

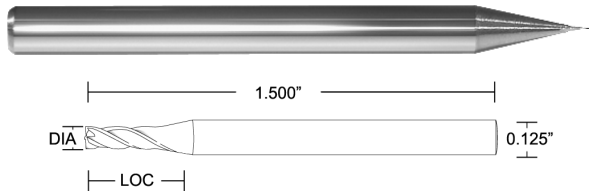
MINIATURE ENDMILLS-SOLID CARBIDE

C

SQUARE END-2 & 4 FLUTE

Center Cutting • 30° Helix

1/8" Shank • 1-1/2" Oal



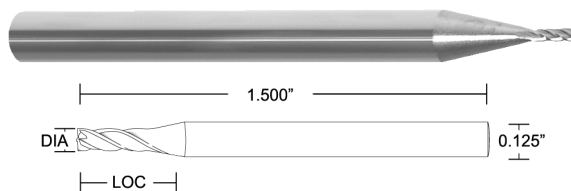
- Manufactured from the highest quality carbide material with 10% cobalt
- Sinter Hipped- C2 grade, micrograin carbide
- Miniature and subminiature

		2 Flute		4 Flute				2 Flute		4 Flute				2 Flute		4 Flute				
Cutting Dia	LOC	Part Number	Part Number	Price Each	Cutting Dia	LOC	Part Number	Part Number	Price Each	Cutting Dia	LOC	Part Number	Part Number	Price Each	Cutting Dia	LOC	Part Number	Part Number	Price Each	
.005	0.0150	MO-100010	MO-100410	\$21.54	.030	0.0900	MO-100110	MO-100510	\$13.44	.055	0.1650	MO-100210	MO-100610	\$11.29						
.006	0.0180	MO-200110	MO-205110	\$21.54	.031	0.0930	MO-200360	MO-205360	\$13.44	.056	0.1680	MO-200610	MO-205610	\$11.29						
.007	0.0210	MO-200120	MO-205120	\$20.83	.032	0.0960	MO-200370	MO-205370	\$13.44	.057	0.1710	MO-200620	MO-205620	\$11.29						
.008	0.0240	MO-200130	MO-205130	\$20.83	.033	0.0990	MO-200380	MO-205380	\$13.44	.058	0.1740	MO-200630	MO-205630	\$11.29						
.009	0.0270	MO-200140	MO-205140	\$20.83	.034	0.1020	MO-200390	MO-205390	\$13.44	.059	0.1770	MO-200640	MO-205640	\$11.29						
.010	0.0300	MO-100030	MO-100430	\$17.30	.035	0.1050	MO-100130	MO-100530	\$11.29	.060	0.1800	MO-100230	MO-100630	\$10.00						
.011	0.0330	MO-200160	MO-205160	\$17.30	.036	0.1080	MO-200410	MO-205410	\$11.29	.061	0.1830	MO-200660	MO-205660	\$10.00						
.012	0.0360	MO-200170	MO-205170	\$17.30	.037	0.1110	MO-200420	MO-205420	\$11.29	.062	0.1860	MO-200670	MO-205670	\$10.00						
.013	0.0390	MO-200180	MO-205180	\$17.30	.038	0.1140	MO-200430	MO-205430	\$11.29	.063	0.1890	MO-200680	MO-205680	\$10.00						
.014	0.0420	MO-200190	MO-205190	\$17.30	.039	0.1170	MO-200440	MO-205440	\$11.29	.064	0.1920	MO-200690	MO-205690	\$10.00						
.015	0.0450	MO-100050	MO-100450	\$15.31	.040	0.1200	MO-100150	MO-100550	\$11.29	.065	0.1950	MO-100250	MO-100650	\$10.00						
.016	0.0480	MO-200210	MO-205210	\$15.31	.041	0.1230	MO-200460	MO-205460	\$11.29	.070	0.2100	MO-100270	MO-100670	\$10.00						
.017	0.0510	MO-200220	MO-205220	\$15.31	.042	0.1260	MO-200470	MO-205470	\$11.29	.075	0.2250	MO-100290	MO-100690	\$10.00						
.018	0.0540	MO-200230	MO-205230	\$15.31	.043	0.1290	MO-200480	MO-205480	\$11.29	.080	0.2400	MO-100310	MO-100710	\$10.00						
.019	0.0570	MO-200240	MO-205240	\$15.31	.044	0.1320	MO-200490	MO-205490	\$11.29	.085	0.2550	MO-100330	MO-100730	\$10.00						
.020	0.0600	MO-100070	MO-100470	\$14.61	.045	0.1350	MO-100170	MO-100570	\$11.29	.090	0.2700	MO-100350	MO-100750	\$10.00						
.021	0.0630	MO-200260	MO-205260	\$14.61	.046	0.1380	MO-200510	MO-205510	\$11.29	.095	0.2850	MO-100370	MO-100770	\$10.00						
.022	0.0660	MO-200270	MO-205270	\$14.61	.047	0.1410	MO-200520	MO-205520	\$11.29	.100	0.3000	MO-100390	MO-100790	\$10.00						
.023	0.0690	MO-200280	MO-205280	\$14.61	.048	0.1440	MO-200530	MO-205530	\$11.29	.105	0.3150	MO-100401	MO-100801	\$10.00						
.024	0.0720	MO-200290	MO-205290	\$14.61	.049	0.1470	MO-200540	MO-205540	\$11.29	.110	0.3300	MO-100403	MO-100803	\$10.00						
.025	0.0750	MO-100090	MO-100490	\$13.44	.050	0.1500	MO-100190	MO-100590	\$11.29	.115	0.3450	MO-100408	MO-100808	\$10.00						
.026	0.0780	MO-200310	MO-205310	\$13.44	.051	0.1530	MO-200560	MO-205560	\$11.29	.120	0.3600	MO-100408	MO-100807	\$10.00						
.027	0.0810	MO-200320	MO-205320	\$13.44	.052	0.1560	MO-200570	MO-205570	\$11.29											
.028	0.0840	MO-200330	MO-205330	\$13.44	.053	0.1590	MO-200580	MO-205580	\$11.29											
.029	0.0870	MO-200340	MO-205340	\$13.44	.054	0.1620	MO-200590	MO-205590	\$11.29											

