

Geometrical product specifications (GPS) - Surface imperfections - Terms, definitions and parameters

EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

E 8785:2001 8785:1 S 18 0 2001 E S	EVS-EN ISO E EN ISO E S EVS E E	E EVS-EN ISO 8785:2001 E EN ISO 8785:1 S 18 0 2001 E E E
--	---	---

ICS 01 0 0 17 17 0 0 20

Standardite reprodutseerimis- ja levitamisoõigus kuulub Eesti Standardikeskusele

E S
10 10 17 E : 05 5050 E- : E S :

Right to reproduce and distribute belongs to the Estonian Centre for Standardisation

N
I 10 10 17 E : 05 5050 E- : E S :

English version

**Geometrical product specification (GPS) - Surface imperfections
- Terms, definitions and parameters (ISO 8785:1998)**

Spécification géométrique des produits (GPS) -
Imperfections de surface - Termes, définitions et
paramètres (ISO 8785:1998)

Geometrische Produktspezifikation (GPS) -
Oberflächenunvollkommenheiten - Begriffe, Definitionen
und Kenngrößen (ISO 8785:1998)

This European Standard was approved by CEN on 26 May 1999.

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

Foreword

The text of the International Standard from Technical Committee ISO/TC 213 "Dimensional and geometrical product specifications and verification" 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 January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

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 8785:1998 has been approved by CEN as a European Standard without any modification.

EVS

Introduction

This International Standard is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see ISO/TR 14638). It influences the chain links 1 and 2 of the chain of standards for surface imperfections.

For more detailed information of the relation of this standard to other standards and the GPS matrix mode, see annex A.

EVS

Geometrical Product Specification (GPS) — Surface imperfections — Terms, definitions and parameters

Spécification géométrique des produits (GPS) — Imperfections de surface — Termes, définitions et paramètres

1 Scope

This International Standard defines terms relating to surface imperfections in order to establish a common vocabulary to be used in technical documents, technical drawings, scientific publications, etc. to specify to what extent surface imperfections are allowed and to aid in the specification of methods of measuring surface imperfections.

The surface imperfections defined in this International Standard are not related to surface roughness¹⁾ or surface waviness.

It does not specify the desirability or undesirability of surface imperfections, which depend on the application or function of the surface.

For specific applications and manufacturing processes, additional terms and definitions may be necessary. Such terms and definitions will be specified in relevant International Standards.

Some types of specific surface imperfections are defined in other International Standards as well.

1 Domaine d'application

La présente Norme internationale définit les termes relatifs aux imperfections de surface. Elle vise à établir un vocabulaire commun à utiliser dans les documents techniques, les dessins techniques, les publications scientifiques, etc., pour spécifier les imperfections admissibles et les méthodes de mesurage.

Les imperfections de surface définies dans la présente Norme internationale ne sont pas à prendre en compte dans la rugosité¹⁾ ou l'ondulation de surface.

Elle ne spécifie pas leur caractère acceptable ou non acceptable qui dépend de l'application ou de la fonction de la surface en question.

D'autres termes et définitions peuvent être nécessaires pour des applications spéciales ou des procédés de fabrication particuliers. Ils seront traités dans les Normes internationales correspondantes.

Certains types d'imperfections de surface spécifiques sont définis également dans d'autres Normes internationales.

1) See for example ISO 4287.

1) Voir, par exemple, l'ISO 4287.