TOOLHOLDER TECHNICAL INFORMATION

TOOL-HOLDER STYLE
A = Straight shank w/0° side cutting edge angle
B = Straight shank w/15° side cutting angle
C = Shank w/0° end cutting dege angle
D = Straight shank w/4 °side cutting edge angle
E = Straight shank w/30° side cutting angle
F = Offset shank w/0° end cutting edge angle
G = Offset shank w/0° side cutting angle
J = Offset shank w/negative 3° side cutting angle
K = Offset shank w/15° end cutting edge angle
L = Offset shank w/negative 5° end or side cutting angle
M = Straight shank w/50° side cutting edge angle
P = Straight shank w/27° side cutting edge angle
R = Straight shank w/15° side cutting edge angle
S = Offset shank w/45° side cutting edge angle
V = Straight shank w/17.5° side cutting edge angle
W = Offset shank w/10° side cutting edge angle

TOOLHOLDER SHANK SIZE
For square shank, the number represents the of sixteenths (1/16) of width and height.

6 = 3/8" square
8 = 1/2" square
10 = 5/8" square
12 = 3/4" square
16 = 1" square
20 = 1-1/4" square
24 = 1-1/2" square

For rectangular shanks, the first digit represents the number of eights (1/8) of width and the second digit represents the number of quarters of height.

64 = 3/4 x 1"
85 = 1 x 1-1/4"
86 = 1 x 1-1/2"

METHOD OF HOLDING
C = Clamp lock assembly (PC Tool-holders)
M = Multiple lock assembly (Pin & clamp lock) (M-type Tool-holders)
P = Pin lock assembly (NL/PL Tool-holders)
S = Screw lock

HAND OF TOOL
L = Left
N = Neutral
R = Right

M C L N R □ 12 - 4 B

INSERT SHAPE
C = 80° Diamond
D = 55° Diamond
R = Round
S = Square
T = Triangle
V = 35°
W = Trigon

RAKE ATTITUDE
N = Negative
O = Neutral
P = Positive
C = Neutral-accepts 7° clearance inserts
B = Neutral-accepts 5° clearance inserts

POCKET STYLE
S = Single wall pocket construction.

Full pocket construction, when letter position is vacant

INSERT SIZE I.C.
Number of eighths (1/8) of I.C. (inscribed Circle)

Insert less than 1/4" I.C.

5 = 5/32"
6 = 3/16"
7 = 7/32"

Inserts 1/4" I.C. and cover (in.)

2 = 1/4"
2.5 = 5/16"
3 = 3/8"
4 = 1/2"
5 = 5/8"
6 = 3/4"

QUALIFIED SURFACE & LENGTH
A = Qualified back & end, 4" long
B = Qualified back & end, 4.5" long
C = Qualified back & end, 5" long
D = Qualified back & end, 6" long
E = Qualified back & end, 7 long
F = Qualified back & end, 8" long
J = Qualified back & end, 3.5" long
M = Qualified back & end, 4" long
N = Qualified back & end, 4.5" long
P = Qualified back & end, 5" long
R = Qualified back & end, 6" long
S = Qualified back & end, 7" long
T = Qualified back & end, 8" long