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Second edition  
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## **Geometrical product specifications (GPS) — Surface texture: Profile method; Measurement standards —**

### **Part 2: Software measurement standards**

*Spécification géométrique des produits (GPS) — État de surface:  
Méthode du profil; Étalons —*

*Partie 2: Étalons logiciels*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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.

ISO 5436-2 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

This second edition cancels and replaces the first edition (ISO 5436-2:2001), which has been technically revised. It also incorporates the Technical Corrigenda ISO 5436-2:2001/Cor.1:2006 and ISO 5436-2:2001/Cor.2:2008.

ISO 5436 consists of the following parts, under the general title *Geometrical product specifications (GPS) — Surface texture: Profile method; Measurement standards*:

- *Part 1: Material measures*
- *Part 2: Software measurement standards*

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## Introduction

This part of ISO 5436 is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see ISO/TR 14638). It influences chain link 6 of the chain of standards on roughness, waviness and primary profiles.

The ISO/GPS Masterplan given in ISO/TR 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 detailed information on the relationship of this part of ISO 5436 to other standards and the GPS matrix model, see Annex B.

This part of ISO 5436, together with ISO 5436-1, introduces two new measurement standards:

- Type E, for calibrating the profile co-ordinate system;
- Type F, for calibrating software.

This part of ISO 5436 is concerned with software measurement standards.