

Edge of Arlington Saw & Tool, Inc.

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Item #51535, Amana Tool Solid Carbide CNC Spiral for Glass Reinforced Plastic Cutting 1/4 x 3/4 x 1/4 Shank Downcut ZrN Coated Router Bit - 4 Flute \$55.99

Edge of Arlington offers free shipping in the United States when you choose flat rate shipping

Fiberglass-impregnated materials are well-known for their abrasiveness with a tendency to fray or shred during machining, along with heat created by the router bit. Amana Tool's response to these challenges is an extremely free-cutting, multi-edge tool that shears the material without shredding or producing unnecessary heat. Adding a Zirconium Nitride Ceramic (ZrN) coating increases the edge hardness by nearly 50%, greatly increasing the life of the cutting edge.

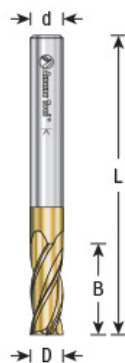
Benefits of ZrN Coating

- Creates a harder and tougher cutting edge, allows for a prolonged cutting edge life, and helps to prevent the build-up of material in the flutes while cutting
- High resistance to wear
- Extended tool life
- Less friction & heat buildup

Excellent for cutting: +Acrylonitrile-Butadiene-Styrene (ABS) +Carbon Fiber Reinforced Polymer (CFRP) +Composite Materials +Coroplast® +Fiberglass +Fiberglass PCB Board +Fiber Reinforced Plastic (FRP) +High Impact Polystyrene (HIPS) +Low Density Polyethylene (LDPE) +Poly (methyl methacrylate) (PMMA) +Polycarbonate (Lexan™)† +Polyethylene Terephthalate Glycol-Modified (PETG / PET-G) +Thermoplastic Polyolefin (TPO)

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

Tools are manufactured with high balance that allows them to run up to 60,000 RPM. Adjust your chipload and feed rate accordingly.



Fiberglass



Composite Materials



ZrN COATED BITS

SPECIFICATIONS	
Cut Height, Length, or Width	3/4 in
Flute Geometry	Downcut
Flute	4
Manufacturer	Amana Tool
Overall Length	2 1/4 in
Shank	1/4 in