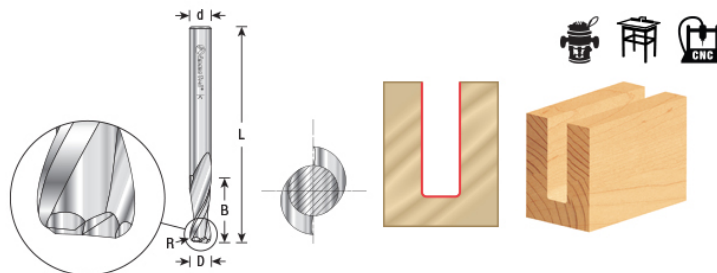


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Item #46462, Amana Tool Solid Carbide Spiral Plunge with Corner Radius Radius 1/8 Radius x 1/2 Dia x 1-1/4 x 1/2 Inch Shank Upcut \$91.20

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)

Diameter 2 Flute	Soft Wood	Hard Wood	MDF	Hard / Soft 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.
2 Flute 46460	1/4"

Simple Machining Calculations:
 To find RPM: (SFM x 3.82) / diameter of tool
 To find SFM: 0.282 x diameter of tool x RPM
 To find Feed Rate IPM: RPM x # 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