

INSERT DESIGNATION - ISO

SHAPE

A = K = R =

B = L = S =

C = M = T =

D = O = V =

E = P = W =

H =

CLEARANCE

N = D =

A = E =

B = F =

C = G =

P =

LENGTH OF CUTTING EDGE

If less than 10 use 0 in first place.
Example: 9.525=09

CORNER

00 = Round Insert 12 = 1.2mm
 00 = Sharp Corner 16 = 1.6mm
 02 = 0.2mm 24 = 2.4mm
 04 = 0.4mm 32 = 3.2mm
 08 = 0.8mm 40 = 4.0mm

A = Square w/45° chamfer
 D = Square w/30° chamfer
 E = Square w/15° chamfer
 K = Square w/15° double chamfer
 N = Truncated triangle insert
 P = Flattened corner triangle

C N M G . 12 04 08

TOLERANCE (mm)

d	m	t
A = ± 0.025	± 0.005	± 0.025
F = ± 0.013	± 0.005	± 0.025
C = ± 0.025	± 0.013	± 0.025
H = ± 0.013	± 0.013	± 0.025
E = ± 0.025	± 0.025	± 0.025
G = ± 0.025	± 0.025	± 0.130
*J = ± 0.05 to ± 0.15	± 0.005	± 0.025
*K = ± 0.05 to ± 0.15	± 0.013	± 0.025
*L = ± 0.05 to ± 0.15	± 0.025	± 0.025
*M = ± 0.05 to ± 0.15	± 0.08 to ± 0.20	± 0.130
*N = ± 0.05 to ± 0.15	± 0.08 to ± 0.20	± 0.025
*U = ± 0.08 to ± 0.25	± 0.13 to ± 0.38	± 0.130

GEOMETRY

A = H = R =

B = J = T =

C = M = U =

F = N = W =

G = Q = X = Special Design

THICKNESS

If less than 10 use 0 in first place.
Example: 3.18=03

* Exact tolerance is determined by the size of the insert.

Geometry:
 B, C, H, J - countersink is between 70~90 degrees.
 Q, T, U, W - countersink is between 40~60 degrees.