



SLOVENSKI STANDARD
kSIST FprEN ISO 16946:2016
01-december-2016

Neporušitveno preskušanje - Ultrazvočno preskušanje - Specifikacija za kalibracijo stopničastega klinastega bloka (ISO/FDIS 16946:2016)

Non-destructive testing - Ultrasonic testing - Specification for step wedge calibration block (ISO/FDIS 16946:2016)

Zerstörungsfreie Prüfung - Ultraschallprüfung - Beschreibung des Stufenkeil-Kalibrierkörpers (ISO/FDIS 16946:2016)

Essais non destructifs - Essais par ultrasons - Spécifications relatives aux blocs d'étalonnage à gradins (ISO/FDIS 16946:2016)

Ta slovenski standard je istoveten z: FprEN ISO 16946

ICS:

19.100 Neporušitveno preskušanje Non-destructive testing

kSIST FprEN ISO 16946:2016

en,fr,de

FINAL
DRAFT

INTERNATIONAL
STANDARD

ISO/FDIS
16946

ISO/TC 135/SC 3

Secretariat: DIN

Voting begins on:
2016-10-10

Voting terminates on:
2017-01-02

Non-destructive testing — Ultrasonic testing — Specification for step wedge calibration block

Essais non destructifs — Essais par ultrasons — Spécifications relatives aux blocs d'étalonnage à gradins

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

ISO/CEN PARALLEL PROCESSING



Reference number
ISO/FDIS 16946:2016(E)

© ISO 2016



COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Dimensions	1
5 Alternative dimensions	2
6 Material	2
7 Preparation	2
8 Marking	3
9 Declaration of conformity	3
Bibliography	4

ISO/FDIS 16946:2016(E)

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).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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 World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 135, *Non-destructive testing*, Subcommittee SC 3, *Ultrasonic testing*.

This second edition cancels and replaces the first edition (ISO 16946:2015), of which it constitutes a minor revision with the following changes:

- a) the Normative References clause has been updated;
- b) [Figure 1](#) has been updated with the correct tolerances for length and width.

Introduction

A step wedge calibration block is not meant to check an ultrasonic instrument. A step wedge calibration block 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.

Calibration block No. 1 is specified in ISO 2400.

Calibration block No. 2 is specified in ISO 7963.

Requests for official interpretations of any aspect of this document are to be directed to the Secretariat of ISO/TC 135/SC 3 via your national standards body, a complete listing of which can be found at www.iso.org.

