



Solid Carbide Aluminum Spiral 'O' Flute CNC Router Bit

Product # AT51402

DESCRIPTION

Using the highest quality sub-micrograin carbide these bits have a special proprietary edge processing system featuring a super high polished cutting edge with a unique "mirror finish" resulting in clean cuts less chance for chip re-welding a superior surface finish and a longer tool life. Right hand helix right hand cut. Ideal for industrial applications our spiral 'O' flute router bits are manufactured using innovative techniques and materials that yield superior results with each cut and help make aluminum projects less labor-intensive. An "up-cut" design expels chips away from the workpiece, while a "down-cut" design expels chips away from the router.

ADVANTAGES AND BENEFITS

-Razor sharp cutting edge -Effortless chip removal -Helps prevent chip re-welding - Extends tool life -Exceptional cut quality

TECHNICAL SPECIFICATIONS

Product #	AT51402
Application	Various Material
Tool	CNC (Numerical Control)
Cut Diameter	1/4 in
Overall Length	2 in
Shank Diameter	1/4 in
Material	Solid Carbide
Brand	Amana
Cut Depth	5/8 in
Feature Product	Up-Cut Design

APPLICATION

Specifically designed for a variety CNC machining applications excellent for cutting: ALPOLIC® Copper Composite Material (CCM) Alucobond® Aluminum Aluminum 6061 Aluminum Alloys Aluminum Composite Materials (ACM) Aluminum Composite Panel (ACP)* Alupanel® Brass Copper Dibond® Durabond** e-panel™ Etalbond® Gold Non-Ferrous Metals Plastic Silver Solid Surface Titanium Composite Material (TCM) Wood *Aluminum composite panel (ACP) is a type of ACM flat panel that consists of two thin aluminum sheets bonded to a non-aluminum core. ACPs are frequently used for building facades external cladding insulation and signage. **Durabond is a polyethylene core with 0.3mm colored aluminum sheet on either side pre-finished requiring no decoration.

IMPORTANT INFORMATION

Warning: Never attempt to cut ferrous metals with these bits. -Inspect cut quality adjust feed / speed accordingly. -For optimal results and extended tool life use mist lubricant system or air cooling. -Maximum RPM: 35,000

PRODUCT PHOTOS

