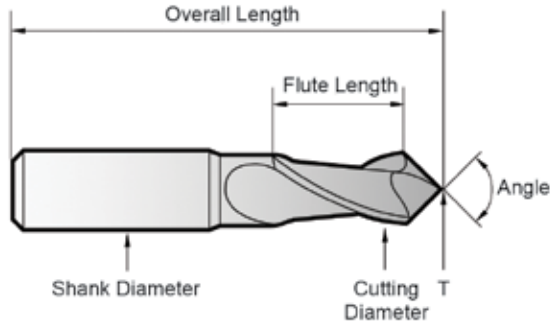
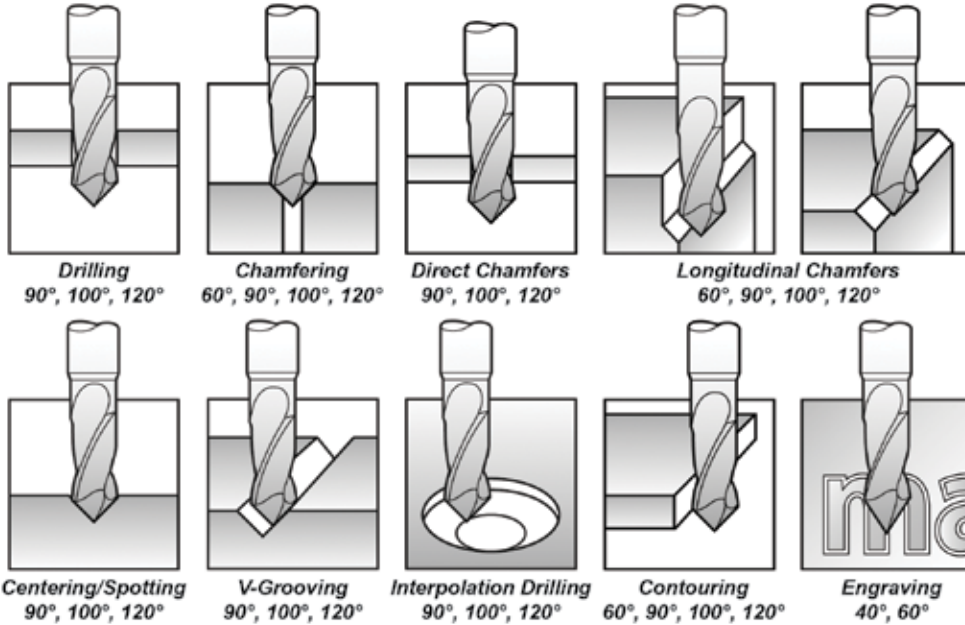


# MULTI-V Drill Mill Multi-Function Tool

Micrograin Solid Carbide – 90° Angle



Web thickness:  $T=0.1 \times D$

**Tolerances**

Diagrams		Angle	Shank Diameter	
0.020-0.118	-0 -0.0010	$\pm 1^\circ$	0.118	0-0.00020
0.157-0.236	-0 -0.0012	$\pm 1^\circ$	0.157-0.197	0-0.00030
0.250-0.394	-0 -0.0014	$\pm 1^\circ$	0.197-0.394	0-0.00035
0.472-0.630	-0.0018 -0.0036	$\pm 1^\circ$	0.500-0.630	0-0.00045
0.787	-0.0025 -0.0045	$\pm 1^\circ$	0.787	0-0.00050

Cutting Diameter (Inch)	Cutting Diameter (mm)	Overall Length (Inch)	Flute Length (Inch)	Shank Diameter (Inch)	(Series 8090) Code	Cutting Diameter (Inch)	Cutting Diameter (mm)	Overall Length (Inch)	Flute Length (Inch)	Shank Diameter (Inch)	(Series 8090) Code
0.020	0.50	1-1/2	0.040	0.118	540401	0.157	4.00	2	0.315	0.197	540414
0.024	0.60	1-1/2	0.047	0.118	540402	3/16	4.76	2	0.375	1/4	540415
0.028	0.70	1-1/2	0.055	0.118	540403	0.197	5.00	2	0.395	0.236	540416
0.031	0.80	1-1/2	0.063	0.118	540404	0.236	6.00	2-3/8	0.475	0.315	540417
0.035	0.90	1-1/2	0.071	0.118	540405	1/4	6.35	2-3/8	0.475	5/16	540418
0.039	1.00	1-1/2	0.080	0.118	540406	5/16	7.93	2-3/4	0.630	3/8	540419
0.047	1.20	1-1/2	0.095	0.118	540407	0.315	8.00	2-3/4	0.630	0.394	540420
0.055	1.40	1-1/2	0.110	0.118	540408	3/8	9.52	2-3/4	0.710	1/2	540421
0.059	1.50	1-1/2	0.120	0.118	540409	0.394	10.00	2-3/4	0.710	0.472	540422
0.063	1.60	1-1/2	0.125	0.118	314000	0.472	12.00	2-3/4	0.790	0.472	540423
0.071	1.80	1-1/2	0.140	0.118	540410	1/2	12.70	2-3/4	0.790	1/2	540424
0.078	2.00	1-1/2	0.160	0.118	540411	5/8	15.07	3-1/8	1.000	5/8	540425
0.098	2.50	1-1/2	0.195	0.118	540412	0.630	16.00	3-1/8	1.025	0.630	540426
0.118	3.00	2	0.240	0.157	540413	0.787	20.00	4	1.260	0.787	540427