

SLOVENSKI STANDARD

SIST EN ISO 13565-2:2000

01-december-2000

Specifikacija geometrijskih veličin izdelka - Tekstura površine: profilna metoda - Površine s slojevitimi funkcionalnimi lastnostmi - 2. del: Določevanje višine na osnovi linearne predstavitve Abbottove krivulje (ISO 13565-2:1996)

Geometrical product specifications (GPS) - Surface texture: Profile method; surfaces having stratified functional properties - Part 2: Height characterization using the linear material ratio curve (ISO 13565-2:1996)

Geometrische Produktspezifikationen (GPS) - Oberflächenbeschaffenheit: Tastschnittverfahren; Oberflächen mit plateauartigen funktionsrelevanten Eigenschaften - Teil 2: Beschreibung der Höhe mittels linearer Darstellung der Materialanteilkurve (ISO 13565-2:1996)

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Spécification géométrique des produits (GPS) - Etat de surface: Méthode du profil; surfaces ayant des propriétés fonctionnelles différentes suivant les niveaux - Partie 2: Caractérisation des hauteurs par la courbe de taux de longueur portante (ISO 13565-2:1996)

Ta slovenski standard je istoveten z: EN ISO 13565-2:1997

ICS:

17.040.20

Lastnosti površin

Properties of surfaces

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 13565-2

December 1997

ICS 17.040.20

Descriptors: see ISO document

English version

Geometrical product specifications (GPS) - Surface texture:
Profile method; surfaces having stratified functional properties -
Part 2: Height characterization using the linear material ratio
curve (ISO 13565-2:1996)

Spécification géométrique des produits (GPS) - Etat de
surface: Méthode du profil; surfaces ayant des propriétés
fonctionnelles différentes suivant les niveaux - Partie 2:
Caractérisation des hauteurs par la courbe de taux de
longueur portante (ISO 13565-2:1996)

Geometrische Produktspezifikationen (GPS) -
Oberflächenbeschaffenheit: Tastschnittverfahren;
Oberflächen mit plateauartigen funktionsrelevanten
Eigenschaften - Teil 2: Beschreibung der Höhe mittels
linearer Darstellung der Materialanteilkurve (ISO 13565-
2:1996)

This European Standard was approved by CEN on 2 November 1997.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 13565-2:1997

Foreword

The text of the International Standard from Technical Committee ISO/TC 57 "Metrology and properties of surfaces" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 290 "Dimensional and geometrical product specification and verification", the secretariat of which is held by DIN.

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 June 1998, and conflicting national standards shall be withdrawn at the latest by June 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 13565-2:1996 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)**Normative references to international publications
with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 13565-1	1996	Geometrical product specifications (GPS) - Surface texture: Profile method; surfaces having stratified functional properties - Part 1: Filtering and general measurement conditions	EN ISO 13565-1	1997

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INTERNATIONAL STANDARD

ISO
13565-2

First edition
1996-12-01

Geometrical Product Specifications (GPS) — Surface texture: Profile method; Surfaces having stratified functional properties —

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Part 2:
Height characterization using the linear
material ratio curve

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Spécification géométrique des produits (GPS) — État de surface: Méthode du profil; surfaces ayant des propriétés fonctionnelles différentes suivant les niveaux —

Partie 2: Caractérisation des hauteurs par la courbe de taux de longueur portante



Reference number
ISO 13565-2:1996(E)

ISO 13565-2:1996(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 13565-2 was prepared jointly by Technical Committees ISO/TC 57, *Metrology and properties of surfaces*, Subcommittee SC 1, *Geometrical parameters — Instruments and procedures for measurement of surface roughness and waviness*, ISO/TC 3, *Limits and fits* and ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 5, *Dimensioning and tolerancing*.

ISO 13565 consists of the following parts, under the general title *Geometrical product specifications (GPS) — Surface texture: Profile method; Surfaces having stratified functional properties*:

- *Part 1: Filtering and general measurement conditions*
- *Part 2: Height characterization using the linear material ratio curve*
- *Part 3: Height characterization using the material probability curve*

Annexes A and B of this part of ISO 13565 are for information only.

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Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Introduction

This part of ISO 13565 is a Geometrical Product Specification (GPS) standard and is to be regarded as a *General GPS standard* (see ISO/TR 14638:1995). It influences chain link 2 of the chain of standards for roughness profile.

For more detailed information of the relation of this part of ISO 13565 to other standards and the GPS matrix model, see annex A.

This part of ISO 13565 defines a set of parameters, based on the linear material ratio curve, to be used for the evaluation of the valley suppressed roughness profile defined in ISO 13565-1. It is based on a three-layer surface model, evaluating the peaks, the core and the valleys separately.

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