



# SLOVENSKI STANDARD

## SIST EN ISO 2400:2013

01-februar-2013

Nadomešča:  
SIST EN 12223:2000

---

**Neporušitveno preskušanje - Ultrazvočne preiskave - Specifikacije za umeritveni vzorec št. 1 (ISO 2400:2012)**

Non-destructive testing - Ultrasonic examination - Specification for calibration block No. 1 (ISO 2400:2012)

Zerstörungsfreie Prüfung - Ultraschallprüfung - Beschreibung des Kalibrierkörpers Nr 1 (ISO 2400:2012)

Essais non destructifs - Contrôle par ultrasons - Spécifications relatives au bloc d'étalonnage n° 1 (ISO 2400:2012)

ITeH STANDARD PREVIEW  
(standards.iteh.ai)

**Ta slovenski standard je istoveten z: EN ISO 2400:2012**

---

**ICS:**

19.100      Neporušitveno preskušanje      Non-destructive testing

**SIST EN ISO 2400:2013**

**en,fr,de**

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

SIST EN ISO 2400:2013

<https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 2400**

September 2012

ICS 25.160.40

Supersedes EN 12223:1999

English Version

## Non-destructive testing - Ultrasonic testing - Specification for calibration block No. 1 (ISO 2400:2012)

Essais non destructifs - Contrôle par ultrasons -  
Spécifications relatives au bloc d'étalonnage n° 1 (ISO  
2400:2012)

Zerstörungsfreie Prüfung - Ultraschallprüfung -  
Beschreibung des Kalibrierkörpers Nr 1 (ISO 2400:2012)

This European Standard was approved by CEN on 14 September 2012.

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.

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/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013>



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

**Contents**

Page

Foreword.....3

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

SIST EN ISO 2400:2013

<https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013>

## Foreword

This document (EN ISO 2400:2012) has been prepared by Technical Committee CEN/TC 138 "Non-destructive testing", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 135 "Non-destructive testing".

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 mars 2013, and conflicting national standards shall be withdrawn at the latest by mars 2013.

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 12223:1999.

According to the CEN/CENELEC Internal Regulations, the national standards organisations 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.

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

[SIST EN ISO 2400:2013](https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013)

<https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013>

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

[SIST EN ISO 2400:2013](https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013)

<https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013>

# INTERNATIONAL STANDARD

**ISO  
2400**

Second edition  
2012-09-15

---

---

## **Non-destructive testing — Ultrasonic testing — Specification for calibration block No. 1**

*Essais non destructifs — Contrôle par ultrasons — Spécifications  
relatives au bloc d'étalonnage n° 1*

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

[SIST EN ISO 2400:2013](https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013)

[https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-  
273347c3dfde/sist-en-iso-2400-2013](https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013)



Reference number  
ISO 2400:2012(E)

© ISO 2012

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

SIST EN ISO 2400:2013

<https://standards.iteh.ai/catalog/standards/sist/42d9c644-fcaa-48bb-997b-273347c3dfde/sist-en-iso-2400-2013>



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing 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](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland



## 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.

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 2400 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 138, *Non-destructive testing*, in collaboration with Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 3, *Ultrasonic testing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 2400:1972), which has been technically revised.

Changes from the first edition include the addition of:

- a new clause on manufacture of the block;
- a new clause on sound velocities;
- a new clause on marking and certification of the blocks;
- a new clause on possible modifications to block No. 1;
- a new clause on the use of existing blocks;
- a normative annex on the determination of velocities.