

Carbide End Mills

YOUR #1 SOURCE FOR AMERICAN-MADE PREMIUM CUTTING TOOLS



FOR ALUMINUM
2 FLUTE - LONG LENGTH - SQUARE END - 45° HELIX



SERIES 632
UNCOATED

DIA	SHANK	LOC	OAL	ITEM #	LIST PRICE
1/8	1/8	3/4	2-1/4	TC63208	36.83
3/16	3/16	3/4	2-1/2	TC63212	42.46
1/4	1/4	1-1/4	3	TC63216	59.85
5/16	5/16	1-3/8	3	TC63220	77.49
3/8	3/8	1-1/2	4	TC63224	97.06
1/2	1/2	2	4	TC63232	135.99
5/8	5/8	2-3/8	5	TC63240	281.98
3/4	3/4	2-1/2	5	TC63248	309.85
1	1	2-1/4	5	TC63264	509.33



SERIES 633
ZRN COATED

DIA	SHANK	LOC	OAL	ITEM #	LIST PRICE
1/8	1/8	3/4	2-1/4	TC63308	46.02
3/16	3/16	3/4	2-1/2	TC63312	53.08
1/4	1/4	1-1/4	3	TC63316	72.34
5/16	5/16	1-3/8	3	TC63320	98.41
3/8	3/8	1-1/2	4	TC63324	117.39
1/2	1/2	2	4	TC63332	164.90
5/8	5/8	2-3/8	5	TC63340	358.88
3/4	3/4	2-1/2	5	TC63348	387.86
1	1	2-1/4	5	TC63364	610.74

FOR ALUMINUM
2 FLUTE - LONG LENGTH - R_c CORNER RADIUS - 45° HELIX



SERIES 653
ZRN COATED

DIA	SHANK	LOC	OAL	RAD	ITEM #	LIST PRICE
1/8	1/8	3/4	2-1/4	0.010	TC65308	55.22
3/16	3/16	3/4	2-1/2	0.010	TC65312	63.69
1/4	1/4	1-1/4	3	0.020	TC65316	80.77
5/16	5/16	1-3/8	3	0.020	TC65320	109.85
3/8	3/8	1-1/2	4	0.020	TC65324	131.08
1/2	1/2	2	4	0.040	TC65332	184.13
5/8	5/8	2-3/8	5	0.040	TC65340	383.26
3/4	3/4	2-1/2	5	0.040	TC65348	414.20
1	1	2-1/4	5	0.040	TC65364	652.27

These 2 flute end mills are designed specifically for high speed machining in aluminum. This tool will plunge, slot and profile in all non-ferrous materials. Our ZRN coating allows for higher speed rates and prolonged tool life and does not have an affinity for aluminum.

Works well in all non-ferrous materials as well as brass and bronze applications

For coating information see page 6. For technical information, please see pages 226-227.

TOLERANCES	DIAMETER	SHANK	RADIUS
1/8" - 1/2"	+0.001, -0.002	-0.001, -0.004 ISO H6	+0.001, -0.001
5/8" - 1"	+0.000, -0.003	-0.001, -0.004 ISO H6	+0.001, -0.001