






Cutting recommendation | Summa F Series

EOT: ELECTRONIC OSCILLATING TOOL

TOOL	BLADE	UNDERLAY
<p>The EOT is ideally suited for cutting materials like KATZ DISPLAY BOARD. The high oscillating frequency makes it possible to cut at high processing speeds especially for fine, precise contours.</p> <ul style="list-style-type: none"> <li>· Knife stroke: 1 mm</li> <li>· Electric drive</li> </ul> 	<p>Fine, robust blade with low overcut; designed to cut small radii and intricate detail.</p> <p>500-9810 – EOT L25 knife 65° – 80°</p> 	<p>SUMMA standard grey cutting felt</p> <p>Thickness: 2.5 mm</p> 




KATZ DISPLAY BOARDS thickness	Blade type	Cutting length with gliding disk	Cutting length without gliding disk	Speed mm/sec				Blade Compensation	Underlay
				50	100	150	200		
1.2 mm	500-9810	5 mm	11 mm	X	X	X	X	0 mm	Felt
1.6 mm	500-9810	5 mm	11 mm	X	X	X	X	0 mm	Felt
2.0 mm	500-9810	5 mm	11 mm	X	X	X	X	0 mm	Felt
3.0 mm	500-9810	5 mm	11 mm	X	X	X	X	1 mm	Felt
5.0 mm	500-9810	5 mm	11 mm	X	X	X	X	1 mm	Felt

All values are based on our experience and may differ from machine to machine.



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## POT: PNEUMATIC OSCILLATING TOOL

TOOL	BLADE	UNDERLAY
<p>The POT is an air-driven powerful and durable tool particularly well suited for cutting thicker KATZ DISPLAY BOARD (&gt; 3 mm). Suitable especially for fine, precise contours.</p> <ul style="list-style-type: none"> <li>· Knife stroke: 8 mm</li> <li>· Robust, maintenance-free pneumatic drive</li> </ul> 	<p>Fine, robust blade with low overcut; designed to cut small radii and intricate detail.</p> <p>500-9830 - POT knife flat point L20 T 0.63</p> 	<p>SUMMA standard grey cutting felt</p> <p>Thickness: 2.5 mm</p> 


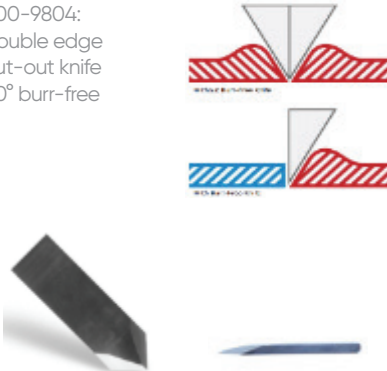

KATZ DISPLAY BOARDS thickness	Blade type	Blade length	Speed mm/sec		Blade Compen- sation	Underlay
			50	150		
1.2 mm	500-9830	18 mm			-	Felt
1.6 mm	500-9830	18 mm			-	Felt
2.0 mm	500-9830	18 mm			-	Felt
3.0 mm	500-9830	18 mm	X	X	1 mm	Felt
5.0 mm	500-9830	18 mm	X	X	1 mm	Felt

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## DOUBLE EDGE CUT-OUT TOOL: THROUGH CUT AND HALF THROUGH CUTTING

TOOL	BLADE	UNDERLAY
<p>The Double edge cut-out tool it's perfect for thinner through cutting and half through cutting materials like KATZ DISPLAY BOARD 1.2 mm &amp; 1.6 mm. The use of this knives allows maximum processing speeds.</p> <p>Very high cutting speeds.</p> 	<p>Burr free knives are designed for thin KATZ DISPLAY BOARDS. It gives a perfect finishing on one side of the cut part.</p> <p>500-9804: double edge cut-out knife 50° burr-free</p> 	<p>SUMMA standard grey cutting felt</p> <p>Thickness: 2.5 mm</p> 





KATZ DISPLAY BOARDS thickness	Blade type	Blade length	Speed mm/sec					Underlay
			100	200	400	600	800	
1.2 mm	500-9804	3 mm	X	X	X	X	X	Felt
1.6 mm	500-9804	3 mm	X	X	X	X	X	Felt
2.0 mm	500-9804	3 mm	X	X	X	X	X	Felt
3.0 mm	500-9804	3 mm	Only for half cutting/scoring					Felt
5.0 mm	500-9804	3 mm	Only for half cutting/scoring					Felt

Half through cut/scoring: minus 0.5 mm board are left, measured from the bottom.  
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## CREASING TOOLS: D15 R0.17 W0.35 – 1PT OR D15 R0.17 W0.35 – 2PT

TOOL	CREASE WHEEL	UNDERLAY
<p>The Creasing Tool processing KATZ DISPLAY BOARD 1.2 mm or 1.6 mm. It produces high-quality creases for folding KATZ DISPLAY BOARD.</p>  <p>High quality clean creases makes KATZ DISPLAY BOARDS foldable without cracking</p>	 <p>500-9828 Creasing tool D15 R0.35 W0.7 – 2pt</p>  <p>500-9829 Creasing tool D15 R0.17 W0.35 – 1pt</p>	<p>SUMMA standard grey cutting felt</p> <p>Thickness: 2.5 mm</p> 

KATZ DISPLAY BOARDS thickness	Creasing Tool	Amount of Creasing lines			Speed	Down Position Offset	Underlay
		1	2	3			
1.2 mm	500-9828 / 500-9829	X	X		800 mm/s	0.5 mm	Felt
1.6 mm	500-9828 / 500-9829		X		800 mm/s	1.2 mm	Felt
2.0 mm	500-9828 / 500-9829		X	X	800 mm/s	1.5 mm	Felt
3.0 mm	not recommended						
5.0 mm	not recommended						




Best results: 0.5 mm space between each creasing line.

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V-CUT TOOL 45°

<p><b>TOOL</b></p> <p>The perfect tool for producing complex structural designs from KATZ DISPLAY BOARD.</p> 	<p><b>BLADE</b></p> <p>500-9826: Stable, long-life carbide blade for V-Cut KATZ DISPLAY BOARDS with very fast processing speeds.</p> <p>500-9826 - V-Cut hard metal</p> 	<p><b>UNDERLAY</b></p> <p>SUMMA standard grey cutting felt</p> <p>Thickness: 2.5 mm</p> 
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KATZ DISPLAY BOARDS thickness	Blade type	Blade length	Speed mm/sec			V-cut gap	V-cut gap
			50	100	200		
1.2 mm	500-9826	18 / 27 mm				Felt	0.3 mm
1.6 mm	500-9826	18 / 27 mm				Felt	0.3 mm
2.0 mm	500-9826	18 / 27 mm	X	X	X	Felt	0.3 mm
3.0 mm	500-9826	18 / 27 mm	X	X	X	Felt	0.3 mm
5.0 mm	500-9826	18 / 27 mm	X	X	X	Felt	0.3 mm

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Contact



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