Edge of Arlington Saw & Tool

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Amana Tool ZRN Coated Aluminum Cutting CNC Spiral O Flute Solid Carbide Router Bits

Thank you for shopping with us! Using the highest quality sub-micrograin carbide, Amana Tool Aluminum Cutting CNC Spiral O Flute Solid Carbide Router 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 aluminum, Alupanel®, brass, copper, ACM, and other non-ferrous metals. 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. 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. Max RPM: 35,000 For aluminum cutting, please lubricate. **router collet reducer RB-102 (1/4-1/8) available for 1/8 shank bits* **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 **Benefits of Zirconium Nitride (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 •Have 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 work piece 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

Item #	Manufacturer	Diameter	Carbide H, or Cut H/L/W	Flute Geometry	Flute	Note	Overall Length	Shank	Pack Quantity	Price
51376-Z	Amana Tool	1/32 in	3/16 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$63.94**
51470-Z	Amana Tool	1/16 in	1/4 in	Upcut	1 'O' Flute	Router collet reducer RB-102 (1/4-1/8) available for 1/8 shank bits	1 1/2 in	1/8 in	--	**$47.82**
51488-Z	Amana Tool	1/16 in	1/4 in	Downcut	1 'O' Flute	--	1 1/2 in	1/4 in	--	**$60.94**

51472-Z	Amana Tool	3/32 in	1/4 in	Upcut	1 'O' Flute	Router collet reducer RB-102 (1/4-1/8) available for 1/8 shank bits	2 in	1/8 in	--	**$49.47**
51372-Z	Amana Tool	3/32 in	1/4 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$57.49**
51471-Z	Amana Tool	1/8 in	1/4 in	Upcut	1 'O' Flute	Router collet reducer RB-102 (1/4-1/8) available for 1/8 shank bits	1 1/2 in	1/8 in	--	**$45.94**
51474-Z	Amana Tool	1/8 in	1/4 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$55.02**
51406-Z	Amana Tool	1/8 in	5/16 in	Upcut	1 'O' Flute	Router collet reducer RB-102 (1/4-1/8) available for 1/8 shank bits	1 1/2 in	1/8 in	--	**$60.98**
51506-Z	Amana Tool	1/8 in	5/16 in	Downcut	1 'O' Flute	Router collet reducer RB-102 (1/4-1/8) available for 1/8 shank bits	1 1/2 in	1/8 in	--	**$60.94**
51373-Z	Amana Tool	1/8 in	5/16 in	Upcut	1 'O' Flute	--	1 1/2 in	1/4 in	--	**$52.92**
51777-Z	Amana Tool	1/8 in	5/16 in	Downcut	1 'O' Flute	--	1 1/2 in	1/4 in	--	**$52.92**
51459-Z	Amana Tool	1/8 in	1/2 in	Upcut	1 'O' Flute	Router collet reducer RB-102 (1/4-1/8) available for 1/8 shank bits	2 in	1/8 in	--	**$56.37**
51454-Z	Amana Tool	1/8 in	1/2 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$64.69**
51503-Z	Amana Tool	1/8 in	1/2 in	Downcut	1 'O' Flute	--	2 in	1/4 in	--	**$68.97**
51482-Z	Amana Tool	1/8 in	5/8 in	Upcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$58.62**
51486-Z	Amana Tool	1/8 in	3/4 in	Upcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$59.82**
51778-Z	Amana Tool	1/8 in	3/4 in	Downcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$59.82**
51477-Z	Amana Tool	3/16 in	3/8 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$58.62**

51408-Z	Amana Tool	3/16 in	1/2 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$59.33**
51508-Z	Amana Tool	3/16 in	1/2 in	Downcut	1 'O' Flute	--	2 in	1/4 in	--	**$59.33**
51478-Z	Amana Tool	3/16 in	5/8 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$59.82**
51838-Z	Amana Tool	3/16 in	5/8 in	Downcut	1 'O' Flute	--	2 in	1/4 in	--	**$60.90**
51456-Z	Amana Tool	3/16 in	7/8 in	Upcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$73.32**
51779-Z	Amana Tool	3/16 in	7/8 in	Downcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$73.32**
51479-Z	Amana Tool	1/4 in	3/8 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$56.25**
51810-Z	Amana Tool	1/4 in	1/2 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$47.07**
51402-Z	Amana Tool	1/4 in	5/8 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$58.62**
51502-Z	Amana Tool	1/4 in	5/8 in	Downcut	1 'O' Flute	--	2 in	1/4 in	--	**$58.62**
51377-Z	Amana Tool	1/4 in	3/4 in	Upcut	1 'O' Flute	--	2 in	1/4 in	--	**$59.82**
51786-Z	Amana Tool	1/4 in	3/4 in	Downcut	1 'O' Flute	--	2 in	1/4 in	--	**$59.82**
51480-Z	Amana Tool	1/4 in	3/4 in	Upcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$62.25**
51458-Z	Amana Tool	1/4 in	7/8 in	Upcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$78.19**
51775-Z	Amana Tool	1/4 in	7/8 in	Downcut	1 'O' Flute	--	2 1/2 in	1/4 in	--	**$62.25**
51481-Z	Amana Tool	1/4 in	1 1/4 in	Upcut	1 'O' Flute	--	3 in	1/4 in	--	**$80.48**
51476-Z	Amana Tool	1/4 in	1 1/2 in	Upcut	1 'O' Flute	--	3 in	1/4 in	--	**$82.39**
51642-Z	Amana Tool	5/16 in	9/16 in	Upcut	1 'O' Flute	--	2 1/2 in	5/16 in	--	**$87.42**
51377-Z-5	Amana Tool	1/4 in	3/4 in	Upcut	1 'O' Flute	--	2 in	1/4 in	Bulk 5-Pack	**$283.77**
51402-Z-5	Amana Tool	1/4 in	5/8 in	Upcut	1 'O' Flute	--	2 in	1/4 in	Bulk 5-Pack	**$278.33**
51454-Z-5	Amana Tool	1/8 in	1/2 in	Upcut	1 'O' Flute	--	2 in	1/4 in	Bulk 5-Pack	**$306.90**
51470-Z-5	Amana Tool	1/16 in	1/4 in	Upcut	1 'O' Flute	--	1 1/2 in	1/8 in	Bulk 5-Pack	**$227.29**
51474-Z-5	Amana Tool	1/8 in	1/4 in	Upcut	1 'O' Flute	--	2 in	1/4 in	Bulk 5-Pack	**$261.19**