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Amana Tool AITiN Coated CNC Multi-Helix Steel, Non-Ferrous Metal, Cermet & Cast Iron Cutting Solid Carbide Spiral End Mills

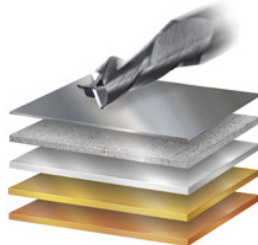
Thank you for shopping with us! Amana Tool AITiN Coated CNC Multi-Helix Steel, Non-Ferrous Metal, Cermet & Cast Iron Cutting Solid Carbide Spiral End Mills are the superstars of carbide end mills for professionals and hobbyists alike. The multiple helix eliminates harmonic chatter, so critical when surface finishes, part dimension tolerances, and tool life are of the utmost importance. Premium Aluminum Titanium Nitride (AITiN) coating provides quantum increases in productivity, either in terms of speed or of longevity, with or without coolant. They are outstanding tools for peripheral milling, and can take aggressive cuts along the full length of the overall flute length with no issues. They last much longer than general purpose end mills, partly because they are coated; partly because they dampen vibration, which tends to break a sharp cutting edge down very quickly. For use with manual and automatic milling machines, as well as the most sophisticated CNC machines. 4 Flute unique variable design for faster speeds and feeds. Quiet operation & better finishes. **Excellent for cutting:**

- Stainless Steel
- Titanium
- Cast Iron
- Steel
- Aluminum
- Brass
- Bronze
- Copper
- Gold
- Silver
- Cermet (composites in which ceramic materials and metals are joined together)

AITiN coating has many benefits:

- Extra wear resistance
- Allows for faster feed and speed rates
- Cutting edge protected from wear
- Better chip evacuation
- Less heat build up
- Superior cutting quality and extended tool life

Please note: For optimal results and to extend tool life when trimming/cutting aluminum, please use mist lubricant system or air cooling. Please inspect cut and adjust accordingly.



4-Flute

Item #	Manufacturer	Diameter	Cut Height, Length, or Width	Flute Geometry	Flute	Overall Length	Radius	Shank	Type	Price
51593	Amana Tool	1/4 in	5/8 in	Upcut	4	2 1/2 in	--	1/4 in	square bottom	\$35.18
51595	Amana Tool	3/8 in	7/8 in	Upcut	4	2 1/2 in	--	3/8 in	square bottom	\$52.61
51597	Amana Tool	1/2 in	1 in	Upcut	4	3 in	--	1/2 in	square bottom	\$78.94
51608	Amana Tool	3/4 in	1 in	Upcut	4	3 in	--	.750 in	square bottom	\$143.06
51605	Amana Tool	1/4 in	5/8 in	Upcut	4	2 1/2 in	0.0150 in	1/4 in	corner radius bottom	\$35.18
51607	Amana Tool	3/8 in	7/8 in	Upcut	4	2 1/2 in	0.0200 in	3/8 in	corner radius bottom	\$53.59
51609	Amana Tool	1/2 in	1 in	Upcut	4	3 in	0.030 in	1/2 in	corner radius bottom	\$78.94
51790	Amana Tool	1/8 in	1/4 in	Upcut	4	1 1/2 in	1/16 in	1/8 in	Ballnose	\$26.03
51792	Amana Tool	1/8 in	3/8 in	Upcut	4	1 1/2 in	1/16 in	1/8 in	Ballnose	\$29.59
51794	Amana Tool	3/16 in	7/16 in	Upcut	4	2 in	3/32 in	3/16 in	Ballnose	\$39.49
51796	Amana Tool	1/4 in	1/2 in	Upcut	4	2 in	1/8 in	1/4 in	Ballnose	\$43.05
51798	Amana Tool	1/4 in	5/8 in	Upcut	4	2 1/2 in	1/8 in	1/4 in	Ballnose	\$47.55
51800	Amana Tool	1/4 in	1 1/8 in	Upcut	4	3 in	1/8 in	1/4 in	Ballnose	\$67.28
51802	Amana Tool	3/8 in	7/8 in	Upcut	4	2 1/2 in	3/16 in	3/8 in	Ballnose	\$71.74
51804	Amana Tool	1/2 in	1 in	Upcut	4	3 in	1/4 in	1/2 in	Ballnose	\$125.59
51806	Amana Tool	1/2 in	1 1/4 in	Upcut	4	3 in	1/4 in	1/2 in	Ballnose	\$130.99
51808	Amana Tool	3/4 in	1 1/2 in	Upcut	4	4 in	3/8 in	3/4 in	Ballnose	\$231.44