

ISO 13385-1:2011-07 (E)

Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 1: Callipers; Design and metrological characteristics

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Design characteristics	2
4.1	General design and nomenclature	2
4.2	Dimensions	4
4.3	Types of indicating devices	4
4.4	Measuring faces	7
5	Metrological characteristics	7
5.1	General	7
5.2	Effect of slider locking	7
5.3	Maximum permissible error of indication (limited by MPE)	7
5.4	MPE and MPL for a number of metrological characteristics	8
6	Indication in product documentation and data sheets	8
7	Proof of conformance with specifications	9
7.1	General	9
7.2	Measurement standards for the calibration of metrological characteristics	9
8	Marking	10
Annex A (informative) Error tests		11
Annex B (informative) Advice on application		14
Annex C (informative) Examples of different types of callipers		15
Annex D (informative) Examples of types of measurements		16
Annex E (informative) Data sheet (example)		17
Annex F (informative) Calibration of metrological characteristics		18
Annex G (informative) Relation to the GPS matrix model		19
Bibliography		21