
Specifikacija geometrijskih veličin izdelka - Merilni instrumenti za merjenje dolžin - Merilni instrumenti za merjenje višin - Konstrukcijske in meroslovne značilnosti (ISO 13225:2012)

Geometrical product specifications (GPS) - Dimensional measuring equipment; Height gauges - Design and metrological characteristics (ISO 13225:2012)

Geometrische Produktspezifikation (GPS) - Längenmessgeräte; Vertikale Längenmessgeräte - Konstruktionsmerkmale und messtechnische Merkmale (ISO 13225:2012)

Spécification géométrique des produits (GPS) - Equipement de mesurage dimensionnel; Mesureurs verticaux - Caractéristiques de conception et caractéristiques métrologiques (ISO 13225:2012)

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17.040.30	Merila	Measuring instruments
17.040.40	Specifikacija geometrijskih veličin izdelka (GPS)	Geometrical Product Specification (GPS)

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EUROPEAN STANDARD
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EN ISO 13225

May 2012

ICS 17.040.30

English Version

**Geometrical product specifications (GPS) - Dimensional
measuring equipment; Height gauges - Design and metrological
characteristics (ISO 13225:2012)**

Spécification géométrique des produits (GPS) -
Équipement de mesurage dimensionnel; Mesureurs
verticaux - Caractéristiques de conception et
caractéristiques métrologiques (ISO 13225:2012)

Geometrische Produktspezifikation (GPS) -
Längenmessgeräte: Vertikale Längenmessgeräte -
Konstruktionsmerkmale und messtechnische Merkmale
(ISO 13225:2012)

This European Standard was approved by CEN on 16 March 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.

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Foreword

This document (EN ISO 13225:2012) 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 November 2012, and conflicting national standards shall be withdrawn at the latest by November 2012.

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.

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INTERNATIONAL STANDARD

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Geometrical product specifications (GPS) — Dimensional measuring equipment; Height gauges — Design and metrological characteristics

*Spécification géométrique des produits (GPS) — Équipement de
mesurage dimensionnel; Mesureurs verticaux — Caractéristiques de
conception et caractéristiques métrologiques*

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ISO 13225:2012(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.

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ISO 13225 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

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Introduction

This International Standard is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see ISO/TR 14638). It influences the chain link 5 of the chain of standards on size and distance.

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 of the relation of this International Standard to the GPS matrix model, see Annex D.

This International Standard is intended to serve the purpose of promoting

- the relationship between the manufacturer and purchaser, and
- the management of measuring instruments in the quality-assurance system.

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