweißen - Zerstörende Prüfung von Schweißverbindungen - Brucharten und geometrische Messgrößen für Widerstandspunkt-, Rollennaht- und Buckelschweißungen (ISO 14329:2003)

Soudage par résistance - Essais destructifs des soudures - Types de rupture et dimensions géométriques pour les assemblages soudés par résistance par points, à la molette et par bossages (ISO 14329:2003)

**Ta slovenski standard je istoveten z: EN ISO 14329:2003**

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**ICS:**

25.160.40 Varjeni spoji in vari Welded joints

**SIST EN ISO 14329:2004 en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 14329**

July 2003

ICS 25.160.40

English version

**Resistance welding - Destructive tests of welds - Failure types  
and geometric measurements for resistance spot, seam and  
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Soudage par résistance - Essais destructifs des soudures -  
Types de rupture et dimensions géométriques pour les  
assemblages soudés par résistance par points, à la  
molette et par bossages (ISO 14329:2003)

Widerstandsschweißen - Zerstörende Prüfung von  
Schweißverbindungen - Brucharten und geometrische  
Messgrößen für Widerstandspunkt-, Rollennaht- und  
Buckelschweißungen (ISO 14329:2003)

This European Standard was approved by CEN on 5 June 2003.

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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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

EN ISO 14329:2003 (E)

<b>CORRECTED 2003-09-24</b>
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## Foreword

This document (EN ISO 14329:2003) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DS.

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 January 2004, and conflicting national standards shall be withdrawn at the latest by January 2004.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

## Endorsement notice

The text of ISO 14329:2003 has been approved by CEN as EN ISO 14329:2003 without any modifications.

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# INTERNATIONAL STANDARD

**ISO**  
**14329**

First edition  
2003-07-01

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## Resistance welding — Destructive tests of welds — Failure types and geometric measurements for resistance spot, seam and projection welds

*Soudage par résistance — Essais destructifs des soudures — Types  
de rupture et dimensions géométriques pour les assemblages soudés  
par résistance par points, à la molette et par bossages*

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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 14329 was prepared in collaboration with the International Institute of Welding which has been approved by the ISO Council as an international standardizing body in the field of welding.

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# Resistance welding — Destructive tests of welds — Failure types and geometric measurements for resistance spot, seam and projection welds

## 1 Scope

This International Standard specifies the definitions of the geometric measurements and fracture types to be used in relation to the testing of resistance spot, projection and seam welds in which different loading configurations cause different stress distributions in the weld (see Figure 1). The aim of these definitions is to give a base for all other related standards.

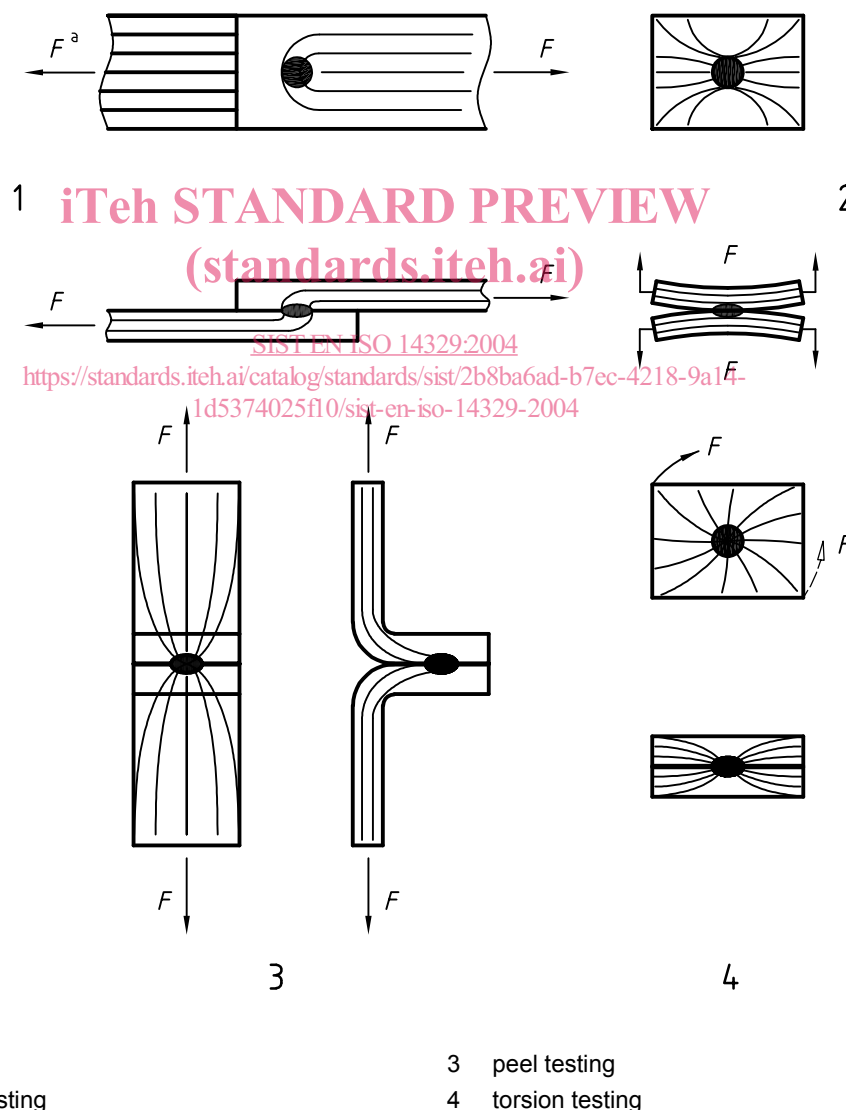


Figure 1 — Schematic illustrations showing stress distribution depending on direction of the testing load