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**Geometrical Product Specifications  
(GPS) — Surface texture: Profile  
method — Terms, definitions and  
surface texture parameters**

AMENDMENT 1: Peak count number

iTeh **STANDARD PREVIEW**

*Spécification géométrique des produits (GPS) — État de surface:  
Méthode du profil — Termes, définitions et paramètres d'état de surface*

AMENDEMENT 1: Nombre de pics

[ISO 4287:1997/Amd 1:2009](https://standards.iso.org/iso-4287-1997-amd-1-2009)

<https://standards.iteh.ai/catalog/standards/sist/f8d9962b-9afd-4385-bcd0-aa0e0a37a34c/iso-4287-1997-amd-1-2009>



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## Foreword

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Amendment 1 to ISO 4287:1997 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

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# Geometrical Product Specifications (GPS) — Surface texture: Profile method — Terms, definitions and surface texture parameters

## AMENDMENT 1: Peak count number

Page 15, 4.3

Add the following entry.

### 4.3.2

#### peak count number

*PPc*, *RPc*, *WPc*

number of mean widths of the profile elements (*PSm*, *RSm*, *WSm*) in a reference length (*L*)

$$PPc = \frac{L}{PSm}; \quad RPc = \frac{L}{RSm}; \quad WPc = \frac{L}{WSm}$$

NOTE 1 A reference length of 10 mm is recommended, if not otherwise specified.

NOTE 2 When calculating the peak count number a height discrimination threshold of *RSm* being  $\pm 0,5 \mu\text{m}$  is recommended.

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