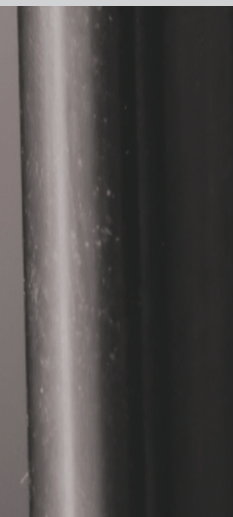




P.L. SCHMITT CARBIDE TOOLING L.L.C.

**Solid Carbide  
Minature Endmills**



**COMPLETE  
METALWORKING  
SOLUTIONS**

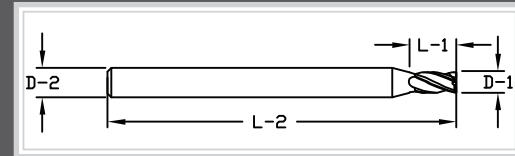
(800) 991-4225

[www.ahbinc.com](http://www.ahbinc.com)

ISO Certified

[customerservice@ahbinc.com](mailto:customerservice@ahbinc.com)

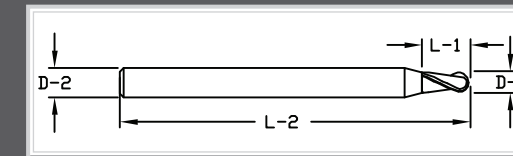
Miniature, Solid Carbide Endmills designed by machinists to be used by machinists! These tools are a group of very useful tools that should be in every professional machinist's tool box. Standard Square and Ball end with a sub-group that have already been conveniently "necked down" for longer reach.



### Square Endmills - Standard Length

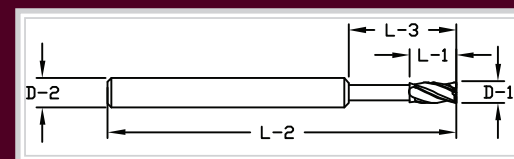
Cutting Diameter D-1	Cutting Length L-1	Shank Diameter D-2	Overall Length L-2		Item #
0.0312"	0.118"/3mm	0.125"	2.00"	2 Flute	U-2101
0.039"/1mm	0.118"/3mm	0.125"	2.00"	2 Flute	U-2102
0.0625"	0.196"/5mm	0.125"	2.00"	2 Flute	U-2103
0.0781"	0.275"/7mm	0.125"	2.00"	2 Flute	U-2104
0.0937"	0.275"/7mm	0.125"	2.00"	2 Flute	U-2105
0.125"	0.275"/7mm	0.125"	2.00"	4 Flute	U-2106
0.187"	0.312"	0.187"	2.00"	4 Flute	U-2107
0.187"	1.000"	0.187"	4.00"	4 Flute	U-2108
0.250"	0.437"	0.250"	2.50"	4 Flute	U-2109
0.250"	1.000"	0.250"	4.00"	4 Flute	U-2110
0.250"	1.000"	0.250"	6.00"	4 Flute	U-2111
0.375"	0.500"	0.375"	2.50"	4 Flute	U-2112
0.375"	1.000"	0.375"	4.00"	4 Flute	U-2113
0.375"	1.000"	0.375"	6.00"	4 Flute	U-2114
0.500"	0.625"	0.500"	2.50"	4 Flute	U-2115
0.500"	1.000"	0.500"	4.00"	4 Flute	U-2116
0.500"	1.000"	0.500"	6.00"	4 Flute	U-2117
0.125"	0.750"	0.125"	2.50"	4 Flute	U-2135

These tools are manufactured from the finest quality sub-micron carbide and ground on CNC machines. The concentricity of the cutting edges to the shank is within .0002" providing equal chip load per tooth and a superb tool life and surface finish as well as perfect balance for use in high RPM spindles.



