

ISO 1101:2004-12 (E)

Geometrical Product Specifications (GPS) - Geometrical tolerancing - Tolerances of form, orientation, location and run-out

Contents		Page
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Basic concepts	3
5	Symbols	4
6	Tolerance frame	6
7	Toleranced features	7
8	Tolerance zones	8
9	Datums	11
10	Supplementary indications	13
11	Theoretically exact dimensions (TED)	13
12	Restrictive specifications	14
13	Projected tolerance zone	15
14	Maximum material requirement	15
15	Least material requirement	15
16	Free state condition	16
17	Interrelationship of geometrical tolerances	16
18	Definitions of geometrical tolerances	16
Annexes A Former practices		46
B	Assessment of geometrical deviations	49
C	Relation to the GPS matrix model	53
Bibliography		54