# INTERNATIONAL STANDARD

ISO 14405-2

Second edition 2018-12

### Geometrical product specifications (GPS) — Dimensional tolerancing —

### Part 2:

## Dimensions other than linear or angular sizes

Spécification géométrique des produits (GPS) — Tolérancement dimensionnel —

Partie 2: Dimensions autres que tailles linéaires ou angulaires



#### ISO 14405-2:2018(E)



### **COPYRIGHT PROTECTED DOCUMENT**

#### © ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Fax: +41 22 749 09 47 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

Con	ents	Page
Forew	rd	iv
Introd	ıction	<b>v</b>
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Principles and rules for indication of dimensions and related tolerances	2
5	Units used in drawings for dimensions	3
6	ndication of tolerances for linear or angular dimensions	4
7	Illustrations of ambiguous ± tolerancing vs. unambiguous geometrical specifications 7.1 General 7.2 Linear distance between two integral features 7.3 Linear distance between an integral and a derived feature 7.4 Linear distance between two derived features 7.5 Radius dimension 7.6 Linear distance between non-planar integral features 7.7 Linear distance in two directions	4 6 7 8
8	Angular tolerancing	10
Annex	A (informative) Explanations and examples of the ambiguity caused by using ± tolerances for dimensions other than linear size or angular size	13
Annex	B (informative) Relation to the GPS matrix model	21
Biblio	raphy	22