

SLOVENSKI STANDARD

SIST EN ISO 5436-2:2013

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Nadomešča:

SIST EN ISO 5436-2:2004

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Specifikacija geometrijskih veličin izdelka - Tekstura površine: profilna metoda - Standardi za merjenje - 2. del: Standardi za merilno programsko opremo (ISO 5436-2:2012)

Geometrical product specifications (GPS) - Surface texture: Profile method; Measurement standards - Part 2: Software measurement standards (ISO 5436-2:2012)

Geometrische Produktspezifikation (GPS) - Oberflächenbeschaffenheit: Tastschnittverfahren; Normale - Teil 2: Software-Normale (ISO 5436-2:2012)

Spécification géométrique des produits (GPS) - État de surface: Méthode du profil; Étalons - Partie 2: Étalons logiciels (ISO 5436-2:2012)

Ta slovenski standard je istoveten z: EN ISO 5436-2:2012

ICS:

17.040.30	Merila	Measuring instruments
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en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 5436-2

October 2012

ICS 17.040.30

Supersedes EN ISO 5436-2:2001

English Version

**Geometrical product specifications (GPS) - Surface texture:
Profile method; Measurement standards - Part 2: Software
measurement standards (ISO 5436-2:2012)**

Spécification géométrique des produits (GPS) - État de
surface: Méthode du profil; Étalons - Partie 2: Étalons
logiciels (ISO 5436-2:2012)

Geometrische Produktspezifikation (GPS) -
Oberflächenbeschaffenheit: Tastschnittverfahren; Normale
- Teil 2: Software-Normale (ISO 5436-2:2012)

This European Standard was approved by CEN on 25 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.



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Foreword

This document (EN ISO 5436-2:2012) has been prepared by Technical Committee ISO/TC 213 "Dimensional and geometrical product specifications and verification" in collaboration with Technical Committee CEN/TC 290 "Dimensional and geometrical product specification and verification" 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 April 2013, and conflicting national standards shall be withdrawn at the latest by April 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 ISO 5436-2:2001.

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.

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Endorsement notice

The text of ISO 5436-2:2012 has been approved by CEN as a EN ISO 5436-2:2012 without any modification.

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INTERNATIONAL STANDARD

ISO
5436-2

Second edition
2012-10-01

Geometrical product specifications (GPS) — Surface texture: Profile method; Measurement standards —

Part 2: Software measurement standards

*Spécification géométrique des produits (GPS) — État de surface:
Méthode du profil, Étalons —
Partie 2: Étalons logiciels*

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ISO 5436-2:2012(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.

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 5436-2 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

This second edition cancels and replaces the first edition (ISO 5436-2:2001), which has been technically revised. It also incorporates the Technical Corrigenda ISO 5436-2:2001/Cor.1:2006 and ISO 5436-2:2001/Cor.2:2008.

ISO 5436 consists of the following parts, under the general title *Geometrical product specifications (GPS) — Surface texture: Profile method*: *Measurement standards*.

- Part 1: Material measures
- Part 2: Software measurement standards

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Introduction

This part of ISO 5436 is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see ISO/TR 14638). It influences chain link 6 of the chain of standards on roughness, waviness and primary profiles.

The ISO/GPS Masterplan given in ISO/TR 14638 gives an overview of the ISO/GPS system of which this document is a part. The fundamental rules of ISO/GPS given in ISO 8015 apply to this document and the default decision rules given in ISO 14253-1 apply to specifications made in accordance with this document, unless otherwise indicated.

For more detailed information on the relationship of this part of ISO 5436 to other standards and the GPS matrix model, see Annex B.

This part of ISO 5436, together with ISO 5436-1, introduces two new measurement standards:

- Type E, for calibrating the profile co-ordinate system;
- Type F, for calibrating software.

This part of ISO 5436 is concerned with software measurement standards.

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