

# **SLOVENSKI STANDARD**

## **SIST EN ISO 1:2022**

**01-september-2022**

**Nadomešča:**  
**SIST EN ISO 1:2016**

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### **Specifikacije geometrijskih veličin izdelka (GPS) - Standardna referenčna temperatura za specifikacijo geometrijskih in dimenzijskih lastnosti (ISO 1:2022)**

Geometrical product specifications (GPS) - Standard reference temperature for the specification of geometrical and dimensional properties (ISO 1:2022)

Geometrische Produktspezifikation (GPS) - Standardreferenztemperatur für die Spezifikation der geometrischen und maßlichen Eigenschaften (ISO 1:2022)

Spécification géométrique des produits (GPS) - Température normale de référence pour la spécification des propriétés géométriques et dimensionnelles (ISO 1:2022)

**Ta slovenski standard je istoveten z: EN ISO 1:2022**

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#### **ICS:**

17.040.40	Specifikacija geometrijskih veličin izdelka (GPS)	Geometrical Product Specification (GPS)
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**SIST EN ISO 1:2022**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 1

June 2022

ICS 17.040.01

Supersedes EN ISO 1:2016

English Version

Geometrical product specifications (GPS) - Standard  
reference temperature for the specification of geometrical  
and dimensional properties (ISO 1:2022)

Spécification géométrique des produits (GPS) -  
Température normale de référence pour la  
spécification des propriétés géométriques et  
dimensionnelles (ISO 1:2022)

Geometrische Produktspezifikation (GPS) -  
Standardreferenztemperatur für die Spezifikation der  
geometrischen und maßlichen Eigenschaften (ISO  
1:2022)

This European Standard was approved by CEN on 19 June 2022.

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## European foreword

This document (EN ISO 1:2022) 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of an identical text or by endorsement, at the latest by December 2022, and conflicting national standards shall be withdrawn at the latest by December 2022.

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The text of ISO 1:2022 has been approved by CEN as EN ISO 1:2022 without any modification.



# INTERNATIONAL STANDARD

ISO  
1

Fourth edition  
2022-06

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## Geometrical product specifications (GPS) — Standard reference temperature for the specification of geometrical and dimensional properties

*Spécification géométrique des produits (GPS) — Température  
normale de référence pour la spécification des propriétés  
géométriques et dimensionnelles*

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Reference number  
ISO 1:2022(E)

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Published in Switzerland

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## ISO 1:2022(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](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 290, *Dimensional and geometrical product specification and verification*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 1:2016), which has been technically revised.

The main changes are as follows:

- clarification that the standard reference temperature value of 20 °C is of the International Scale according to the ITS-90, the *International Temperature Scale of 1990*,<sup>[5]</sup> which does not imply any change in the value;
- addition of [Annex B](#) to introduce the International Temperature according to the ITS-90 and to illustrate the implications of this document compared with the previous edition;
- removal of the references to other fundamental ISO GPS standards in the Introduction and in the ISO GPS matrix annex, [Annex C](#).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).