



# Niagara Cutter

Niagara Cutter, Inc. • 200 John James Audubon Pkwy • Amherst, NY 14228 USA

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## SPB510 - 2 Flute Single-End Ball-End Center-Cutting Cobalt End Mills



### September 2006 Pricing

Flute Dia	Shank Dia	Length of Cut	Overall Length	# F	Uncoated EDP	Uncoated List	TiN EDP	TiN List	TiCN EDP	TiCN List	TiAlN EDP	TiAlN List
1/8	3/8	3/8	2 5/16	2	51041	\$18.93	51040	\$19.82	88589	\$20.83	54209	\$20.83
3/16	3/8	1/2	2 3/8	2	51061	\$18.03	51060	\$18.93	88590	\$19.82	54210	\$19.82
1/4	3/8	1/2	2 5/16	2	51081	\$18.03	51080	\$18.93	88591	\$19.82	54211	\$19.82
5/16	3/8	9/16	2 5/16	2	51101	\$18.03	51100	\$18.93	88592	\$19.82	54212	\$19.82
3/8	3/8	9/16	2 5/16	2	51121	\$18.03	51120	\$18.93	88593	\$19.82	54213	\$19.82
7/16	3/8	13/16	2 1/2	2	51141	\$22.96	51140	\$24.08	88594	\$25.31	54214	\$25.31
1/2	1/2	1	3	2	51162	\$26.10	51160	\$27.44	88595	\$28.67	54215	\$28.67
9/16	1/2	1 1/8	3 1/8	2	51182	\$32.70	51180	\$34.38	88596	\$35.95	54216	\$35.95
5/8	5/8	1 5/16	3 7/16	2	51203	\$35.95	51200	\$37.74	88597	\$39.54	54217	\$39.54
3/4	3/4	1 5/16	3 9/16	2	51244	\$39.54	51240	\$41.55	88598	\$43.46	54218	\$43.46
7/8	7/8	1 1/2	3 3/4	2	51285	\$45.58	51280	\$47.82	88599	\$50.18	54219	\$50.18
1	1	1 5/8	4 1/8	2	51326	\$59.25	51320	\$62.16	88600	\$65.18	54220	\$65.18
1 1/8	1	1 5/8	4 1/8	2	51366	\$73.14	51360	\$76.83	88601	\$80.42	54221	\$80.42
1 1/4	1 1/4	1 5/8	4 1/8	2	51407	\$112.11	51400	\$117.71	88602	\$123.31	54222	\$123.31
1 1/2	1 1/4	1 5/8	4 1/8	2	51487	\$145.38	51480	\$152.66	88603	\$159.94	54223	\$159.94
<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"

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