

DIN EN ISO 4287:2010-07 (E)

Geometrical Product Specifications (GPS) - Surface texture: Profile method - Terms, definitions and surface texture parameters (ISO 4287:1997 + Cor 1:1998 + Cor 2:2005 + Amd 1:2009)

Contents

Page

Foreword to EN ISO 4287:1998/AC:2008	3
Ⓐ Foreword to EN ISO 4287:1998/A1:2009	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
3.1 General terms	5
3.2 Geometrical parameter terms	9
4 Surface profile parameter definitions	13
4.1 Amplitude parameters (peak and valley)	13
4.2 Amplitude parameters (average of ordinates)	17
4.3 Spacing parameters	18
4.4 Hybrid parameters	19
4.5 Curves and related parameters	19
Annex A (normative) Text equivalents	23
Annex B (informative) Flowchart for surface assessment	24
Annex C (informative) Comparison of basic terms and parameter symbols between ISO 4287-1:1984 and Ⓐ ISO 4287:1997 Ⓐ	25
Annex D (informative) Relationship to the GPS matrix model	27
D.1 Information about this International Standard and its use	27
D.2 Position in the GPS matrix model	27
D.3 Related International Standards	27
Annex E (informative) Bibliography	29