

# Carbide End Mills

YOUR #1 SOURCE FOR AMERICAN-MADE PREMIUM CUTTING TOOLS



## 4 FLUTE - STUB LENGTH - SQUARE END - 30° HELIX



**SERIES 106**  
UNCOATED



**SERIES 109**  
ALTiN COATED

DIA	SHANK	LOC	OAL	ITEM #	LIST PRICE
1/64	1/8	0.023	1-1/2	TC10601	24.34
1/32	1/8	1/16	1-1/2	TC10602	14.99
3/64	1/8	3/32	1-1/2	TC10603	14.99
1/16	1/8	1/8	1-1/2	TC10604	11.22
5/64	1/8	1/8	1-1/2	TC10605	18.97
3/32	1/8	3/16	1-1/2	TC10606	11.22
1/8	1/8	1/4	1-1/2	TC10608	10.71
5/32	3/16	5/16	2	TC10610	17.84
3/16	3/16	3/8	2	TC10612	16.75
7/32	1/4	7/16	2	TC10614	22.51
1/4	1/4	1/2	2	TC10616	19.75
5/16	5/16	1/2	2	TC10620	26.68
3/8	3/8	5/8	2	TC10624	34.43
7/16	7/16	5/8	2-1/2	TC10628	42.96
1/2	1/2	5/8	2-1/2	TC10632	54.25
5/8	5/8	3/4	3	TC10640	114.85
3/4	3/4	1	3	TC10648	160.77
1	1	1-1/4	3-1/2	TC10664	264.95

DIA	SHANK	LOC	OAL	ITEM #	LIST PRICE
1/64	1/8	0.023	1-1/2	TC10901	30.42
1/32	1/8	1/16	1-1/2	TC10902	19.43
3/64	1/8	3/32	1-1/2	TC10903	19.43
1/16	1/8	1/8	1-1/2	TC10904	14.64
5/64	1/8	1/8	1-1/2	TC10905	23.72
3/32	1/8	3/16	1-1/2	TC10906	14.64
1/8	1/8	1/4	1-1/2	TC10908	13.98
5/32	3/16	5/16	2	TC10910	22.04
3/16	3/16	3/8	2	TC10912	20.76
7/32	1/4	7/16	2	TC10914	27.93
1/4	1/4	1/2	2	TC10916	24.54
5/16	5/16	1/2	2	TC10920	34.70
3/8	3/8	5/8	2	TC10924	42.65
7/16	7/16	5/8	2-1/2	TC10928	53.32
1/2	1/2	5/8	2-1/2	TC10932	67.57
5/8	5/8	3/4	3	TC10940	135.73
3/4	3/4	1	3	TC10948	198.94
1	1	1-1/4	3-1/2	TC10964	330.40

## 4 FLUTE - STUB LENGTH - BALL NOSE - 30° HELIX



**SERIES 107**  
UNCOATED



**SERIES 117**  
ALTiN COATED

DIA	SHANK	LOC	OAL	ITEM #	LIST PRICE
1/64	1/8	0.023	1-1/2	TC10701	30.38
1/32	1/8	1/16	1-1/2	TC10702	19.51
3/64	1/8	3/32	1-1/2	TC10703	19.51
1/16	1/8	1/8	1-1/2	TC10704	14.68
5/64	1/8	1/8	1-1/2	TC10705	23.76
3/32	1/8	3/16	1-1/2	TC10706	14.68
1/8	1/8	1/4	1-1/2	TC10708	13.90
5/32	3/16	5/16	2	TC10710	23.17
3/16	3/16	3/8	2	TC10712	21.73
7/32	1/4	7/16	2	TC10714	29.21
1/4	1/4	1/2	2	TC10716	27.77
5/16	5/16	1/2	2	TC10720	34.62
3/8	3/8	5/8	2	TC10724	44.71
7/16	7/16	5/8	2-1/2	TC10728	55.93
1/2	1/2	5/8	2-1/2	TC10732	70.46
5/8	5/8	3/4	3	TC10740	134.56
3/4	3/4	1	3	TC10748	204.59
1	1	1-1/4	3-1/2	TC10764	316.90

DIA	SHANK	LOC	OAL	ITEM #	LIST PRICE
1/64	1/8	0.023	1-1/2	TC11701	37.97
1/32	1/8	1/16	1-1/2	TC11702	24.97
3/64	1/8	3/32	1-1/2	TC11703	24.97
1/16	1/8	1/8	1-1/2	TC11704	18.77
5/64	1/8	1/8	1-1/2	TC11705	29.68
3/32	1/8	3/16	1-1/2	TC11706	18.77
1/8	1/8	1/4	1-1/2	TC11708	17.84
5/32	3/16	5/16	2	TC11710	29.68
3/16	3/16	3/8	2	TC11712	27.81
7/32	1/4	7/16	2	TC11714	37.39
1/4	1/4	1/2	2	TC11716	36.03
5/16	5/16	1/2	2	TC11720	44.32
3/8	3/8	5/8	2	TC11724	54.53
7/16	7/16	5/8	2-1/2	TC11728	68.20
1/2	1/2	5/8	2-1/2	TC11732	90.16
5/8	5/8	3/4	3	TC11740	164.75
3/4	3/4	1	3	TC11748	261.88
1	1	1-1/4	3-1/2	TC11764	389.63

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

TOLERANCES	DIAMETER	SHANK	RADIUS
1/64" - 1/2"	+0.00, -0.02	-0.001, -0.004 ISO H6	+0.01, -0.01
5/8" - 1"	+0.00, -0.03	-0.001, -0.004 ISO H6	+0.01, -0.01