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	Base Materials														
S.No	Article	Description	Dia Range	FI	R4	FR2	CEM3	CEM1	PE	PTFE	PMMA	Polymide	AL	Cu / Brass	Remarks
				OC	IC										
1	P626	Diamond cut router	0.70-3.175	•	•	•	•	•	0	0	0	0	0	0	Standard router for routing of all standard PCBs
2	P660	Diamond cut router	0.50-2.50	●	•	•	•	•	0	0	0	0	0	0	High performance router with aggressive feed rates, long life and excellent performance
3	P728	NexGen high precision chip breaker router	1.50-2.40	•	•	•	•	•	0	0	0	0	0	0	Better Dimension control of PCB size Both Internal and External side
4	P738	High feed chip breaker router	0.60-3.175	٠	•	•	•	•	0	0	0	0	0	0	High feed routers for inner slot and complex contour routing in close tolerances routing applications
5	P926	Single flute router	0.40-3.175	0		$\Theta$	$\Theta$	ightarrow		•		•	•	•	Burr - free and good edge quality for soft and flexible materials
6	P826	2 flute router	0.25-3.175	0	•	•	$\Theta$	$\Theta$	●	•	ullet	•	$\Theta$	•	Universal tool for working with plastic and metal
7	P820	2 flute router	0.25-3.175	0	●	•	e	e	●	•	•	•	•	•	Universal tool for working with plastic, metal, aluminium and flex board etc
8	P436	3 flute router	0.60-3.175	0	●	e	$\Theta$	$\Theta$	Ð	$\Theta$	$\Theta$	•	$\Theta$	$\Theta$	For metallized slot applications
9	C681	Chamfering cutter	6.00/6.35	•	•	•	•	•	•	•	•	•	•	•	For Chamfering and Deburring application of PCBs
10	P650	High performance depaneling router	1.40-2.50	•	•	•	•	•	0	0	0	0	0	0	For Depaneling of all types of glass epoxy based materials
11	P627	Diamond cut router	0.70-3.175	•	•	•	•	•	0	0	0	0	0	0	For Depaneling of all types of glass epoxy based materials
12	P727	Chip breaker router	0.40-3.175	•	•	•	•	•	0	0	0	0	0	0	For Depaneling of all types of glass epoxy based materials
13	P024	2 flute Aluminium router	0.60-3.00	0	0	0	0	0	0	0	0	0	•	0	For Depaneling of all types of glass epoxy based materials
		Optimal	• <b>OC</b> : Outer (	Contour	• IC : Inn	• IC : Inner Contour					<b>Formula</b> : • Cutting speed Vc : πdn 1000 m/min				• RPM n : <u>Vc x 1000</u>
De	scription :	Suitable								• Chip load f : <u>F</u> mm					• XY Feed F : $\frac{f x n}{f x n 0}$ m/min
		O Not Recommended									• n :	n Spindle Spe	ed in rpm	I	1000