

High Quality Solid Carbide Endmills

Series 1 - Four Flute Single End

Uncoated and TiCN Coated

Series 3 - Two Flute Single End

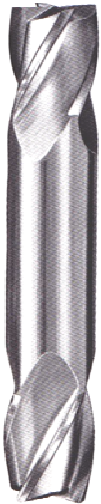


Cutting Dia.	Shank Dia.	Length of Cut	Overall Length	4 Flute Part No.	2 Flute Part No.	Uncoated Price	TiCN Price
1/32	1/8	5/64	1-1/2	30103	30303	7.01	8.08
3/64	1/8	7/64	1-1/2	30105	30305	7.15	8.24
1/16	1/8	3/16	1-1/2	30107	30307	6.36	7.33
5/64	1/8	3/16	1-1/2	30109	30309	6.43	7.41
3/32	1/8	9/32	1-1/2	30111	30311	6.12	7.05
1/8	1/8	3/8	1-1/2	30115	30315	5.68	6.54
5/32	3/16	1/2	2	30119	30319	8.38	9.65
3/16	3/16	5/8	2	30123	30323	7.93	9.14
7/32	1/4	5/8	2-1/2	30127	30327	10.56	12.16
1/4	1/4	3/4	2-1/2	30131	30331	9.68	11.15
9/32	5/16	3/4	2-1/2	30135	30335	12.89	14.85
5/16	5/16	13/16	2-1/2	30139	30339	13.29	15.30
11/32	3/8	1	2-1/2	30143	30343	16.99	19.57
3/8	3/8	1	2-1/2	30147	30347	15.96	18.38
13/32	7/16	1	2-3/4	30151	30351	24.06	27.71
7/16	7/16	1	2-3/4	30155	30355	20.65	23.79
15/32	1/2	1	3	30159	30359	29.01	33.41
1/2	1/2	1	3	30163	30363	26.12	30.09
5/8	5/8	1-1/4	3-1/2	30167	30367	51.25	56.40
3/4	3/4	1-1/2	4	30171	30371	75.49	83.08
7/8	7/8	1-1/2	4	30173	30373	109.99	121.06
1	1	1-1/2	4	30175	30375	115.13	126.71



Series 14 - Four Flute Double End Stub

Series 15 - Two Flute Double End Stub



Cutting Dia.	Shank Dia.	Length of Cut	Overall Length	4 Flute Part No.	2 Flute Part No.	Uncoated Price	TiCN Price
1/32	1/8	1/16	1-1/2	31401	31501	10.82	12.47
1/16	1/8	1/8	1-1/2	31405	31505	9.10	10.49
5/64	1/8	1/8	1-1/2	31407	31507	9.10	10.49
3/32	1/8	3/16	1-1/2	31409	31509	9.10	10.49
1/8	1/8	1/4	1-1/2	31413	31513	8.13	9.37
5/32	3/8	5/16	2	31417	31517	12.10	13.94
3/16	3/8	3/8	2-1/2	31421	31521	11.48	13.23
7/32	1/4	1/2.	2-1/2	31425	31525	14.91	13.23
1/4	1/4	1/2.	2-1/2	31429	31529	13.89	16.01
9/32	5/16	1/2.	2-1/2	31431	31531	19.53	22.50
5/16	5/16	1/2.	2-1/2	31433	31533	19.07	21.97
3/8	3/8	9/16	2-1/2	31435	31535	19.98	23.02
7/16	7/16	9/16	2-3/4	31437	31537	28.76	33.13
1/2	1/2	5/8	3	31439	31539	34.65	39.91



7/1/2006