

DIN EN ISO 3040:2012-06 (E)

Geometrical product specifications (GPS) - Dimensioning and tolerancing - Cones (ISO 3040:2009)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative reference	5
3	Terms and definitions	5
4	Graphical symbol for a cone	6
5	Dimensioning of cones	6
5.1	Characteristics of cones	6
5.2	Indication of rate of taper on drawings	8
5.3	Standardized series of cones	8
6	Tolerancing of cones	9
6.1	General	9
6.2	Tolerancing of cone, cone angle specified	9
6.3	Tolerancing of cone; rate of taper specified	10
6.4	Tolerancing zone of cone simultaneously defining the axial location of the cone	11
6.5	Tolerancing of cone relative to a datum system (simultaneously defining coaxiality)	12
Annex A (informative) Former practice -- Tolerancing of cone separate from the tolerance of the axial location of the cone		13
Annex B (informative) Relation to the GPS matrix model		14
B.1	General	14
B.2	Information about the standard and its use	14
B.3	Position in the GPS matrix model	14
B.4	Related standards	14
Bibliography		15