ISO 14405-2:2018 (E)

Geometrical product specifications (GPS) — Dimensional tolerancing — Part 2: Dimensions other than linear or angular sizes

Contents

		Foreword
		Introduction
1		Scope
2		Normative references
3		Terms and definitions
4		Principles and rules for indication of dimensions and related tolerances
5		Units used in drawings for dimensions
6		Indication of tolerances for linear or angular dimensions
7		Illustrations of ambiguous ± tolerancing vs. unambiguous geometrical specifications
	7.1 7.2 7.3 7.4 7.5 7.6 7.7	General Linear distance between two integral features Linear distance between an integral and a derived feature Linear distance between two derived features Radius dimension Linear distance between non-planar integral features Linear distance in two directions
8		Angular tolerancing
	8.1 8.2	Examples of geometrical specifications applied to angular distance between two integral features Angular distance between an integral feature and a derived feature
Annex	Α.	(informative) Explanations and examples of the ambiguity caused by using \pm tolerances for dimensions other than linear size or angular size
	A.1 A.2 A.3 A.4 A.5 A.6 A.7 A.8 A.9 A.10 A.11	Rounding and chamfers
Annex	В	(informative) Relation to the GPS matrix model
	B.1 B.2 B.3 B.4	General Information about this document and its use Position in the GPS matrix model Related standards