

Edge of Arlington Saw & Tool, Inc.

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Item #51818, Amana Tool Solid Carbide CNC Spiral 'O' Flute Ball Nose, Plastic Cutting 1/4 Dia x 3/4 x 1/4 Shank Upcut Design Router Bit \$58.53

Thank you for shopping with us!.

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. Designed to eject chips up. Ideal for industrial applications and CNC machines. Right hand helix; right hand cut.

Max RPM 35,000

**router collet reducer [RB-102](#) (1/4-1/8) available for 1/8 shank bits*
Excellent for cutting: +Plastic/Acrylic +Acetal and Nylon +Acrylic Stone +Acrylonitrile Butadiene Styrene (ABS) +Aluminum Composite Material (ACM) +Alupanel® +Corian +Coroplast®** +Corrugated Plastics* such as Correx Boards and Polypropylene +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) +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.*

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

SPECIFICATIONS	
Manufacturer	Amana Tool
Diameter	1/4 in
Cut Height, Length, or Width	3/4 in
Flute Geometry	Upcut
Flute	2 'O' Flute
Overall Length	2 in
Shank	1/4 in
Type	Ballnose