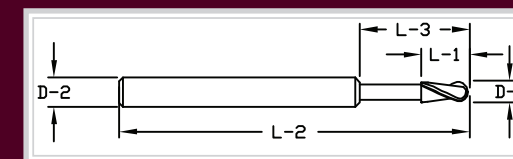
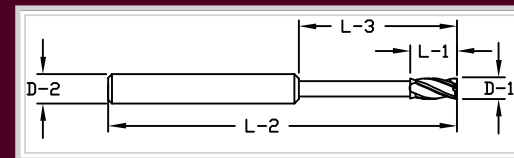
### Ball Endmills - Standard Length

Cutting Diameter D-1	Cutting Length L-1	Shank Diameter D-2	Overall Length L-2		Item #
0.0312"	0.118"/3mm	0.125"	2.00"	2 Flute	U-2118
0.039"/1mm	0.118"/3mm	0.125"	2.00"	2 Flute	U-2119
0.0625"	0.196"/5mm	0.125"	2.00"	2 Flute	U-2120
0.0781"	0.275"/7mm	0.125"	2.00"	2 Flute	U-2121
0.0937"	0.275"/7mm	0.125"	2.00"	2 Flute	U-2122
0.125"	0.275"/7mm	0.125"	2.00"	4 Flute	U-2123
0.187"	0.312"	0.187"	2.00"	4 Flute	U-2124
0.187"	1.000"	0.187"	4.00"	4 Flute	U-2125
0.250"	0.437"	0.250"	2.50"	4 Flute	U-2126
0.250"	1.000"	0.250"	4.00"	4 Flute	U-2127
0.250"	1.000"	0.250"	6.00"	4 Flute	U-2128
0.375"	0.500"	0.375"	2.50"	4 Flute	U-2129
0.375"	1.000"	0.375"	4.00"	4 Flute	U-2130
0.375"	1.000"	0.375"	6.00"	4 Flute	U-2131
0.500"	0.625"	0.500"	2.50"	4 Flute	U-2132
0.500"	1.000"	0.500"	4.00"	4 Flute	U-2133
0.500"	1.000"	0.500"	6.00"	4 Flute	U-2134
0.125"	0.750"	0.125"	2.50"	4 Flute	U-2136



### Square Endmills - Long Reach

Cutting Diameter D-1	Cutting Length L-1	Shank Diameter D-2	Overall Length L-2		Reach L-3	Item #
0.0312"	0.118"/3mm	0.125"	2.00"	2 Flute	0.393"/10mm	U-2140
0.039"/1mm	0.118"/3mm	0.125"	2.00"	2 Flute	0.393"/10mm	U-2141
0.0625"	0.196"/5mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2142
0.0781"	0.275"/7mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2143
0.0937"	0.275"/7mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2144

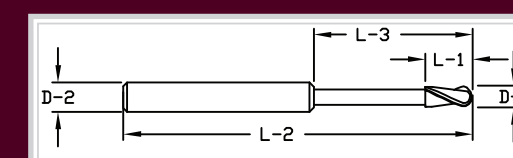


### Ball Endmills - Long Reach

Cutting Diameter D-1	Cutting Length L-1	Shank Diameter D-2	Overall Length L-2		Reach L-3	Item #
0.0312"	0.118"/3mm	0.125"	2.00"	2 Flute	0.393"/10mm	U-2150
0.039"/1mm	0.118"/3mm	0.125"	2.00"	2 Flute	0.393"/10mm	U-2151
0.0625"	0.196"/5mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2152
0.0781"	0.275"/7mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2153
0.0937"	0.275"/7mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2154

### Square Endmills - Extra Long Reach

Cutting Diameter D-1	Cutting Length L-1	Shank Diameter D-2	Overall Length L-2		Reach L-3	Item #
0.0312"	0.118"/3mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2145
0.039"/1mm	0.118"/3mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2146
0.0625"	0.196"/5mm	0.125"	2.00"	2 Flute	0.984"/25mm	U-2147
0.0781"	0.275"/7mm	0.125"	2.00"	2 Flute	0.984"/25mm	U-2148
0.0937"	0.275"/7mm	0.125"	2.00"	2 Flute	0.984"/25mm	U-2149



### Ball Endmills - Extra Long Reach

Cutting Diameter D-1	Cutting Length L-1	Shank Diameter D-2	Overall Length L-2		Reach L-3	Item #
0.0312"	0.118"/3mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2155
0.039"/1mm	0.118"/3mm	0.125"	2.00"	2 Flute	0.590"/15mm	U-2156
0.0625"	0.196"/5mm	0.125"	2.00"	2 Flute	0.984"/25mm	U-2157
0.0781"	0.275"/7mm	0.125"	2.00"	2 Flute	0.984"/25mm	U-2158
0.0937"	0.275"/7mm	0.125"	2.00"	2 Flute	0.984"/25mm	U-2159

# P.L. SCHMITT CARBIDE TOOLING L.L.C.

“CARBIDE WITH ATTITUDE”

