



## SPB540 - Multi Flute Single-End Ball-End Center-Cutting Cobalt End Mills



### September 2005 Pricing

Flute	Shank	Length	Overall	#	Uncoated	Uncoated	TiN	TiN	TiCN	TiCN	TiAlN	TiAlN
Dia	Dia	of Cut	Length	F	EDP	List	EDP	List	EDP	List	EDP	List
1/8	3/8	3/8	2 5/16	4	54041	\$21.73	54040	\$22.85	88688	\$23.86	67372	\$23.86
3/16	3/8	1/2	2 3/8	4	54061	\$21.73	54060	\$22.85	88689	\$23.86	67373	\$23.86
1/4	3/8	5/8	2 7/16	4	54081	\$21.73	54080	\$22.85	88690	\$23.86	67374	\$23.86
1/4	3/8	1	2 13/16	4	67267	\$22.51	67302	\$23.63	67337	\$24.75	67375	\$24.75
1/4	3/8	1 1/4	3 1/8	4	67268	\$25.09	67303	\$26.32	67338	\$27.55	67376	\$27.55
1/4	3/8	1 3/4	3 9/16	4	67269	\$30.58	67304	\$32.14	67339	\$33.60	67377	\$33.60
5/16	3/8	3/4	2 1/2	4	54101	\$21.73	54100	\$22.85	88691	\$23.86	67378	\$23.86
5/16	3/8	1 3/8	3 1/8	4	67270	\$25.76	67305	\$27.10	67340	\$28.34	67379	\$28.34
5/16	3/8	2	3 3/4	4	67271	\$33.15	67306	\$34.83	67341	\$36.51	67380	\$36.51
3/8	3/8	3/4	2 1/2	4	54121	\$21.73	54120	\$22.85	88692	\$23.86	67381	\$23.86
3/8	3/8	1 1/2	3 1/4	4	67272	\$30.24	67307	\$31.81	67342	\$33.26	67382	\$33.26
3/8	3/8	2	3 3/4	4	67273	\$35.28	67308	\$37.07	67343	\$38.86	67383	\$38.86
3/8	3/8	2 1/2	4 1/4	4	67274	\$47.26	67309	\$49.62	67344	\$51.97	67384	\$51.97
1/2	1/2	1 1/4	3 1/4	4	54160	\$30.24	54168	\$31.81	88693	\$33.26	67385	\$33.26
1/2	1/2	1	3	4	67275	\$25.87	67310	\$27.22	67345	\$28.45	67386	\$28.45
1/2	1/2	2	4	4	67276	\$44.13	67311	\$46.37	67346	\$48.50	67387	\$48.50
1/2	1/2	2 1/2	4 1/2	4	67277	\$46.37	67312	\$48.72	67347	\$50.96	67388	\$50.96
1/2	1/2	3	5	4	67278	\$51.41	67313	\$53.98	67348	\$56.56	67389	\$56.56
5/8	5/8	1 5/8	3 3/4	4	54200	\$41.22	54208	\$43.23	88694	\$45.36	67390	\$45.36
5/8	5/8	1 1/4	3 3/8	4	67279	\$32.37	67314	\$33.94	67349	\$35.62	67391	\$35.62
5/8	5/8	2 1/2	4 5/8	4	67280	\$56.34	67315	\$59.14	67350	\$61.94	67392	\$61.94
5/8	5/8	3	5 1/8	4	67281	\$50.85	67316	\$53.42	67351	\$55.89	67393	\$55.89
5/8	5/8	4	6 1/8	4	67282	\$62.50	67317	\$65.63	67352	\$68.77	67394	\$68.77
3/4	3/4	1 5/8	3 7/8	4	54240	\$48.16	54248	\$50.62	88695	\$52.98	67395	\$52.98
3/4	3/4	2 1/4	4 1/2	4	67283	\$52.30	67318	\$54.88	67353	\$57.57	67396	\$57.57
3/4	3/4	3	5 1/4	4	67284	\$62.72	67319	\$65.86	67354	\$68.99	67397	\$68.99
3/4	3/4	4	6 1/8	4	67285	\$71.12	67320	\$74.70	67355	\$78.29	67398	\$78.29
3/4	3/4	4 1/2	6 3/4	4	67286	\$78.29	67321	\$82.21	67356	\$86.13	67399	\$86.13
7/8	7/8	1 7/8	4 1/8	4	54280	\$62.27	54288	\$65.41	88696	\$68.54	67400	\$68.54
1	1	2	4 1/2	4	54320	\$72.58	54328	\$76.16	88697	\$79.86	67401	\$79.86
1	1	3	5 1/2	4	67287	\$88.82	67322	\$93.30	67357	\$97.66	67402	\$97.66
1	1	4	6 1/2	4	67288	\$108.64	67323	\$114.13	67358	\$119.50	67403	\$119.50
1	1	5	7 1/2	4	67289	\$159.26	67324	\$167.22	67359	\$175.17	67404	\$175.17
1	1	6	8 1/2	4	67290	\$163.07	67325	\$171.25	67360	\$179.42	67405	\$179.42
1 1/4	1 1/4	2	4 1/2	6	54407	\$121.52	54408	\$127.57	88698	\$133.73	67406	\$133.73
1 1/4	1 1/4	3	5 1/2	6	67291	\$145.15	67326	\$152.43	67361	\$159.71	67407	\$159.71
1 1/4	1 1/4	4	6 1/2	6	67292	\$155.01	67327	\$162.74	67362	\$170.46	67408	\$170.46
1 1/4	1 1/4	6	8 1/2	6	67293	\$202.72	67328	\$212.91	67363	\$222.99	67409	\$222.99
1 1/2	1 1/4	2	4 1/2	6	54487	\$149.97	54488	\$157.47	88699	\$164.98	67410	\$164.98
1 1/2	1 1/4	4	6 1/2	6	67294	\$195.78	67329	\$205.52	67364	\$215.38	67411	\$215.38
1 1/2	1 1/4	6	8 1/2	6	67295	\$256.03	67330	\$268.80	67365	\$281.68	67412	\$281.68
1 1/2	1 1/4	8	10 1/2	6	67296	\$239.23	67331	\$251.22	67366	\$263.20	67413	\$263.20
2	2	2	5 3/4	6	67297	\$232.85	67332	\$244.50	67367	\$256.14	67414	\$256.14
2	2	3	6 3/4	6	67298	\$276.42	67333	\$290.19	67368	\$304.08	67415	\$304.08
2	2	4	7 3/4	6	67299	\$298.48	67334	\$313.38	67369	\$328.38	67416	\$328.38
2	2	6	9 3/4	6	67300	\$371.06	67335	\$389.65	67370	\$408.13	67417	\$408.13
2	2	8	11 3/4	6	67301	\$447.22	67336	\$469.62	67371	\$491.90	67418	\$491.90
<b>Flute Dia</b>		+0.001"	-0.000"		<b>Overall Length</b>		+0.062"	-0.000"	<b>Helix Angle 30°</b>			
<b>Shank Dia</b>		-0.0001"	-0.0005"						<b>Length of Cut</b>		+0.031"	-0.000"