

<b>STN</b>	<b>Mechanické skúšky zvarov kovových materiálov. Skúška ťahom na krížových a preplátovaných spojoch (ISO 9018: 2015).</b>	<b>STN EN ISO 9018</b>  05 1111
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Destructive tests on welds in metallic materials - Tensile test on cruciform and lapped joints (ISO 9018:2015)

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. 02/16

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English Version

## Destructive tests on welds in metallic materials - Tensile test on cruciform and lapped joints (ISO 9018:2015)

Essais destructifs des soudures sur matériaux métalliques - Essai de traction des assemblages en croix et à recouvrement (ISO 9018:2015)

Zerstörende Prüfung von Schweißverbindungen an metallischen Werkstoffen - Zugversuch am Doppel-T-Stoß und Überlappstoß (ISO 9018:2015)

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<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

## European foreword

This document (EN ISO 9018:2015) 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of an identical text or by endorsement, at the latest by May 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

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.

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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 9018:2015 has been approved by CEN as EN ISO 9018:2015 without any modification.

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## **Destructive tests on welds in metallic materials — Tensile test on cruciform and lapped joints**

*Essais destructifs des soudures sur matériaux métalliques — Essai de traction des assemblages en croix et à recouvrement*





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# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Symbols and abbreviated terms</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>2</b>
<b>5 Test pieces and test specimens</b> .....	<b>2</b>
5.1 Test pieces.....	2
5.2 Test specimens.....	2
5.2.1 Dimensions.....	2
5.2.2 Marking.....	2
5.3 Heat treatment and/or ageing.....	2
5.4 Extraction of test pieces.....	3
5.4.1 General.....	3
5.4.2 Steel.....	3
5.4.3 Surface preparation.....	3
<b>6 Method of testing</b> .....	<b>6</b>
<b>7 Test report</b> .....	<b>7</b>
<b>8 Evaluation of results</b> .....	<b>7</b>
<b>Annex A (informative) Example of a test report</b> .....	<b>8</b>

## 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](http://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 ISO/TC 44, *Welding and allied processes*, SC 5, *Testing and inspection of welds*.

This second edition cancels and replaces the first edition (ISO 9018:2003), of which it constitutes a minor revision.

Requests for official interpretations of any aspect of this standard should be directed to the Secretariat of ISO/TC 44/SC 5 via your national standards body, a complete listing which can be found at [www.iso.org](http://www.iso.org).



# Destructive tests on welds in metallic materials — Tensile test on cruciform and lapped joints

## 1 Scope

This International Standard specifies the sizes of test pieces and test specimens, and the procedure for carrying out tensile tests, for determining the tensile strength and location of fractures in welded joints with transverse stressed fillet welds.

It is applicable to metallic materials with welded cruciform and lapped joints on plates, where the term *plate* — alone or in combination — refers to plates, sheets, extruded bars or other solid sections.

Information concerning the evaluation of test results is not included in this International Standard.

## 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 6892-1, *Metallic materials — Tensile testing — Part 1: Method of test at room temperature*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**