

Edge of Arlington Saw & Tool, Inc.

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Amana Tool ZrN Coated CNC Composite, Fiberglass & Phenolic Cutting Solid Carbide Spiral Router Bits

Thank you for shopping with us! Amana's Modern Materials Finishing Geometry (MMFG) incorporates high shear, multi-flute, and ZrN coating designed for the ultimate combination of finish and tool longevity in aerospace materials. Modern-day materials present challenges to the fabricator. Using these special multi-flute edge tools featuring Zirconium Nitride Ceramic (ZrN) ceramic coating addresses these challenges with a winning geometry combination. **Excellent for cutting:**

- Composite
- Fiberglass
- Fiberglass PCB Board
- Phenolics
- HDPE
- Aluminum
- Plastic
- Corian
- Poly (methyl methacrylate) (PMMA)
- Acrylic Stone
- Coroplast®*
- Acrylonitrile-Butadiene-Styrene (ABS)
- Lexan™ *A soft plastic cardboard made with super soft, super flexible PVC.

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
- High resistance to wear



Composite



Phenolic Composites



Fiberglass



ZrN COATED BITS

Router collet reducer **RB-102** (1/4 to 1/8) available for 1/8 shank bits.



Item #	Manufacturer	Diameter	Cut Height, Length, or Width	Flute Geometry	Flute Note	Overall Length	Shank	Price
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46090	Amana Tool	1/8 in	1/2 in	Upcut	3	--	2 in	1/4 in	\$44.75
46040	Amana Tool	1/8 in	1/2 in	Upcut	2	--	2 in	1/4 in	\$44.75
46045	Amana Tool	3/8 in	7/8 in	Upcut	2	--	2 1/2 in	3/8 in	\$69.47
46097	Amana Tool	1/4 in	3/4 in	Downcut	3	--	2 1/2 in	1/4 in	\$41.12
46047	Amana Tool	1/2 in	3/4 in	Upcut	2	--	3 in	1/2 in	\$119.56
46094	Amana Tool	1/4 in	3/4 in	Upcut	3	--	2 1/2 in	1/4 in	\$41.12
46093	Amana Tool	1.2mm	5 mm	Upcut	3	Router collet reducer RB-102 (1/4 to 1/8) available for 1/8 shank bits.	35 mm	1/8 in	\$
46091	Amana Tool	1/8 in	1/2 in	Upcut	3	Router collet reducer RB-102 (1/4 to 1/8) available for 1/8 shank bits.	2 in	1/8 in	\$35.94
46042	Amana Tool	3/16 in	5/8 in	Upcut	2	--	2 in	1/4 in	\$45.97
46092	Amana Tool	3/16 in	3/16 in	Upcut	3	--	2 in	1/4 in	\$46.23
46043	Amana Tool	1/4 in	3/4 in	Upcut	2	--	2 1/2 in	1/4 in	\$44.75