

SLOVENSKI STANDARD

SIST EN ISO 7963:2011

01-februar-2011

Nadomešča:
SIST EN 27963:1996

Neporušitveno preskušanje - Ultrazvočno preskušanje - Specifikacije za umeritveni vzorec št. 2 (ISO 7963:2006)

Non-destructive testing - Ultrasonic testing - Specification for calibration block No. 2 (ISO 7963:2006)

Zerstörungsfreie Prüfung - Ultraschallprüfung - Beschreibung des Kalibrierkörpers Nr 2 (ISO 7963:2006)

Essais non destructifs - Contrôle par ultrasons - Spécifications relatives au bloc d'étalonnage n° 2 (ISO 7963:2006)

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Ta slovenski standard je istoveten z: EN ISO 7963:2010

ICS:

25.160.40	Varjeni spoji in vari	Welded joints
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 7963

September 2010

ICS 25.160.40

Supersedes EN 27963:1992

English Version

**Non-destructive testing - Ultrasonic testing - Specification for
calibration block No. 2 (ISO 7963:2006)**

Essais non destructifs - Contrôle par ultrasons -
Spécifications relatives au bloc d'étalonnage n° 2 (ISO
7963:2006)

Zerstörungsfreie Prüfung - Ultraschallprüfung -
Beschreibung des Kalibrierkörpers Nr 2 (ISO 7963:2006)

This European Standard was approved by CEN on 26 August 2010.

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 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 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

The text of ISO 7963:2006 has been prepared by Technical Committee ISO/TC 135 “Non-destructive testing” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 7963:2010 by Technical Committee CEN/TC 138 “Non-destructive testing” 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 March 2011, and conflicting national standards shall be withdrawn at the latest by March 2011.

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 27963:1992.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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Endorsement notice

The text of ISO 7963:2006 has been approved by CEN as a EN ISO 7963:2010 without any modification.

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INTERNATIONAL STANDARD

**ISO
7963**

Second edition
2006-09-15

Non-destructive testing — Ultrasonic testing — Specification for calibration block No. 2

*Essais non destructifs — Contrôle par ultrasons — Spécifications
relatives au bloc d'étalonnage n° 2*

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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.

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.

ISO 7963 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 5, *Testing and inspection of welds*.

This second edition cancels and replaces the first edition (ISO 7963:1985), which has been technically revised.

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Introduction

Calibration block No. 2 differs in size and shape from that described in ISO 2400.

Calibration block No. 2 is very much smaller and lighter, and its geometry is much simpler.

Calibration block No. 2 does not offer as much scope as the larger block; in particular it is not meant to check an ultrasonic flaw detector completely.

However, calibration block No. 2 makes it possible, during practical testing, to check simply, from time to time, the setting of the time base and the sensitivity of the ultrasonic equipment. Moreover, it is suited to checking the beam angle and the probe index of miniature angle-beam probes.

NOTE Calibration block No. 1 is currently specified in EN 12223.

Requests for official interpretations of any aspect of this International 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.

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