

Edge of Arlington Saw & Tool, Inc.

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Item #AMS-160-Z, Amana AMS Series 8-Pc Aluminum Cutting Solid Carbide Spiral 'O' Flute CNC ZrN Coated Router Bit Collection \$387.53

Thank you for shopping with us! To be used only on CNC machines and routers with automatic feeding. 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. Specifically designed for a variety of CNC machining applications. Excellent for cutting: •ALPOLIC® Copper Composite Material (CCM) •Alucobond® •Aluminum •Aluminum 5052 •Aluminum 6061 •Aluminum Alloys •Aluminum Composite Materials (ACM) •Aluminum Composite Panel (ACP)* •Alupanel® •Brass •Copper •Dibond® •Durabond** •e-panel™ •Etalbond® •Fomex® with Aluminum Face •Gold •Non-Ferrous Metals •Plastic •Silver •Solid Surface •Titanium Composite Material (TCM) •Wood Benefits of Mirror-Finish: •Razor sharp cutting edge •Effortless chip removal •Helps prevent chip re-welding •Extends tool life •Exceptional cut quality •Dissipates heat well and prevents melting *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 external cladding or facades of buildings insulation and signage. **Durabond is a polyethylene core with 0.3mm colored aluminum sheet on either side pre-finished requiring no decoration. Benefits of Zirconium Nitride (ZrN) Coating •A harder and tougher cutting edge allows for a prolonged cutting edge life and helps to prevent the buildup 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 workpiece 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 **Warning:** Never attempt to cut ferrous metals with these bits. Inspect cut quality, adjust feed / speed accordingly. For optimal results and to extend tool life when trimming/cutting aluminum use mist lubricant system or air cooling. Maximum RPM: 35,000

SPECIFICATIONS

Manufacturer Amana Tool

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Includes	Aluminum Cutting Router Bits, Collet Reducer, stored in a solid wood showcase storage box with a Plexiglas™™ clear lid. Includes full color booklet.
Shank	1/8 & 1/4 in
No. of Pieces	8
Note	Two RB-102 Collet Reducers included with this collection.
Part Descp.	8-Pc Aluminum Cutting Solid Carbide Spiral 'O' Flute CNC ZrN Coated Router Bit Collection