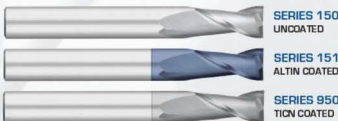


# Carbide End Mills

YOUR #1 SOURCE FOR AMERICAN-MADE PREMIUM CUTTING TOOLS



## 2 FLUTE - LONG LENGTH - SQUARE END - 30° HELIX



**SERIES 150**  
UNCOATED

**SERIES 151**  
ALUMINUM COATED

**SERIES 950**  
TiCN COATED

DIA	SHANK	LOC	OAL	UNCOATED	LIST PRICE	ALUMINUM	LIST PRICE	TiCN	LIST PRICE
1/8	1/8	3/4	2-1/4	TC15008	20.99	TC15108	26.99	TC95008	26.99
3/16	3/16	3/4	2-1/2	TC15012	24.63	TC15112	31.67	TC95012	31.67
1/4	1/4	1-1/8	3	TC15016	35.28	TC15116	45.48	TC95016	45.48
1/4	1/4	1	4	TC15017	37.15	TC15117	47.91	TC95017	47.91
5/16	5/16	1-1/8	3	TC15020	39.81	TC15120	53.72	TC95020	53.72
3/8	3/8	1-1/8	3	TC15024	45.66	TC15124	61.64	TC95024	61.64
3/8	3/8	1	4	TC15025	53.32	TC15125	68.60	TC95025	68.60
7/16	7/16	2	4	TC15028	71.95	TC15128	93.57	TC95028	93.57
1/2	1/2	1	4	TC15032	77.92	TC15132	100.34	TC95032	100.34
1/2	1/2	2	4	TC15033	82.52	TC15133	105.90	TC95033	105.90
5/8	5/8	2-1/4	5	TC15040	184.44	TC15140	228.26	TC95040	228.26
3/4	3/4	2-1/4	5	TC15048	254.74	TC15148	328.68	TC95048	328.68
7/8	7/8	2-1/4	5	TC15056	482.82	TC15156	570.60	TC95056	570.60
1	1	2-1/4	5	TC15064	348.75	TC15164	450.12	TC95064	450.12

## 2 FLUTE - EXTRA LONG LENGTH - SQUARE END - 30° HELIX



**SERIES 170**  
UNCOATED

**SERIES 171**  
ALUMINUM COATED

**SERIES 970**  
TiCN COATED

DIA	SHANK	LOC	OAL	UNCOATED	LIST PRICE	ALUMINUM	LIST PRICE	TiCN	LIST PRICE
1/8	1/8	1	3	TC17008	23.46	TC17108	31.67	TC97008	31.67
3/16	3/16	1-1/8	3	TC17012	25.52	TC17112	32.77	TC97012	32.77
1/4	1/4	1-1/2	4	TC17016	38.21	TC17116	49.22	TC97016	49.22
1/4	1/4	1-1/2	6	TC17017	48.75	TC17117	62.71	TC97017	62.71
5/16	5/16	1-5/8	4	TC17020	49.20	TC17120	63.48	TC97020	63.48
3/8	3/8	1-3/4	4	TC17024	55.86	TC17124	71.55	TC97024	71.55
3/8	3/8	1-1/2	6	TC17025	84.58	TC17125	109.03	TC97025	109.03
7/16	7/16	3	6	TC17028	113.93	TC17128	146.08	TC97028	146.08
1/2	1/2	1-1/2	6	TC17032	128.73	TC17132	159.77	TC97032	159.77
1/2	1/2	3	6	TC17033	135.14	TC17133	166.18	TC97033	166.18
5/8	5/8	3	6	TC17040	199.03	TC17140	244.69	TC97040	244.69
3/4	3/4	3	6	TC17048	295.80	TC17148	363.37	TC97048	363.37
7/8	7/8	3	6	TC17056	526.71	TC17156	658.43	TC97056	658.43
1	1	3	6	TC17064	502.15	TC17164	617.07	TC97064	617.07

For coating information see page 6. For technical information, please see pages 224, 228-229.

TOLERANCES	DIAMETER	SHANK
1/8" - 1/2"	+ .000, -.002	-.0001, -.0004 ISO H8
5/8" - 1"	+ .000, -.003	-.0001, -.0004 ISO H8