

# Carbide End Mills

YOUR #1 SOURCE FOR AMERICAN-MADE PREMIUM CUTTING TOOLS



MADE IN THE U.S.A.

## VI-PRO

VARIABLE INDEX GEOMETRY

4 FLUTE - LONG LENGTH •  CORNER RADIUS

SERIES V42LR  
ALCRO-MAX COATED

VI-PRO DIAMETER	*** TOOL ATTRIBUTES ***					ROUND SHANK		WELDON FLAT	
	SHANK	LOC	OAL	# OF FLUTES	RAD	ITEM#	LIST PRICE	ITEM#	LIST PRICE
1/4	1/4	1-1/8	3	4	0.015	TC23820	57.44	-	-
1/4	1/4	1-1/8	3	4	0.030	TC23823	57.44	-	-
5/16	5/16	1-1/8	3	4	0.015	TC23826	78.25	-	-
5/16	5/16	1-1/8	3	4	0.030	TC23829	78.25	-	-
3/8	3/8	1-1/4	3	4	0.030	TC23832	103.55	-	-
3/8	3/8	1-1/4	3	4	0.060	TC23835	103.55	-	-
7/16	7/16	2	4	4	0.030	TC23836	133.00	-	-
7/16	7/16	2	4	4	0.060	TC23837	133.00	-	-
1/2	1/2	1-1/2	4	4	0.030	TC23838	145.75	TC23905	151.15
1/2	1/2	1-1/2	4	4	0.060	TC23841	145.75	TC23908	151.15
1/2	1/2	2	4	4	0.030	TC23844	160.65	TC23911	166.04
1/2	1/2	2	4	4	0.060	TC23847	160.65	TC23914	166.04
5/8	5/8	2-1/4	5	4	0.030	TC23850	291.07	TC23917	296.47
5/8	5/8	2-1/4	5	4	0.060	TC23853	291.07	TC23920	296.47
3/4	3/4	2-1/4	5	4	0.030	TC23856	366.54	TC23923	373.56
3/4	3/4	2-1/4	5	4	0.060	TC23859	366.54	TC23926	373.56
1	1	2-1/4	5	4	0.030	TC23862	571.57	TC23929	576.97
1	1	2-1/4	5	4	0.060	TC23865	571.57	TC23932	576.97



*PVD coatings increase cutting tool performance*

The VI-PRO performs very well in a wide range of materials including:

HIGH TEMP ALLOYS • STAINLESS STEELS • ALLOY STEELS • INCONEL  
CAST IRON • HIGH TEMP NICKEL BASE ALLOYS • TITANIUM ALLOYS • EXOTICS

For coating information see page 6. For VI-PRO technical information, please see pages 215-217.

TOLERANCES	DIAMETER	SHANK	RADIUS
1/4" - 1/2"	+0.000, -0.002	-0.0001, -0.0004 ISO H6	+0.001, -0.001
5/8" - 1"	+0.000, -0.003	-0.0001, -0.0004 ISO H6	+0.001, -0.001

VI-PRO - 4 FLUTE

VI-PRO - 5 FLUTE

VI-PRO - 6 FLUTE

THREAD MILLS