



SLOVENSKI STANDARD
SIST EN ISO 16610-30:2017
01-april-2017

**Specifikacija geometrijskih veličin izdelka (GPS) - Filtriranje - 30. del: Robustni
filtrni profil: osnovni pojmi (ISO 16610-30:2015)**

Geometrical product specifications (GPS) - Filtration - Part 30: Robust profile filters:
Basic concepts (ISO 16610-30:2015)

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Spécification géométrique des produits (GPS) - Filtrage - Partie 30: Filtres de profil
robustes: Concepts de base (ISO 16610-30:2015)

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Ta slovenski standard je istoveten z: EN ISO 16610-30:2017

ICS:

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

SIST EN ISO 16610-30:2017

en,fr,de

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EUROPEAN STANDARD

EN ISO 16610-30

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2017

ICS 17.040.20

English Version

Geometrical product specifications (GPS) - Filtration - Part 30: Robust profile filters: Basic concepts (ISO 16610- 30:2015)

Spécification géométrique des produits (GPS) - Filtrage
- Partie 30: Filtres de profil robustes: Concepts de base
(ISO 16610-30:2015)

Geometrische Produktspezifikation (GPS) - Filterung -
Teil 30: Robuste Profilfilter: Grundlegende Konzepte
(ISO 16610-30:2015)

This European Standard was approved by CEN on 20 December 2016.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

The text of ISO 16610-30:2015 has been prepared by Technical Committee ISO/TC 213 “Dimensional and geometrical product specifications and verification” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 16610-30:2017 by 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 July 2017, and conflicting national standards shall be withdrawn at the latest by July 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 16610-30:2015 has been approved by CEN as EN ISO 16610-30:2017 without any modification.

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INTERNATIONAL
STANDARD

ISO
16610-30

First edition
2015-10-01

**Geometrical product specifications
(GPS) — Filtration —**

**Part 30:
Robust profile filters: Basic concepts**

Spécification géométrique des produits (GPS) — Filtrage —

Partie 30: Filtres de profil robustes: Concepts de base

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Reference number
ISO 16610-30:2015(E)

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ISO 16610-30:2015(E)

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 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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#).

The committee responsible for this document is ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

This first edition of ISO 16610-30 cancels and replaces ISO/TS 16610-30:2009, which has been technically revised.

ISO 16610 consists of the following parts, under the general title *Geometrical product specifications (GPS) — Filtration*:

- Part 1: Overview and basic concepts
- Part 20: Linear profile filters: Basic concepts
- Part 21: Linear profile filters: Gaussian filters
- Part 22: Linear profile filters: Spline filters
- Part 28: Profile filters: End effects
- Part 29: Linear profile filters: Spline wavelets
- Part 30: Robust profile filters: Basic concepts
- Part 31: Robust profile filters: Gaussian regression filters
- Part 32: Robust profile filters: Spline filters
- Part 40: Morphological profile filters: Basic concepts
- Part 41: Morphological profile filters: Disk and horizontal line-segment filters
- Part 49: Morphological profile filters: Scale space techniques
- Part 60: Linear areal filters: Basic concepts

- *Part 61: Linear areal filters: Gaussian filters*
- *Part 71: Robust areal filters: Gaussian regression filters*
- *Part 85: Morphological areal filters: Segmentation*

The following parts are planned:

- *Part 26: Linear profile filters: Filtration on nominally orthogonal grid planar data sets*
- *Part 27: Linear profile filters: Filtration on nominally orthogonal grid cylindrical data sets*
- *Part 45: Morphological profile filters: Segmentation*
- *Part 62: Linear areal filters: Spline filters*
- *Part 69: Linear areal filters: Spline wavelets*
- *Part 70: Robust areal filters: Basic concepts*
- *Part 72: Robust areal filters: Spline filters*
- *Part 80: Morphological areal filters: Basic concepts*
- *Part 81: Morphological areal filters: Sphere and horizontal planar segment filters*
- *Part 89: Morphological areal filters: Scale space techniques*

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