

DIN ISO 6987:2014-02 (E)

Indexable hard material inserts with rounded corners, with partly cylindrical fixing hole - Dimensions (ISO 6987:2012)

Contents	Page
National foreword	3
National Annex NA (informative) Bibliography	4
1 Scope	5
2 Normative references	5
3 Types of inserts	5
4 Interchangeability	6
4.1 Tolerances	6
4.2 Thickness, s, of inserts with chip breakers	6
4.3 Fixing hole	6
5 Designation and marking	7
5.1 Designation	7
5.2 Marking	8
6 Measurement	8
7 Recommended dimensions	8
7.1 Triangular inserts -- TC	8
7.2 Triangular inserts -- TP	9
7.3 Square inserts -- SC	10
7.4 Square inserts -- SP	11
7.5 Rhombic inserts with 80° included angle -- CC	12
7.6 Rhombic inserts with 80° included angle -- CP	13
7.7 Rhombic inserts with 55° included angle -- DC	14
7.8 Rhombic inserts with 35° included angle -- VB and VC	15
7.9 Round inserts -- RC	16
7.10 Round inserts -- RP	16
7.11 Hexagonal (trigon) inserts with 80° included angle -- WC	17
Annex A (normative) Tolerances for d, m, m ₁ , m ₂ and s -- Extract from ISO 1832	18
Annex B (normative) Methods of measurement of dimension m	20
B.1 Triangular inserts	20
B.2 Square inserts	20
B.3 Rhombic inserts	21
B.4 Round inserts	21
B.5 Hexagonal inserts	22
Annex C (normative) Size ranges	23
Annex D (informative) Relationship between designations in this International Standard and the ISO 13399 series	26
D.1 Relationship between designations	26

