Toolholder Identification System

1. Insert Holding Method

D* KENCLAMP

S SCREW-ON

*Kennametal only

2. Insert Shape

C 80°	D 55°	K/N 55°
L 90°	R	S 90°
T 60°	V 35°	W 80°

5. Hand of Tool

R

L

N

6. Additional Information

P
polycrystalline insert

C
deep pocket for ceramic insert

S
single pocket locating wall

F
straight shank, no offset

Example:

D	C	L	N	R	

3. Tool Style or Lead Angle

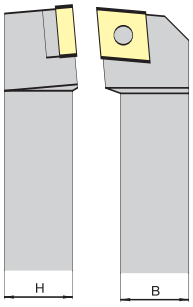
A 0°	B 15°	C 0°	D 45°	E 30°
F 0°	G 0°	H 50°	J 3°	K 15°
L 5° 5°	M 40°	P 27,5°	Q 17,5°	R 15°
S 45°	U 3°	V 17.5°	Y 5°	

4. Insert Clearance Angle

N 0°	D 15°	
B 5°	E 20°	
C 7°	F 25°	
P 11°		

Inch
The seventh and eighth positions shall be a significant two-digit number that indicates the holder cross section. For shanks 5/8" square and over, the number will represent the number of sixteenths of width and height. For shanks under 5/8" square, the number of sixteenths of cross section will be preceded by a zero.
For rectangular holders, the first digit represents the number of eighths of width "B" and the second digit the number of quarters of height "H", except for a toolholder 1 1/4" x 1 1/2" which is given the number 91.

Metric
The seventh and eighth position shall be a significant two-digit number which indicates the holder cross section. If the dimension for the width "B"or the height "H" is represented by a one-digit number, a 0 (zero) will be used in front of it.
Example: 8 mm = 08

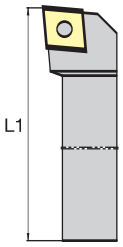


Inch Insert IC
Number of 1/8ths of "D"

Inch
A – qualified back and end, 4" long
B – qualified back and end, 4.5" long
C – qualified back and end, 5" long
D – qualified back and end, 6" long
E – qualified back and end, 7" long
F – qualified back and end, 8" long
G* – qualified back and end, 5.5" long
H* – qualified back and end, 5.625" long
I* – qualified back and end, 3" long
J* – qualified back and end, 5.3" long
K* – qualified back and end, 14" long
L* – qualified back and end, 6.8" long
M – qualified front and end, 4" long
N – qualified front and end, 4.5" long
P – qualified front and end, 5" long
R – qualified front and end, 6" long
S – qualified front and end, 7" long
T – qualified front and end, 8" long
U* – qualified front and end, 5.5" long
V* – qualified back and end, 3.5" long
W*– qualified front and end, 3.5" long
Y* – qualified back and end, 3.75" long
Z* – qualified back and end, 3.250" long
*Kennametal standard only.

	7./8. Shank Dimensions		9. Insert Size	10. Qualified Surface and Length	11. Additional Information	12. Insert Thickness (optional)
INCH	1	6	4	D	KC	3
METRIC	25	25	M	09	KC	04

9. Tool Length



Metric

L1	ISO
32	A
40	B
50	C
60	D
70	E
80	F
90	G
100	H
110	J
125	K
140	L
150	M
160	N
170	P
180	Q
200	R
250	S
300	T
350	U
400	V
450	W
500	Y
Special length	X

10. Insert Size

Metric
Cutting Edge Length L10

H
O
P
S
T
C D E M V
W
L
A B K
R

11. Additional Information

KC – Kenclamp

12. Insert Thickness (optional)

Inch
3 – .188"
4 – .250"

Metric
04 – 4,76 mm
06 – 6,35 mm