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Metallic materials - Bend test (ISO 7438:2016)

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. 07/16

Obsahuje: EN ISO 7438:2016, ISO 7438:2016

Oznámením tejto normy sa ruší
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 7438

January 2016

ICS 77.040.10

Supersedes EN ISO 7438:2005

English Version

Metallic materials - Bend test (ISO 7438:2016)

Matériaux métalliques - Essai de pliage (ISO 7438:2016)

Metallische Werkstoffe - Biegeversuch (ISO 7438:2016)

This European Standard was approved by CEN on 21 November 2015.

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

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

Ref. No. EN ISO 7438:2016 E

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European foreword

This document (EN ISO 7438:2016) has been prepared by Technical Committee ISO/TC 164 “Mechanical testing of metals” in collaboration with Technical Committee ECISS/TC 101 “Test methods for steel (other than chemical analysis)” the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by July 2016, and conflicting national standards shall be withdrawn at the latest by July 2016.

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Endorsement notice

The text of ISO 7438:2016 has been approved by CEN as EN ISO 7438:2016 without any modification.

INTERNATIONAL STANDARD

ISO 7438

Third edition
2016-01-15

Metallic materials — Bend test

Matériaux métalliques — Essai de pliage

Reference number
ISO 7438:2016(E)

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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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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 164, *Mechanical testing of metals*, Subcommittee SC 2, *Ductility testing*.

This third edition cancels and replaces the second edition (ISO 7438:2005), which has been technically revised. The following changes have been made:

— Figure 3 has been revised;

— a note has been added in 4.2.2;

— Formula (A.4) and Figure A.1 have been revised.

INTERNATIONAL STANDARD **ISO 7438:2016(E)**

Metallic materials — Bend test

1 Scope

This International Standard specifies a method for determining the ability of metallic materials to undergo plastic deformation in bending.

This International Standard applies to test pieces taken from metallic products, as specified in the relevant product standard. It is not applicable to certain materials or products, for example tubes in full section or welded joints, for which other standards exist.