

## Edge of Arlington Saw & Tool, Inc.

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### Item #51517-K, Amana Tool Solid Carbide CNC Spektra™ Extreme Tool Life Coated Spiral 'O' Flute, Plastic Cutting 3/16" Dia x 5/8" x 1/4" Shank Downcut Router Bit

**\$48.56**

Thank you for shopping with us! .

Max RPM: 35,000

To be used only on CNC machines and routers with automatic feeding. Produce super clean smooth cuts especially in acrylic materials (Plexiglas® Lucite®), other plastics, and wood. Bits are made according to strict tolerances from an exclusive carbide grade and polished to a mirror finish using Amana's unique process. Ideal for industrial applications and CNC machines. Left hand helix; left hand cut. Benefits of Mirror-Finish: Razor sharp cutting edge, effortless chip removal, helps prevent chip re-welding.

Excellent for cutting: Plastic/Acrylic, Acetal and Nylon, Acrylic Stone, Acrylonitrile Butadiene Styrene (ABS), Alupanel®, Corian, Coroplast®\*\*, Corrugated Plastics\* such as Correx Boards and Polypropylene, Delrin, Foam Board, Gatorfoam®\*\*\*, High Density Polyethylene (HDPE), High Impact Polystyrene (HIPS), High Impact Polystyrene (HIPS) for digital printing, King ColorCore® The Multi-Color Engravable Polymer Sheet, Laminate, Lucite®, Low Density Polyethylene (LDPE), Mechanical/Engineered Plastics, Plexiglas®, Poly (methyl methacrylate) (PMMA), Polycarbonate, Polyethylene Terephthalate Glycol-Modified (PETG / PET-G), PVC, Sintra PVC, Solid Surface, Teflon®, Thermoplastic Polyolefin (TPO), Ultra High Molecular Weight Polyethylene (UHMW), Wood.

\*Corrugated Plastics such as Correx refers to a wide range of extruded twinwall plastic-sheet products produced from high-impact Polypropylene resin with a similar make-up to corrugated fiberboard. They are used in a variety of applications including boat building, packaging, signage, outdoor advertising, and the production of pet cages.

\*\*A soft plastic cardboard made with super soft super flexible PVC.

\*\*\*Gatorfoam® Foam Board a polystyrene foam board bonded between two layers of Luxcell® wood-fiber veneer.

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 that 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

<b>Cut Height, Length, or Width</b>	5/8 in
<b>Flute Geometry</b>	Downcut
<b>Flute</b>	1
<b>Manufacturer</b>	Amana Tool
<b>Overall Length</b>	2 in
<b>Shank</b>	1/4 in