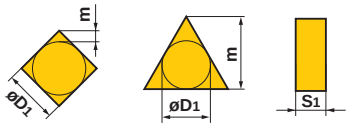
IDENTIFICATION



Symbol	Tolerance of Nose Height **m** (mm)	Tolerance of Inscribed Circle **ϕD1** (mm)	Tolerance of Thickness **S1** (mm)
G	±0.025	±0.025	±0.13
M*	±0.08–±0.18	±0.05–±0.15	±0.13

Inserts marked with * are sintered.

Detail of M Class Insert Tolerance

● Tolerance of Nose Height **m** (mm)

D.I.C.	Triangular	Square	Rhombic 80°	Rhombic 55°	Rhombic 35°	Round
6.35	±0.08	±0.08	±0.08	±0.11	±0.16	–
9.525	±0.08	±0.08	±0.08	±0.11	±0.16	–
12.70	±0.13	±0.13	±0.13	±0.15	–	–

● Tolerance of Inscribed Circle **ϕD1** (mm)

D.I.C.	Triangular	Square	Rhombic 80°	Rhombic 55°	Rhombic 35°	Round
6.35	±0.05	±0.05	±0.05	±0.05	±0.05	–
9.525	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
12.70	±0.08	±0.08	±0.08	±0.08	–	±0.08

④ Tolerance Class

BM	With Breaker
BF	With Breaker
NP	New Petit Cut
No mark	Standard Type

① Insert Geometry

① ④
NP - D N G A
② ③ ⑤

② Insert Shape

Symbol	Insert Shape	
C	Rhombic 80°	
D	Rhombic 55°	
R	Round	
S	Square	
T	Triangular	
V	Rhombic 35°	
W	Trigon	

③ Normal Clearance

Symbol	Normal Clearance
B	5°
C	7°
D	15°
E	20°
N	0°
P	11°

⑤ Fixing and/or for Chip Breaker

Metric				
Symbol	Hole	Hole Configuration	Chip Breaker	Figure
W	With Hole	Cylindrical Hole + One Countersink (40–60°)	No	
T	With Hole		One Sided	
B	With Hole	Cylindrical Hole + One Countersink (70–90°)	No	
H	With Hole		One Sided	
A	With Hole	Cylindrical Hole	No	
M	With Hole	Cylindrical Hole	One Sided	
N	Without Hole	–	No	
X	–	–	–	Special Design