Solid Carbide End Mill Point Roughing Spiral Router Bits
Depth of Cut: 1 x Tool Diameter †

Tool No.	Diameter	Composites	
		RPM	**Chip Load Per Revolution**
46133	**1/4" (0.25)**	8,000 - 10,000	0.004" - 0.006"

† Depth of Cut: 1 x D Use recommended feed rate
                     2 x D Reduce feed rate by 25%
                     3 x D Reduce feed rate by 50%

Simple Machining Calculations:
To find **RPM:** (SFM x 3.82) / diameter of tool
To find **SFM:** 0.262 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)
To find **Ramp Down:** Feed Rate IPM / # of flutes

Disclaimer: It is important to understand that these values are only recommendations.