

ISO 1660:2017-02 (E)

Geometrical product specifications (GPS) - Geometrical tolerancing - Profile tolerancing

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	2
5	Rules for profile tolerancing	3
5.1	General	3
5.2	Default rules for profile tolerancing	4
5.2.1	Rule A: Definition of the theoretically exact feature (TEF)	4
5.2.2	Rule B: Type of toleranced feature	5
5.2.3	Rule C: Definition of the tolerance zone	5
5.3	Rules for profile tolerancing using additional specification elements	7
5.3.1	Rule D: Toleranced feature specification elements	7
5.3.2	Rule E: Unequally disposed tolerance zone	8
5.3.3	Rule F: Linear tolerance zone offset	8
5.3.4	Rule G: Angular tolerance zone offset	8
5.3.5	Rule H: Variable tolerance zone width	8
5.3.6	Rule I: Filtered feature specification elements	8
5.3.7	Rule J: Association and parameter specification elements	9
5.3.8	Rule K: Associated toleranced feature specification elements	9
5.3.9	Rule L: Non-rigid part	9
Annex A (informative)	Compound features	10
Annex B (informative)	Illustration of the rules	12
Annex C (informative)	Former practices	42
Annex D (informative)	Relation to the GPS matrix model	44
Bibliography		45