BALL END-2 & 4 FLUTE

Center Cutting • 30° Helix

1/8" Shank • 1-1/2" Oal



- Manufactured from the highest quality carbide material with 10% cobalt
- Sinter Hipped- C2 grade, micrograin carbide
- Miniature and subminiature

		2 Flute		4 Flute				2 Flute		4 Flute				2 Flute		4 Flute				
Cutting Dia	LOC	Part Number	Part Number	Price Each	Cutting Dia	LOC	Part Number	Part Number	Price Each	Cutting Dia	LOC	Part Number	Part Number	Price Each	Cutting Dia	LOC	Part Number	Part Number	Price Each	
.010	0.0300	MO-320010	MO-340010	\$26.22	.035	0.1050	MO-320035	MO-340035	\$15.44	.060	0.1800	MO-320060	MO-340060	\$15.06						
.011	0.0330	MO-320011	MO-340011	\$26.22	.036	0.1080	MO-320036	MO-340036	\$15.44	.061	0.1830	MO-320061	MO-340061	\$15.06						
.012	0.0360	MO-320012	MO-340012	\$26.22	.037	0.1110	MO-320037	MO-340037	\$15.44	.062	0.1860	MO-320062	MO-340062	\$15.06						
.013	0.0390	MO-320013	MO-340013	\$26.22	.038	0.1140	MO-320038	MO-340038	\$15.44	.063	0.1890	MO-320063	MO-340063	\$15.06						
.014	0.0420	MO-320014	MO-340014	\$26.22	.039	0.1170	MO-320039	MO-340039	\$15.44	.064	0.1920	MO-320064	MO-340064	\$15.06						
.015	0.0450	MO-320015	MO-340015	\$20.91	.040	0.1200	MO-320040	MO-340040	\$15.44	.065	0.1950	MO-320065	MO-340065	\$15.06						
.016	0.0480	MO-320016	MO-340016	\$20.91	.041	0.1230	MO-320041	MO-340041	\$15.44	.070	0.2100	MO-320070	MO-340070	\$15.06						
.017	0.0510	MO-320017	MO-340017	\$20.91	.042	0.1260	MO-320042	MO-340042	\$15.44	.075	0.2250	MO-320075	MO-340075	\$15.06						
.018	0.0540	MO-320018	MO-340018	\$20.91	.043	0.1290	MO-320043	MO-340043	\$15.44	.080	0.2400	MO-320080	MO-340080	\$15.06						
.019	0.0570	MO-320019	MO-340019	\$20.91	.044	0.1320	MO-320044	MO-340044	\$15.44	.085	0.2550	MO-320085	MO-340085	\$15.06						
.020	0.0600	MO-320020	MO-340020	\$20.13	.045	0.1350	MO-320045	MO-340045	\$15.44	.090	0.2700	MO-320090	MO-340090	\$15.06						
.021	0.0630	MO-320021	MO-340021	\$20.13	.046	0.1380	MO-320046	MO-340046	\$15.44	.095	0.2850	MO-320100	MO-340095	\$15.06						
.022	0.0660	MO-320022	MO-340022	\$20.13	.047	0.1410	MO-320047	MO-340047	\$15.44	.100	0.3000	MO-320110	MO-340100	\$15.06						
