

ISO 5436-1:2000-03 (E)

Geometrical Product Specifications (GPS) - Surface texture: Profile method; Measurement standards - Part 1: Material measures

Contents	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Design requirements	2
4.1 Material	2
4.2 Size of measurement standard	2
5 Types, purposes and metrological characteristics of measurement standards	2
5.1 General	2
5.2 Type A -- Depth measurement standard	2
5.3 Type B -- Tip condition measurement standard	3
5.4 Type C -- Spacing measurement standard	3
5.5 Type D -- Roughness measurement standard	3
5.6 Type E -- Profile coordinate measurement standard	4
6 Measurement standard requirements	4
6.1 Type A -- Depth measurement standard	4
6.2 Type B -- Tip condition measurement standard	5
6.3 Type C -- Spacing measurement standard	6
6.4 Type D -- Roughness measurement standard	7
6.5 Type E -- Profile coordinate measurement standard	8
7 Definition of the measurands for the measurement standards	9
7.1 Type A1	9
7.2 Type A2	10
7.3 Type B2	10
7.4 Type B3	10
7.5 Types C1 to C4, and D	11
7.6 Type E1	11
7.7 Type E2	11
8 Measurement standard certificate	12
Annex A (informative) Relation to the GPS matrix model	13
Bibliography	14