Edge of Arlington Saw & Tool, Inc.

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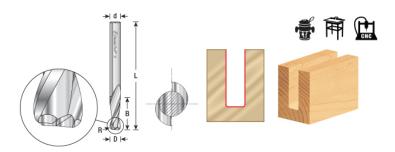
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Item #46462, Amana Tool Solid Carbide Spiral Plunge with Corner Radius 1/8 Radius x 1/2 Dia x 1-1/4 x 1/2 Inch Shank Upcut \$100.32

Thank you for shopping with us! For carving, lettering, decorative doors, and sign manufacturing. Leaves an excellent finish and expels chips quickly. Excellent for cutting: Aluminum MDF Soft/Hard Plastic Soft/Hard Wood







Solid Carbide Spiral Plunge with Corner Radius Router Bit Operating RPM: 18,000

(Chip Load Per Tooth) Hard / Soft

Diameter 2 Flute	Soft Wood	Hard Wood	MDF	Plastics	Aluminum
1/4" (0.25)	0.007" - 0.009"	0.005" - 0.007"	0.006" - 0.008"	0.004" - 0.006"	0.004" - 0.006"

Tool Reference #'s Dia.

Simple Machining Calculations:
To find RPM: (SPM x 3.82) / diameter of tool
To find SPM: 0.262 x diameter of tool x RPM
To find SPM: 0.262 x diameter of tool x RPM
To find Feed Rate IPM: RPM x 9 of flutes x chip load
To find Chip Load: Feed Rate IPM / (RPM x # of Flutes)

Depth of Cut: 1 x D Use recommended chip load 2 x D Reduce chip load by 25% 3 x D Reduce chip load by 50%

Disclaimer: These values are based on test results using 18,000 RPM. Your results may vary. It is important to understand that these values are only recommendations.

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SPECIFICATIONS			
Manufacturer	Amana Tool		
Diameter	1/2 in		
Cut Height, Length, or Width	1 1/4 in		
Flute Geometry	Upcut		
Flute	2		
Overall Length	3 in		
Radius	1/8 in		
Shank	1/2 in		