

ICS 17.040.30; 17.040.40

Supersedes
DIN EN ISO 14253-1:2013-12

**Geometrical product specifications (GPS) –
Inspection by measurement of workpieces and measuring equipment –
Part 1: Decision rules for verifying conformity or nonconformity with
specifications (ISO 14253-1:2017);
English version EN ISO 14253-1:2017,
English translation of DIN EN ISO 14253-1:2018-07**

Geometrische Produktspezifikationen (GPS) –
Prüfung von Werkstücken und Messgeräten durch Messen –
Teil 1: Entscheidungsregeln für den Nachweis von Konformität oder Nichtkonformität mit
Spezifikationen (ISO 14253-1:2017);
Englische Fassung EN ISO 14253-1:2017,
Englische Übersetzung von DIN EN ISO 14253-1:2018-07

Spécification géométrique des produits (GPS) –
Vérification par la mesure des pièces et des équipements de mesure –
Partie 1: Règles de décision pour contrôler la conformité ou la non-conformité à la
spécification (ISO 14253-1:2017);
Version anglaise EN ISO 14253-1:2017,
Traduction anglaise de DIN EN ISO 14253-1:2018-07

Document comprises 32 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN ISO 14253-1:2017) 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” (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was *DIN-Normenausschuss Technische Grundlagen* (DIN Standards Committee Technical Fundamentals), Working Committee NA 152-03-02 AA “CEN/ISO Geometrical product specifications and verification”.

The DIN documents corresponding to the international documents referred to in this document are as follows:

ISO 1938-1	DIN EN ISO 1938-1
ISO 3534-1	DIN ISO 3534-1
ISO 3534-2	DIN ISO 3534-2
ISO 8015	DIN EN ISO 8015
ISO 9000	DIN EN ISO 9000
ISO 14253-2	DIN EN ISO 14253-2
ISO 14638	DIN EN ISO 14638
ISO 25378	DIN EN ISO 25378
ISO/IEC Guide 98-3	DIN V ENV 13005
ISO/IEC Guide 99	VIM

Amendments

This standard differs from DIN EN ISO 14253-1:2013-12 as follows:

- a) the content has been brought in line with ISO/IEC Guide 98-4:2012;
- b) the default coverage factor $k = 2$ has been replaced by a default conformance probability of 95 %;
- c) the terminology has been updated;
- d) the standard has been editorially revised.

Previous editions

DIN EN ISO 14253-1: 1999-03, 2013-12
DIN EN ISO 14253-1 Supplement 1: 2000-05

National Annex NA (informative)

Bibliography

DIN EN ISO 1938-1, *Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 1: Plain limit gauges of linear size*

DIN EN ISO 8015, *Geometrical product specifications (GPS) — Fundamentals — Concepts, principles and rules*

DIN EN ISO 9000, *Quality management systems — Fundamentals and vocabulary*

DIN EN ISO 14253-2, *Geometrical product specifications (GPS) — Inspection by measurement of workpieces and measuring equipment — Part 2: Guidance for the estimation of uncertainty in GPS measurement, in calibration of measuring equipment and in product verification*

DIN EN ISO 14638, *Geometrical Product Specifications (GPS) — Matrix model*

DIN EN ISO 25378, *Geometrical product specifications (GPS) — Characteristics and conditions — Definitions*

DIN ISO 3534-1, *Statistics — Vocabulary and symbols — Part 1: General statistical terms and terms used in probability*

DIN ISO 3534-2, *Statistics — Vocabulary and symbols — Part 2: Applied statistics*

DIN V ENV 13005, *Guide to the expression of uncertainty in measurement*

International vocabulary of metrology — Basic and general concepts and associated terms (VIM)

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English Version

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measurement of workpieces and measuring equipment -
Part 1: Decision rules for verifying conformity or
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Spécification géométrique des produits (GPS) -
Vérification par la mesure des pièces et des
équipements de mesure - Partie 1: Règles de décision
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spécification (ISO 14253-1:2017)

Geometrische Produktspezifikationen (GPS) - Prüfung
von Werkstücken und Messgeräten durch Messen -
Teil 1: Entscheidungsregeln für den Nachweis von
Konformität oder Nichtkonformität mit Spezifikationen
(ISO 14253-1:2017)

This European Standard was approved by CEN on 28 September 2017.

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