Edge of Arlington Saw & Tool, Inc.

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Item #46094-K, Amana Tool Solid Carbide Up-Cut Spiral 1/4 Dia x 3/4 x 1/4 Shank x 2-1/2 Inch Long Composite, Fiberglass & Phenolic Cutting Spektra™ Extreme Tool Life Coated Router Bit $51.45

Thank you for shopping with us! Amana Tool®'s Modern Materials Finishing Geometry (MMFG) incorporates high shear multi-flute and a Spektra™ coating designed for the ultimate combination of finish and tool longevity in aerospace materials. Modern-day materials present challenges to the fabricator; using these special multi-flute edge tools featuring Spektra™ coating addresses these challenges with a winning geometry combination. Excellent for cutting: Plastic Acrylic Stone Aluminum Acrylonitrile-Butadiene-Styrene (ABS) Carbon Fiber Reinforced Polymer (CFRP) Composite Corian Coroplast®* Fiberglass Fiberglass PCB Board HDPE High Impact Polystyrene (HIPS) Low Density Polyethylene (LDPE) Phenolics Poly (methyl methacrylate) (PMMA) Polycarbonate (Lexan™)† Polyethylene Terephthalate Glycol-Modified (PETG / PET-G) Thermoplastic Polyolefin (TPO) Wood *A soft plastic cardboard made with super soft super flexible PVC. †Recommendation: Use the slowest suggested feed rates and the shortest bits necessary for cutting and routing Lexan™. Our Spektra™ bits feature a nACo® nanocomposite coating with an extreme nanohardness and heat resistance. With a brilliant distinctively-tinted coloring nACo provides additional improvements in four critical aspects of router tooling. nACo coating is a micro-thin ceramic coating which enables the tool's cutting edge to retain crucial sharpness and lubricity. This provides longevity and produces cutting results of the highest quality. Coating prevents high heat and oxidation which is detrimental to cutting tool performance. Multi-colored hues, while attractive, will dissipate upon use and yet coating will remain fully effective. nACo offers approximately 4,500 Vickers for impressive solid hardness on cutting areas of the tool, for an increase up to 2.5 times compared to uncoated bits. Note: Blue based color dissipates immediately upon use. nACo® nanocomposite coating will not wear off.

SPECIFICATIONS	
Manufacturer	Amana Tool
Diameter	1/4 in
Carbide H, or Cut H/L/W	3/4 in

SPECIFICATIONS	
Flute Geometry	Upcut
Flute	3
Overall Length	2 1/2 in
Shank	1/4 in