ISO 3040:2009-12 (E)

Geometrical product specifications (GPS) - Dimensioning and tolerancing - Cones

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Graphical symbol for a cone 2

5 Dimensioning of cones 2
5.1 Characteristics of cones 2
5.2 Indication of rate of taper on drawings 4
5.3 Standardized series of cones 4

6 Tolerancing of cones 5
6.1 General 5
6.2 Tolerancing of cone, cone angle specified 5
6.3 Tolerancing of cone; rate of taper specified 6
6.4 Tolerancing zone of cone simultaneously defining the axial location of the cone 7
6.5 Tolerancing of cone relative to a datum system (simultaneously defining coaxiality) 8

Annex A (informative) Former practice -- Tolerancing of cone separate from the tolerance of the axial location of the cone 9

Annex B (informative) Relation to the GPS matrix model 10

Bibliography 11