საქართველოს სტანდარტი

სსკ: 17.040.30

პროდუქტის გეომეტრიული მახასიათებლები (GPS) — ზომების საზომი მოწყობილობა —პროექტირება და მოტროლოგიური მახასიათებლები გარე გაზომვებისთვის განკუთვნილი მიკრომეტრების

სსტ ისო 3611:2023/2025

საინფორმაციო მონაცემები

1 მიღებულია და დაშვებულია სამოქმედოდ: სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს გენერალური დირექტორის 30/06/2025 წლის № 45 განკარგულებით

2 მიღებულია „თავფურცლის“ თარგმნის მეთოდით: სტანდარტიზაციის საერთაშორისო ორგანიზაციის (ისო) სტანდარტი ისო 3611:2023 ,, პროდუქტის გეომეტრიული მახასიათებლები (GPS) — ზომების საზომი მოწყობილობა —პროექტირება და მოტროლოგიური მახასიათებლები გარე გაზომვებისთვის განკუთვნილი მიკრომეტრების”

3 პირველად:

4 რეგისტრირებულია: სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 30/06/2025 წლის №268-1.3-042196

INTERNATIONAL STANDARD

ISO 3611

Third edition
2023-05

Geometrical product specifications (GPS) — Dimensional measuring equipment — Design and metrological characteristics of micrometers for external measurements

Spécification géométrique des produits (GPS) — Équipement de mesurage dimensionnel — Caractéristiques de conception et caractéristiques métrologiques des micromètres d'extérieur

Reference number
ISO 3611:2023(E)

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Published in Switzerland

Contents

Page

Foreword

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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).

This third edition cancels and replaces the second edition (ISO 3611:2010), which has been technically revised.

The main changes are as follows:

— general design characteristics have been removed and reference to ISO 14978:2018 has been included;

— metrological characteristics have been clarified and modified;

— requirements for test methods have been included;

— classification system of maximum permissible errors has been added.

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.

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 the chain links for measuring equipment and calibration on size and distance in the general GPS matrix (see Annex C).

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; see ISO/TR 14253-6 for additional information on the selection of alternative decision rules.

For more detailed information on the relation of this document to other standards and the GPS matrix model, see Annex C.