

STN	Geometrické špecifikácie výrobkov (GPS) Rozdelenie Časť 3: Metódy používané pri špecifikácii a verifikácii (ISO 18183-3: 2024)	STN EN ISO 18183-3 01 4456
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Geometrical product specifications (GPS) - Partition - Part 3: Methods used for specification and verification (ISO 18183-3:2024)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

**Geometrical product specifications (GPS) - Partition - Part
3: Methods used for specification and verification (ISO
18183-3:2024)**

Spécification géométrique des produits (GPS) -
Partition - Partie 3: Méthodes utilisées pour la
spécification et la vérification (ISO 18183-3:2024)

Geometrische Produktspezifikation (GPS) - Partition -
Teil 3: Verfahren für die Spezifikation und Verifikation
(ISO 18183-3:2024)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 18183-3:2024 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 18183-3:2024) 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.

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The text of ISO 18183-3:2024 has been approved by CEN as EN ISO 18183-3:2024 without any modification.



International Standard

ISO 18183-3

Geometrical product specifications (GPS) — Partition —

Part 3: Methods used for specification and verification

*Spécification géométrique des produits (GPS) — Partition —
Partie 3: Méthodes utilisées pour la spécification et la vérification*

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Contents		Page
Foreword.....		iv
Introduction.....		v
1	Scope.....	1
2	Normative references.....	1
3	Terms and definitions.....	1
4	Default partition.....	1
	4.1 General.....	1
	4.2 Default partition for surfaces.....	2
	4.3 Default partition for lines.....	3
5	Explicit partition.....	5
Annex A (informative) Additional information about curvature.....		7
Annex B (informative) Implementations for the default partition.....		11
Annex C (informative) Relationship to the GPS matrix model.....		19
Bibliography.....		20

ISO 18183-3:2024(en)**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 document 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).

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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).

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ISO 18183-3:2024(en)**Introduction**

This document is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see ISO 14638). It influences chain links B, C and E of the chains of standards on size, distance, form, orientation, location and run-out in the GPS matrix model.

The ISO GPS matrix model given in ISO 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 relation of this document to other standards and the GPS matrix model, see [Annex C](#).

This document develops the concepts and methods for default partition of the skin model (in specification) and the sampled surface model (in verification) along with ISO 18183-1¹⁾ and ISO 18183-2.

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Geometrical product specifications (GPS) — Partition —

Part 3: Methods used for specification and verification

1 Scope

This document specifies the procedure for the partition operation of geometrical product specification and verification.

This document does not apply to profile and areal surface texture.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 18183-1²⁾, *Geometrical product specifications (GPS) — Partition — Part 1: Vocabulary and basic concepts*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

2) Under preparation. Stage at the time of publication: ISO/FDIS 18183-1:2023.