

SLOVENSKI STANDARD SIST EN ISO 16610-62:2023

01-maj-2023

Specifikacija geometrijskih veličin izdelka (GPS) - Filtriranje - 62. del: Linearni ravni filtri: Utorni filtri (ISO 16610-62:2023)

Geometrical product specifications (GPS) - Filtration - Part 62: Linear areal filters: Spline filters (ISO 16610-62:2023)

Geometrische Produktspezifikation (GPS) - Filterung - Teil 62: Lineare Flächenfilter: Spline-Filter (ISO 16610-62:2023)

Spécification géométrique des produits (GPS) - Filtrage - Partie 62: Filtres surfaciques linéaires : Filtres spline (ISO 16610-62:2023)

Ta slovenski standard je istoveten z: EN ISO 16610-62:2023

ICS:

17.040.20 Lastnosti površin Properties of surfaces 17.040.40 Specifikacija geometrijskih Geometrical Product veličin izdelka (GPS) Specification (GPS)

SIST EN ISO 16610-62:2023 en,fr,de

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM EN ISO 16610-62

March 2023

ICS

English Version

Geometrical product specifications (GPS) - Filtration - Part 62: Linear areal filters: Spline filters (ISO 16610-62:2023)

Spécification géométrique des produits (GPS) - Filtrage - Partie 62: Filtres surfaciques linéaires : Filtres spline (ISO 16610-62:2023)

Geometrische Produktspezifikation (GPS) - Filterung - Teil 62: Lineare Flächenfilter: Spline-Filter (ISO 16610-62:2023)

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European foreword

This document (EN ISO 16610-62:2023) 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of an identical text or by endorsement, at the latest by September 2023, and conflicting national standards shall be withdrawn at the latest by September 2023.

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SIST EN ISO 16610-62:2023

INTERNATIONAL STANDARD

ISO 16610-62

First edition 2023-02

Geometrical product specifications (GPS) — Filtration —

Part 62:

Linear areal filters: spline filters

Spécification géométrique des produits (GPS) — Filtrage —
Partie 62: Filtres surfaciques linéaires: filtres spline

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Published in Switzerland

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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.

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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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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 link C on feature properties 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 information on the relationship of this document to the filtration matrix model, see Annex A.

For more detailed information of the relation of this document to other standards and the GPS matrix model, see <u>Annex B</u>.

This document specifies the terminology and concepts for linear areal spline filters. It specifies how to separate long- and short-wave components of a surface with a global shape retainment.

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