

## Edge of Arlington Saw & Tool, Inc.

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### Amana Tool ZrN Coated CNC Glass Reinforced Plastic Cutting Solid Carbide Spiral Router Bits

Thank you for shopping with us!

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.

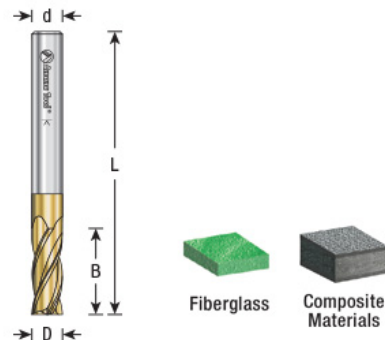
#### Benefits of ZrN Coating

- 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.



Item #	Diameter	Cut Height/Length	Flute Geometry	Flute	Overall Length	Shank	Price
51521	1/8 in	1/2 in	Upcut	3	2 1/2 in	1/4 in	<b>\$49.50</b>
51525	1/4 in	3/4 in	Upcut	4	2 1/4 in	1/4 in	<b>\$55.99</b>
51535	1/4 in	3/4 in	Downcut	4	2 1/4 in	1/4 in	<b>\$55.99</b>