.023	0.0690	MO-320023	MO-340023	\$20.13	.048	0.1440	MO-320048	MO-340048	\$15.44	.105	0.3150	MO-320105	MO-340105	\$15.06						
.024	0.0720	MO-320024	MO-340024	\$20.13	.049	0.1470	MO-320049	MO-340049	\$15.44	.110	0.3300	MO-320110	MO-340110	\$15.06						
.025	0.0750	MO-320025	MO-340025	\$18.22	.050	0.1500	MO-320050	MO-340050	\$15.44	.115	0.3450	MO-320115	MO-340115	\$15.06						
.026	0.0780	MO-320026	MO-340026	\$18.22	.051	0.1530	MO-320051	MO-340051	\$15.44	.120	0.3600	MO-320120	MO-340120	\$15.06						
.027	0.0810	MO-320027	MO-340027	\$18.22	.052	0.1560	MO-320052	MO-340052	\$15.44											
.028	0.0840	MO-320028	MO-340028	\$18.22	.053	0.1590	MO-320053	MO-340053	\$15.44											
.029	0.0870	MO-320029	MO-340029	\$18.22	.054	0.1620	MO-320054	MO-340054	\$15.44											
.030	0.0900	MO-320030	MO-340030	\$16.43	.055	0.1650	MO-320055	MO-340055	\$15.44											
.031	0.0930	MO-320031	MO-340031	\$16.43	.056	0.1680	MO-320056	MO-340056	\$15.44											
.032	0.0960	MO-320032	MO-340032	\$16.43	.057	0.1710	MO-320057	MO-340057	\$15.44											
.033	0.0990	MO-320033	MO-340033	\$16.43	.058	0.1740	MO-320058	MO-340058	\$15.44											
.034	0.1020	MO-320034	MO-340034	\$16.43	.059	0.1770	MO-320059	MO-340059	\$15.44											

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TOOL STORAGE

MINIATURE ENDMILLS-SOLID CARBIDE

MINIATURE BALL END MILLS

2 Flute - Center Cutting - 30° Helix



Cutter Dia	Shank	OAL	LOC	Part Number	Price Each
0.010	1/8	1-1/2	0.030	MI-BMR0102	\$40.15
0.011			0.033	MI-BMR0112	\$36.45
0.012			0.036	MI-BMR0122	\$36.45
0.013			0.039	MI-BMR0132	\$31.00
0.014			0.042	MI-BMR0142	\$31.00
0.015	1/8	1-1/2	0.045	MI-BMR0152	\$24.50
0.016			0.048	MI-BMR0162	\$24.50
0.017			0.051	MI-BMR0172	\$24.50
0.018			0.054	MI-BMR0182	\$24.50
0.019			0.057	MI-BMR0192	\$24.50
0.020	1/8	1-1/2	0.060	MI-BMR0202	\$22.75
0.021			0.063	MI-BMR0212	\$22.75
0.022			0.066	MI-BMR0222	\$22.75
0.023			0.069	MI-BMR0232	\$22.75
0.024			0.072	MI-BMR0242	\$22.75
0.025	1/8	1-1/2	0.075	MI-BMR0252	\$22.75
0.026			0.078	MI-BMR0262	\$20.70
0.027			0.081	MI-BMR0272	\$20.70
0.028			0.084	MI-BMR0282	\$20.70
0.029			0.087	MI-BMR0292	\$20.70
0.030	0.090	MI-BMR0302	\$20.70		

