
Specifikacija geometrijskih veličin izdelka - Splošni pogoji - 2. del: Osnovna načela, specifikacije, parametri in negotovosti (ISO 17450-2:2012)

Geometrical product specifications (GPS) - General concepts - Part 2: Basic tenets, specifications, operators and uncertainties (ISO 17450-2:2012)

Geometrische Produktspezifikation und -prüfung (GPS) - Allgemeine Begriffe - Teil 2: Grundlegende Lehrsätze, Spezifikationen, Operatoren und Unsicherheiten (ISO 17450-2:2012)

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Spécification géométrique des produits (GPS) - Concepts généraux - Partie 2: Principes de base, spécifications, opérateurs et incertitudes (ISO 17450-2:2012)

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Ta slovenski standard je istoveten z: EN ISO 17450-2:2012

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**Geometrical product specifications (GPS) - General concepts -
Part 2: Basic tenets, specifications, operators, uncertainties and
ambiguities (ISO 17450-2:2012)**

Spécification géométrique des produits (GPS) - Concepts
généraux - Partie 2: Principes de base, spécifications,
opérateurs, incertitudes et ambiguïtés (ISO 17450-2:2012)

Geometrische Produktspezifikation und -prüfung (GPS) -
Allgemeine Begriffe - Teil 2: Grundlegende Lehrsätze,
Spezifikationen, Operatoren, Unsicherheiten und
Mehrdeutigkeiten (ISO 17450-2:2012)

This European Standard was approved by CEN on 15 September 2012.

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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.

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Contents

Page

Foreword.....3

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[SIST EN ISO 17450-2:2013](https://standards.iteh.ai/catalog/standards/sist/860c742e-3b61-4bdf-b761-5053af9f03dd/sist-en-iso-17450-2-2013)
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Foreword

This document (EN ISO 17450-2:2012) 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.

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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Geometrical product specifications (GPS) — General concepts —

Part 2:

Basic tenets, specifications, operators, uncertainties and ambiguities

*Spécification géométrique des produits (GPS) — Concepts
généraux — Partie 2: Principes de base, spécifications, opérateurs,
incertitudes et ambiguïtés*

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| Contents | Page |
|--|-------------|
| Foreword | iv |
| Introduction | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 1 |
| 3.1 Terms related to operations | 2 |
| 3.2 Terms related to operators | 3 |
| 3.3 Terms related to uncertainty | 7 |
| 3.4 Terms related to specifications | 9 |
| 4 Basic tenets | 11 |
| 5 Impact of uncertainty on basic tenets | 11 |
| 5.1 Impact of ambiguity of the description of the function and ambiguity of specification | 11 |
| 5.2 Impact of method and implementation uncertainties | 12 |
| 6 Specification process | 12 |
| 7 Verification process | 13 |
| Annex A (informative) Concept diagram | 14 |
| Annex B (informative) Drawing indications | 15 |
| Annex C (informative) Relationship to the GPS matrix model | 16 |
| Bibliography | 18 |

[SIST EN ISO 17450-2:2013](https://standards.iteh.ai/catalog/standards/sist/860c742e-3b61-4bdf-b761-5053af9f03dd/sist-en-iso-17450-2-2013)
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ISO 17450-2:2012(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 17450-2 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

This first edition of ISO 17450-2 cancels and replaces ISO/TS 17450-2:2002, which has been technically revised. It also incorporates ISO/TS 17450-2/Cor.1:2004.

ISO 17450 consists of the following parts, under the general title *Geometrical product specifications (GPS) — General concepts*:

- Part 1: *Model for geometrical specification and verification*
- Part 2: *Basic tenets, specifications, operators, uncertainties and ambiguities*

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Introduction

This part of ISO 17450 is a Geometrical Product Specifications (GPS) standard and is to be regarded as a global GPS standard (see ISO/TR 14638). It influences all chain links in all chains of standards in the general GPS matrix.

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 17450 to other standards and to the GPS matrix model, see Annex C.

This part of ISO 17450 covers several fundamental issues common to all the GPS standards developed by ISO/TC 213 and, by presenting GPS's basic tenets and specification and verification processes, explains some of the underlying ideas and indicates the starting point for the standards developed by this technical committee.

It is pointed out that these ideas — and, for that matter, all the other ideas and concepts applied by ISO/TC 213 — are subject to development and refinement, as the TC's recognition and understanding of them further evolves during its ongoing standards work.

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