

TOP NOTCH
A4
A3
A2
GROOVING & CUT-OFF TOOLS

A3 Deep Grooving		expressed in .001 inch or 1/100 mm 0000 for V shape	03 (*)35 04 (*)45 05 06 08 10	<table border="1"> <thead> <tr> <th>inch</th> <th>metric</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>01</td> </tr> <tr> <td>05 = .008</td> <td>02</td> </tr> <tr> <td>1 = .016</td> <td>04</td> </tr> <tr> <td>2 = .032</td> <td>08</td> </tr> <tr> <td>3 = .047</td> <td>12</td> </tr> <tr> <td>4 = .062</td> <td>16</td> </tr> </tbody> </table>		inch	metric	0	01	05 = .008	02	1 = .016	04	2 = .032	08	3 = .047	12	4 = .062	16
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1. Type of Program		3. Groove Width	5. Insert Size	7. Corner Radii															
A3	G	0400	04	P	02														
2. Insert Style		4. Units	6. Insert Tolerance		8. Chip-breaker														
G = square R = full radius V = V-shape 35°		I = inch M = metric	P = precision ground grooving width tolerance: $\pm 0.01 \text{ in. (0,025 mm)}$ U = utility molded grooving width tolerance: 3,05-4,05: $\frac{+.006 \text{ in. (+0,15 mm)}}{-0}$ 5,05-10,05: $\frac{+.010 \text{ in. (+0,25 mm)}}{-0}$		DF = Deep Finishing DM = Deep Medium DR = Deep Roughing														

(*) 35/45 designates a small size insert for face grooving of small diameters.