MINIATURE END MILLS

2 Flute - Center Cutting - 30° Helix



Cutter Dia	Shank	OAL	LOC	Part Number	Price Each
0.010	1/8	1-1/2	0.030	MI-RME0102	\$34.95
0.011			0.033	MI-RME0112	\$31.65
0.012			0.036	MI-RME0122	\$31.65
0.013			0.039	MI-RME0132	\$26.90
0.014			0.042	MI-RME0142	\$26.90
0.015	1/8	1-1/2	0.045	MI-RME0152	\$21.35
0.016			0.048	MI-RME0162	\$21.35
0.017			0.051	MI-RME0172	\$21.35
0.018			0.054	MI-RME0182	\$21.35
0.019			0.057	MI-RME0192	\$21.35
0.020	1/8	1-1/2	0.060	MI-RME0202	\$19.70
0.021			0.063	MI-RME0212	\$19.70
0.022			0.066	MI-RME0222	\$19.70
0.023			0.069	MI-RME0232	\$19.70
0.024			0.072	MI-RME0242	\$19.70
0.025	1/8	1-1/2	0.075	MI-RME0252	\$19.70
0.026			0.078	MI-RME0262	\$16.65
0.027			0.081	MI-RME0272	\$16.65
0.028			0.084	MI-RME0282	\$16.65
0.029			0.087	MI-RME0292	\$16.65
0.030	0.090	MI-RME0302	\$16.65		

MINIATURE STUB BALL END MILLS

2 Flute - Center Cutting - 30° Helix



Cutter Dia	Shank	OAL	LOC	Part Number	Price Each
0.010	1/8	1-1/2	0.015	MI-BMS0102	\$38.45
0.011			0.016	MI-BMS0112	\$34.75
0.012			0.018	MI-BMS0122	\$34.75
0.013			0.019	MI-BMS0132	\$29.55
0.014			0.021	MI-BMS0142	\$29.55
0.015	1/8	1-1/2	0.022	MI-BMS0152	\$23.60
0.016			0.024	MI-BMS0162	\$23.60
0.017			0.025	MI-BMS0172	\$23.60
0.018			0.027	MI-BMS0182	\$23.60
0.019			0.028	MI-BMS0192	\$23.60
0.020	1/8	1-1/2	0.030	MI-BMS0202	\$21.70
0.021			0.031	MI-BMS0212	\$21.70
0.022			0.033	MI-BMS0222	\$21.70
0.023			0.034	MI-BMS0232	\$21.70
0.024			0.036	MI-BMS0242	\$21.70
0.025	1/8	1-1/2	0.037	MI-BMS0252	\$21.70
0.026			0.039	MI-BMS0262	\$19.75
0.027			0.040	MI-BMS0272	\$19.75
0.028			0.042	MI-BMS0282	\$19.75
0.029			0.043	MI-BMS0292	\$19.75
0.030	0.045	MI-BMS0302	\$19.75		

MINIATURE STUB END MILLS

2 Flute Center Cutting - 30° Helix



Cutter Dia	Shank	OAL	LOC	Part Number	Price Each
0.005	1/8	1-1/2	0.007	MI-SME0052	\$43.40
0.006			0.009	MI-SME0062	\$43.40
0.007			0.010	MI-SME0072	\$36.80
0.008			0.012	MI-SME0082	\$36.80
0.009			0.013	MI-SME0092	\$33.45
0.010	1/8	1-1/2	0.015	MI-SME0102	\$33.45
0.011			0.016	MI-SME0112	\$30.25
0.012			0.018	MI-SME0122	\$30.25
0.013			0.019	MI-SME0132	\$25.70
0.014			0.021	MI-SME0142	\$25.70
0.015	1/8	1-1/2	0.022	MI-SME0152	\$20.45
0.016			0.024	MI-SME0162	\$20.45
0.017			0.025	MI-SME0172	\$20.45
0.018			0.027	MI-SME0182	\$20.45
0.019			0.028	MI-SME0192	\$20.45
0.020	1/8	1-1/2	0.030	MI-SME0202	\$18.85
0.021			0.031	MI-SME0212	\$18.85
0.022			0.033	MI-SME0222	\$18.85
0.023			0.034	MI-SME0232	\$18.85
0.024			0.036	MI-SME0242	\$18.85
0.025	1/8	1-1/2	0.037	MI-SME0252	\$18.85
0.026			0.039	MI-SME0262	\$16.55
0.027			0.040	MI-SME0272	\$16.55
0.028			0.042	MI-SME0282	\$16.55
0.029			0.043	MI-SME0292	\$16.55
0.030	0.045	MI-SME0302	\$16.55		

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