



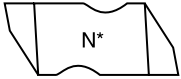
TOP NOTCH

A4

A3

A2
GROOVING & CUT-OFF TOOLS

1. Type of Insert



N - Top Notch

N G

- 2. Insert Style**
- B – blank (for special forms)
 - F – face grooving
 - G – grooving
 - P – back turning
 - R – full radius
 - U – undercutting (or relieving)
 - V – Poly Vee

- 3. Additional Information**
- D – deep grooving
 - P – positive
 - C – groove and chamfer

P 3

4. Insert Size

insert number	W1 (in)	W1 (mm)
1	.100	2,54
2	.150	3,81
3	.195	4,95
4	.255	6,48
5	.380	9,65
6	.383	9,73

- 5. Size Identification**
- M – metric insert groove width
 - C – circlip groove insert width is nominal circlip size
 - – (blank) indicates inch width insert

125

6. Groove Size**

Position pertains to groove width for F, G, and U-style inserts; radii for R-style inserts; and circlip size for groove and chamfer inserts. Dimension in .001 inch or 0,01 mm.

Metric example: 3,25 mm width groove or radius equals "325" catalog position number

Inch example: 1/32" width groove or radius equals "031" catalog position number

Width Tolerance: ± .001 inch (± 0,025 mm) unless otherwise specified

- 7. Hand of Insert**
- L – left
 - R – right

R

8. Cutting Depth

Shown for groove and chamfer inserts in 0,01 mm increments

- 9. Chipbreaker Design**
- K – standard chip control

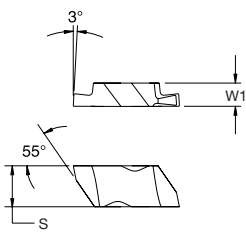
K

10. Definition of Inserts

groove size "J" or "L" – for Poly Vee inserts
"I" indicates internal face grooving insert

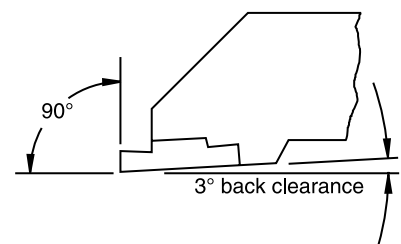
*Kennametal proprietary identification system
**Omit position for Top Notch NB-style blanks.

TOP NOTCH Threading and Grooving Insert Dimensions



insert size	S		W1	
	inch	mm	inch	mm
1	.100	2,54	.100	2,54
2	.219	5,56	.150	3,81
3	.344	8,74	.195	4,95
4	.453	11,51	.255	6,48
5	.688	17,48	.380	9,65
6	.453	11,51	.383	9,73
8	.312	7,93	.438	11,13

TOP NOTCH Holder Design



NOTE: Holders are designed to locate insert inclined to 3° to provide back clearance down open side.

Kennametal and Top Notch tooling technology combine to bring you the very best threading and grooving system available in the world today.