

## Edge of Arlington Saw & Tool, Inc.

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### **Item #57362-K, Amana Tool Solid Carbide CNC Spektra™ Extreme Tool Life Coated Spiral 'O' Flute, Plastic Cutting for Improved Surface Finish 1/4 Dia x 1/2 x 1/4 Inch Shank Upcut Router Bit \$42.71**

Thank you for shopping with us! .

For improved surface finish. 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. Designed to eject chips up. Ideal for industrial applications and CNC machines. Left hand helix left hand cut.

**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 -Crosslinked Polyethylene (XPE, PEX, XLPE) -Delrin -Dibond® -Extruded Acrylic -Foam Board -Fomex® -Gatorfoam®\*\*\* -Hard Plastic -High Density Polyethylene (HDPE) -High Density Urethane (HDU Board) -High Impact Polystyrene (HIPS) -High Impact Polystyrene (HIPS) for digital printing -Hydroxy-Terminated Polyether (HTPE) -King ColorCore® The Multi-Color Engravable Polymer Sheet. -Laminate -Low Density Polyethylene (LDPE) -LubX® -Lucite® -Mechanical/Engineered Plastics -Perspex® Cast Acrylic Sheet -Plexiglas® -Poly (methyl methacrylate) (PMMA) -Polycarbonate (Lexan™)† -Polyethylene Terephthalate Glycol-Modified (PETG / PET-G) -Polyoxymethylene (POM), also known as Acetal, Polyacetal and Polyformaldehyde. -Polystyrene (PS) -PVC -Sign Foam -Sintra PVC -Solid Surface -StarBoard® (King StarBoard 'R') High Density Polyethylene Sheet (HDPE) -Teflon® -Thermoplastic Polyolefin (TPO) -Trespa® Meteor®\*\*\*\* -Ultra High Molecular Weight Polyethylene (UHMWPE) -Urethane -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.

\*\*\*\*Decorative high-pressure compact laminate (HPL) with an integral surface.

†Recommendation: Use the slowest suggested feed rates and the shortest bits necessary for cutting and routing Lexan™.

Benefits of Mirror-Finish: -Razor sharp cutting edge -Effortless chip removal -Helps prevent chip re-welding -Extends tool life -Exceptional cut quality -Dissipates heat well and prevents melting 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.

Maximum RPM: 35,000

## SPECIFICATIONS

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