

ISO 16462:2004-06 (E)

Cubic boron nitride inserts, tipped or solid - Dimensions, types

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Insert shapes and design	1
3.1	Insert shapes	1
3.2	Normal clearance n	1
3.3	Cutting edge corner	1
3.4	Tolerance class	2
3.5	Design of cutting edges	2
3.6	Insert type	2
4	Designation	2
4.1	General	2
4.2	Designation of inserts for turning	2
4.3	Designation of a tipped insert for milling	2
5	Dimensions	3
5.1	Insert shape T with fixing hole (inserts for turning)	3
5.2	Insert shape S with fixing hole (inserts for turning)	5
5.3	Insert shape C with fixing hole (inserts for turning)	6
5.4	Insert shape D with fixing hole (inserts for turning)	7
5.5	Insert shape V with fixing hole (inserts for turning)	8
5.6	Insert shape S with fixing hole (inserts for milling)	9
5.7	Insert shape C with fixing hole (inserts for milling)	10
5.8	Insert shapes C, R, S and T without fixing hole (inserts for turning)	11
5.9	Insert shapes S and T without fixing hole (inserts for milling)	13
5.10	Insert shapes S and T without fixing hole (inserts for milling)	14
5.11	Insert shape W with fixing hole (inserts for turning)	15
5.12	Insert shape W without fixing hole (inserts for turning)	16
6	Cutting edge length, l_1, of tipped inserts	17
6.1	General	17
6.2	Inserts with radius	17
6.3	Inserts with wiper edge	17
7	Base material, cutting material	18
8	Measurements	18
9	Marking	18