SLOVENSKI STANDARD
SIST EN ISO 4288:2000

01-december-2000

Specifikacija geometrijskih veličin izdelka - Tekstura površine: profilna metoda - Pravila in postopki za ocenitev teksture površine (ISO 4288:1996)

Geometrical product specifications (GPS) - Surface texture: Profile method - Rules and procedures for the assessment of surface texture (ISO 4288:1996)

Geometrische Produktspezifikationen (GPS) - Oberflächenbeschaffenheit: Tastschnittverfahren - Regeln und Verfahren für die Beurteilung der Oberflächenbeschaffenheit (ISO 4288:1996)

Spécification géométrique des produits (GPS) - Etat de surface: Méthode du profil - Regles et procédures pour l'évaluation de l'état de surface (ISO 4288:1996)

Ta slovenski standard je istoveten z: **EN ISO 4288:1997**

ICS:

17.040.20 Lastnosti površin Properties of surfaces

SIST EN ISO 4288:2000 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 4288

November 1997

ICS 17.040.20

Descriptors: see ISO document

English version

Geometrical product specifications (GPS) - Surface texture: Profile method - Rules and procedures for the assessment of surface texture (ISO 4288:1996)

Spécification géométrique des produits (GPS) - Etat de surface: Méthode du profil - Règles et procédures pour l'évaluation de l'état de surface (ISO 4288:1996)

Geometrische Produktspezifikationen (GPS) - Oberflächenbeschaffenheit: Tastschnittverfahren - Regeln und Verfahren für die Beurteilung der Oberflächenbeschaffenheit (ISO 4288:1996)

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

Ref. No. EN ISO 4288:1997 E

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 May 1998, and conflicting national standards shall be withdrawn at the latest by May 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 4288:1996 has been approved by CEN as a European Standard without any modification.

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

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 are 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.

Publication	Year	Title	EN	Year
ISO 3274	1996	Geometrical product specifications (GPS) - Surface texture: Profile method - Nominal characteristics of contact (stylus) instruments	EN ISO 3274	1997

INTERNATIONAL STANDARD

ISO 4288

Second edition
1996-08-01

Geometrical Product Specifications (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture

Spécification géométrique des produits (GPS) — État de surface: Méthode du profil — Règles et procédures pour l'évaluation de l'état de surface

Reference Number
ISO 4288:1996(E)

Contents

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Annexes

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 4288 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*.

This second edition cancels and replaces the first edition (ISO 4288:1985) which has been technically revised.

It differs from the previous edition in that filter cut-off values are chosen based on the workpiece texture rather than the drawing indication. Furthermore, this International Standard includes rules for the determination of parameters other than *Ra* and *Rz*. This second edition covers roughness profile parameters, primary profile parameters and comparison of measured motif parameter values with given specification.

It is envisaged that an amendment will be prepared covering M-system waviness profile parameters, for which there are currently no standardized rules.

Annexes A, B and C of this International Standard are for information only.

Introduction

This International Standard is a geometrical product specification (GPS) standard and is to be regarded as a general GSP standard (see ISO/TR 14638). It influences the chain links 3 and 4 of the chains of standards for roughness profile and primary profile.

For more detailed information of the relation of this International Standard to other standards and the GPS matrix model see annex B.

The discrimination between periodic and non-periodic profiles is subjective and left to the discretion of the user.