

CUTLERY GRINDING WHEELS

For the last 20 years RAI has dedicated time, energy, budgets, and resources toward the development of the latest technologies to meet the needs of the cutlery industry. From hollow grinding, taper grinding, and serrating, RAI technologies enable those in the cutlery industry to consistently deliver cutting-edge products to their end customers!

Features & Benefits

RAI Cutlery Wheels have numerous features that stand out from the crowd, including:

- Fastest cutting wheels in the industry – open porous structures increase productivity and stock removal.
- Self-dressing wheels improve productivity and establish consistent repeatability throughout the life of the wheel.
- Long-life technologies keep automatic machines running to their peak performance levels and provide consistent productivity levels.
- Two-zone technology grinds and finishes in one operation.

We have the know-how to grind all materials, soft or hard – from hollow grinding BG 42 to stainless, carbon, and forgings, we have the years of hands-on experience needed to do this right. When the cutlery industry is requiring a new, durable design or strategizing a plan for a new generation of materials; RAI can develop the wheel to grind it!

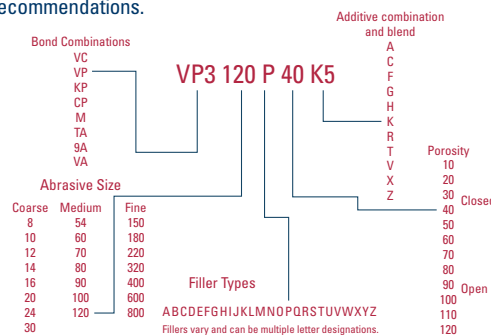
Unparalleled Customer Service

We offer unmatched service and turnaround time in days, not weeks, so you can meet the demands of your customers. Our products are backed by our quality assurance guarantee! If you need quick turnaround we can make and ship within 24 hours. Our seasoned technical team will work with you 24/7 to address your specific challenges and requirements. In addition, RAI has an extensive network of distributors for local warehousing and regular follow-up.

Some common starting points for standard blade grinding are:

Application	Part	Material	Specification	Results	
Hollow Grinding	Knife Blade	Stainless	KP3.5 120 S60	Long life, good finish	
		Carbon	VC3 80 S100	Long life, standard finish	
		BG42 (hard)	VA 100C SP80	Fast, cool cutting, smooth finish	
Taper Grinding	Knife Blades	Stainless	VP3 918 P30 K10	Standard life, good finish	
		Carbon	KP3.5 180 S60	Fast cutting, long life, good finish	
		D2 (hard)	TA 702 L9	Fast, cool cutting, smooth finish	
	Garden & Hand Tools	Carbon	KP3.5 120 S60	Long life, great finish, super fast	
		Putty Knives	Stainless	VP5 100 K10	Great life, good finish
	Scissors	Carbon	KP6 120 F40	Good life, improved finish	
		Stainless	CP24 150 S30 K10	Good life, improved finish	
		Carbon	Vc4.5 120 D100	Fast cutting, long life	
	Serrating	Chisels	Carbon Forged	9A 150 T30	Fine finish, long life
		Surgical Blades	Stainless	VP2 150 P10 K10	Super finish, fast cycles
Garden Tools		Carbon	VA 100G S100	Free cutting, smooth finish	
Serrating	Kitchen Knives	Stainless	VP3 100 S40	Free cutting, smooth finish	
	Pocket Knives	Stainless	VP3 520 S60	Aggressive cutting, smooth finish	

Variations of these standards are common and stocked. We offer 2 and 3 zone technology in addition to our resin and plastic bonds to fulfill your needs. Contact our Technical Director with your application details for recommendations.



For more information about RAI's solutions for the Cutlery Industry, please contact us!

