



Niagara Cutter

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STF320 - 3 Flute Single-End Center-Cutting 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	3	32041	\$12.99	32040	\$13.66	88109	\$14.34	07072	\$14.34
3/16	3/8	1/2	2 3/8	3	32061	\$12.99	32060	\$13.66	88110	\$14.34	07073	\$14.34
1/4	3/8	5/8	2 7/16	3	32081	\$12.99	32080	\$13.66	88111	\$14.34	07074	\$14.34
1/4	3/8	1 1/4	3 1/8	3	30081	\$18.82	30080	\$19.71	88085	\$20.72	31102	\$20.72
5/16	3/8	3/4	2 1/2	3	32101	\$12.99	32100	\$13.66	88112	\$14.34	07075	\$14.34
5/16	3/8	1 3/8	3 1/8	3	30101	\$18.82	30100	\$19.71	88086	\$20.72	31103	\$20.72
3/8	3/8	3/4	2 1/2	3	32121	\$17.58	32120	\$18.48	88113	\$19.38	07076	\$19.38
3/8	3/8	1 1/2	3 1/4	3	30121	\$18.82	30120	\$19.71	88087	\$20.72	31104	\$20.72
7/16	3/8	1	2 11/16	3	32141	\$20.83	32140	\$21.84	88114	\$22.96	07077	\$22.96
7/16	1/2	1 3/4	3 3/4	3	30142	\$20.05	30140	\$21.06	88088	\$22.06	31105	\$22.06
1/2	3/8	1	2 11/16	3	32161	\$21.62	32163	\$22.74	88115	\$23.74	07078	\$23.74
1/2	1/2	1 1/4	3 1/4	3	32162	\$21.62	32160	\$22.74	88116	\$23.74	07079	\$23.74
1/2	1/2	2	4	3	30162	\$22.40	30160	\$23.52	88089	\$24.64	31106	\$24.64
9/16	1/2	1 3/8	3 3/8	3	32182	\$26.21	32180	\$27.55	88117	\$28.78	07080	\$28.78
5/8	1/2	1 3/8	3 3/8	3	32202	\$23.30	32201	\$24.42	88118	\$25.65	07081	\$25.65
5/8	5/8	1 5/8	3 3/4	3	32203	\$26.21	32200	\$27.55	88119	\$28.78	07082	\$28.78
5/8	5/8	2 1/2	4 5/8	3	30203	\$28.34	30200	\$29.79	88090	\$31.14	31107	\$31.14
3/4	1/2	1 5/8	3 5/8	3	32242	\$30.69	32241	\$32.26	88120	\$33.71	07083	\$33.71
3/4	5/8	1 5/8	3 3/4	3	32243	\$30.13	32245	\$31.58	88121	\$33.15	07084	\$33.15
3/4	3/4	1 5/8	3 7/8	3	32244	\$30.69	32240	\$32.26	88122	\$33.71	07085	\$33.71
3/4	3/4	3	5 1/4	3	30244	\$35.28	30240	\$37.07	88091	\$38.86	31108	\$38.86
7/8	5/8	1 7/8	4	3	32283	\$37.07	32281	\$38.98	88123	\$40.77	07086	\$40.77
7/8	3/4	1 7/8	4 1/8	3	32284	\$37.07	32282	\$38.98	88124	\$40.77	07087	\$40.77
7/8	7/8	1 7/8	4 1/8	3	32285	\$37.07	32280	\$38.98	88125	\$40.77	07088	\$40.77
7/8	7/8	3 1/2	5 3/4	3	30285	\$43.79	30280	\$46.03	88092	\$48.16	31109	\$48.16
1	5/8	1 7/8	4	3	32323	\$41.33	32321	\$43.34	88126	\$45.47	07089	\$45.47
1	3/4	1 7/8	4 1/8	3	32324	\$41.33	32322	\$43.34	88127	\$45.47	07090	\$45.47
1	7/8	1 7/8	4 1/8	3	32325	\$41.33	32327	\$43.34	88128	\$45.47	07091	\$45.47
1	1	2	4 1/2	3	32326	\$41.33	32320	\$43.34	88129	\$45.47	07092	\$45.47
1	1	4	6 1/2	3	30326	\$57.12	30320	\$60.03	88093	\$62.83	31110	\$62.83
1 1/8	1	2	4 1/2	3	32366	\$59.81	32360	\$62.83	88130	\$65.74	07093	\$65.74
1 1/4	1	2	4 1/2	3	32406	\$67.54	32400	\$70.90	88131	\$74.26	07094	\$74.26
1 1/4	1 1/4	2	4 1/2	3	32407	\$67.87	32408	\$71.23	88132	\$74.70	07095	\$74.70
1 1/4	1 1/4	4	6 1/2	3	30407	\$89.71	30400	\$94.19	88094	\$98.67	31111	\$98.67
1 1/2	1	2	4 1/2	3	32486	\$85.46	32480	\$89.71	88133	\$93.97	07096	\$93.97
1 1/2	1 1/4	2	4 1/2	3	32487	\$86.13	32488	\$90.38	88134	\$94.75	07097	\$94.75
1 1/2	1 1/4	4	6 1/2	3	30487	\$113.90	30480	\$119.62	88095	\$125.33	31112	\$125.33
1 3/4	1 1/4	2	4 1/2	3	32567	\$109.31	32560	\$114.80	88135	\$120.29	07098	\$120.29
2	1 1/4	2	4 1/2	3	32647	\$130.59	32640	\$137.09	88136	\$143.70	07099	\$143.70
2	1 1/4	4	6 1/2	3	30647	\$183.57	30640	\$192.75	88096	\$201.94	31113	\$201.94
Flute Dia	+0.001" -0.000"										Helix Angle	30°
Shank Dia	-0.0001" -0.0005"					Overall Length	+0.062" -0.000"			Length of Cut	+0.031" -0.000"	

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