Edge of Arlington Saw & Tool, Inc.

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Item #46280-5, Amana ZrN Coated CNC 2D/3D Carving Tapered & Straight Ball Nose & Flat Bottom Solid Carbide 1/4" Shank, 1/64" Radius Router Bit - 5 Pack $338.52

Thank you for shopping with us!

Specially designed for 2D and 3D CNC profiling and carving in plastic, aluminum, and wood with machines such as " i-Carver," CNC Shark®, ShopBot®, Datron & Carvewright™. The high-shear ball nose tips cut smooth 2D and 3D contours with reduced stepping, while the proprietary ZrN coating (applied by the physical vapor deposition coating process) provides high resistance to wear, sharper cutting edges, extended tool life, and less friction & heat buildup.

Applications:

• Precision 2D and 3D large scale carving
• Dimensional signage
• 3D millwork
• 2D and 3D contouring, profiling, modeling, and pattern-making for cabinetry, sign-making, furniture-making, and jewelry mold-making
• Compatible with CarveWright™ and CompuCarve woodworking systems
• Perfect for model-makers on large 3D milling profiles in abrasive EPS foam and other materials

Benefits of Zirconium Nitride (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
• Has the tendency to run/spin much faster than an uncoated tool
• Optimized flute geometry and low Total Indicated Runout (TIR) guarantees clean cuts, essentially eliminates sanding and reduces chatter (where the machine or work-piece vibrates) under high chip loads (when used with low TIR spindles)
• High flute volume supports high feed rates and chip loads
• High aspect ratio for single pass deep-reach cutting
• Flute geometry optimized for cutting sign foam, sign board, hardwoods, thermoplastics, and phenolic composites

SPECIFICATIONS	
Manufacturer	Amana Tool
Diameter	1/32 in
Carbide H, or Cut H/L/W	1 in
Flute	3

SPECIFICATIONS	
Overall Length	3 in
Radius	1/64 in
Shank	1/4 in
Type	Ball Nose, Tapered & Straight
Angle	6.2 deg
No. of Pieces	Bulk 5-Pack