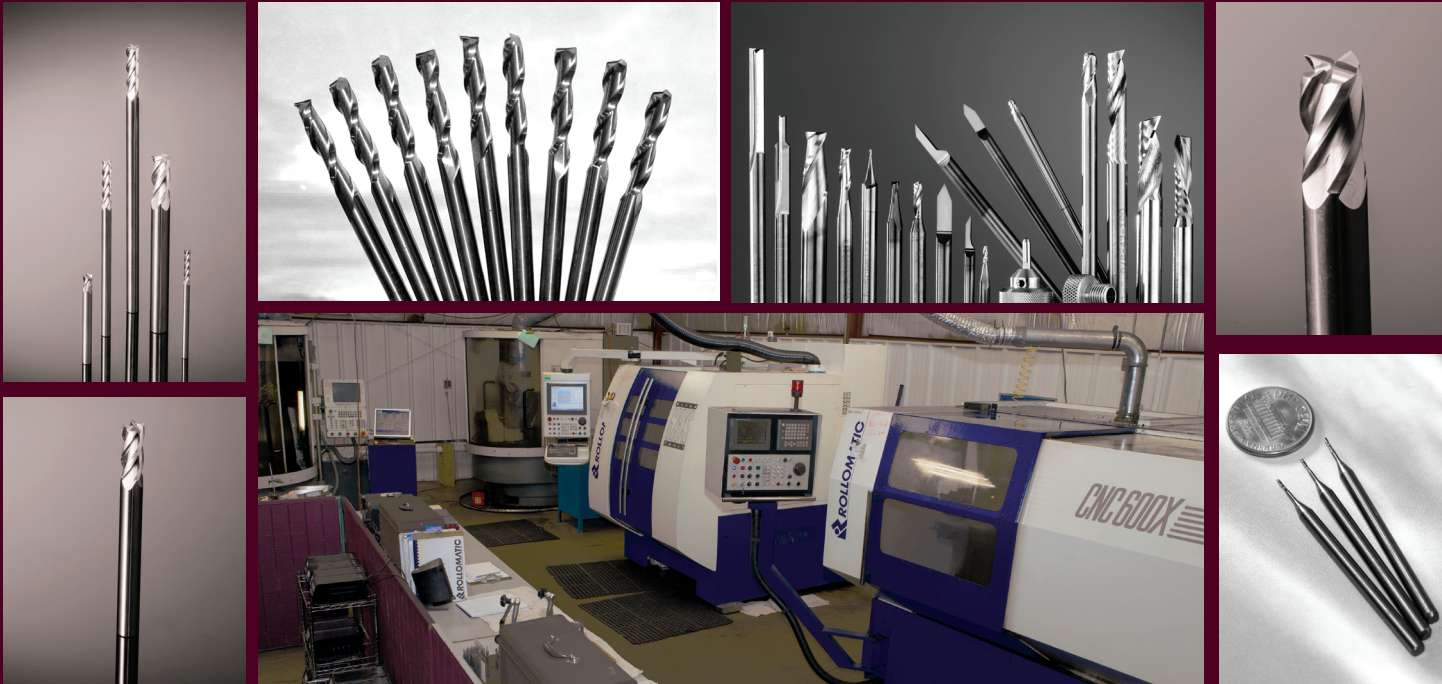


**P. L. Schmitt Carbide Tooling** is a family owned business in the village of Grass Lake, Michigan specializing in solid carbide router bits, engraving tooling, and micro milling cutters. PLSCCT is an offspring from a family of tool makers that go back to 1939! Paul Schmitt and the technicians at PLSCCT use the most advanced CNC machines and software to design tooling that leads the world in quality and function.

133 DRAKE STREET, GRASS LAKE, MI 49240

PHONE/FAX: (517) 522-6891

WEBSITE: WWW.PLSCT.COM



“P.L. Schmitt Carbide Tooling wants to have a powerful impact in the tooling industry, and in the world.”

Our mission is to provide the highest quality carbide cutting tools to our customers, while also providing a positive environment for our employees. We take pride in the products that leave our facility, knowing the time and effort that has gone into each one. Our years of experience and expert machining skills allow us to have the goal of making every new customer a returning customer. The quality of our tooling speaks for itself and is the driving force for the growth of our company. The Schmitt Family along with their employees are passionate and caring about the service we are providing to our customers. Supporting our employees and our local community as if they were our family is our most valued commitment.

“Carbide with Attitude”

