

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

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



Composite



Phenolic Composites



Fiberglass



ZrN COATED BITS



Item #	Diameter	Cut Height, Length, or Width	Flute Geometry	Flute	Overall Length	Shank	Price
46090	1/8 in	1/2 in	Upcut	3	2 in	1/4 in	\$34.91
46040	1/8 in	1/2 in	Upcut	2	2 in	1/4 in	\$34.91
46045	3/8 in	7/8 in	Upcut	2	2 1/2 in	3/8 in	\$54.19
46097	1/4 in	3/4 in	Downcut	3	2 1/2 in	1/4 in	\$32.06
46047	1/2 in	3/4 in	Upcut	2	3 in	1/2 in	\$93.30
46094			Upcut	3			\$32.06
46093		5 mm	Upcut	3	35 mm		\$34.91
46091			Upcut	3			\$28.01
46042			Upcut	2			\$35.85
46092			Upcut	3			\$36.08
46043			Upcut	2			\$34.91