

ISO 13385-2:2020-05 (E)

Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 2: Design and metrological characteristics of calliper depth gauges

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Design characteristics	2
4.1	General design and nomenclature	2
4.2	Dimensions	4
5	Metrological characteristics	4
5.1	General	4
5.2	Rated operating conditions	4
5.3	Reference point	4
5.4	Test methods	5
5.5	Partial surface contact error, E (limited by EMPE)	5
5.6	Shift error, S (limited by SMPE)	6
5.7	MPE values	7
5.8	Special cases	7
6	Determination of conformity to specifications	8
6.1	General	8
6.2	Measurement uncertainty	8
6.3	Decision rule	8
7	Marking	9
Annex A (informative) Calibration guidelines for metrological characteristics		10
Annex B (normative) Default MPE values for metrological characteristics		11
Annex C (informative) Relation to the GPS matrix model		12
Bibliography		13