

**Edge of Arlington Saw & Tool, Inc.**

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**Item #48442-K, Amana Tool Solid Carbide CNC Spektra™ Extreme Tool Life Coated Foam Cutting Upcut Square End Spiral 3mm Dia x 28mm x 6mm Shank x 64mm Long Router Bit \$68.03**

Thank you for shopping with us!

Ensure your foam projects are milled with unparalleled accuracy detail and clarity. Achieve both precision and depth for foam carving and milling applications. Provides deeper cuts and larger slices with fewer passes in thick materials, resulting in improved productivity and less assembly. The upcut spiral ejects chips away from the workpiece.

**Specifically designed for milling:**

- Polyurethane Foam
- Expanded Polystyrene (EPS)
- Polyethylene Foam
- Extruded Polystyrene Foam (XPS)
- Crosslinked Polyethylene Foam (XLPE)
- Ethafoam\*\*
- Ethylene-vinyl Acetate Foam (EVA)
- Expanded Polypropylene (EPP)\*
- Flexible Polyurethane Foam (FPF)
- Fomex®
- High Density Urethane (HUD Board)
- PALFOAM™
- Polycarbonate (Lexan™)†
- Polylam\*\*

\*Expanded polypropylene (EPP) is a foam form of polypropylene.

\*\*Ethafoam Polyethylene and Polylam are durable flexible closed-cell foams with excellent memory.

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

For thick material with upcut chip removal. For 2D & 3D CNC routing applications.

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

<b>Manufacturer</b>	Amana Tool
<b>Diameter</b>	3 mm
<b>Cut Height, Length, or Width</b>	28 mm
<b>Flute Geometry</b>	Upcut
<b>Flute</b>	2
<b>Overall Length</b>	64 mm
<b>Shank</b>	6 mm
<b>Type</b>	Flat Bottom/Square End