

# Carbide End Mills

YOUR #1 SOURCE FOR AMERICAN-MADE PREMIUM CUTTING TOOLS



## VI-PRO

VARIABLE INDEX GEOMETRY

4 FLUTE - STUB LENGTH -  CORNER RADIUS

  
CORNER RADIUS

SERIES V42SR  
ALCRO-MAX COATED

VI-PRO DIAMETER	*** TOOL ATTRIBUTES ***					ROUND SHANK		WELDON FLAT	
	SHANK	LOC	OAL	# OF FLUTES	RAD	ITEM#	LIST PRICE	ITEM#	LIST PRICE
1/8	1/8	1/4	1-1/2	4	0.008	TC21503	31.13	-	-
3/16	3/16	3/8	2	4	0.008	TC21506	38.87	-	-
1/4	1/4	3/8	2	4	0.015	TC21509	45.82	-	-
5/16	5/16	7/16	2	4	0.015	TC21512	61.68	-	-
3/8	3/8	1/2	2	4	0.015	TC21515	67.88	-	-
7/16	7/16	5/8	2-1/2	4	0.030	TC21517	86.99	-	-
1/2	1/2	5/8	2-1/2	4	0.030	TC21518	103.77	TC21541	109.17
5/8	5/8	3/4	3	4	0.030	TC21521	195.61	TC21544	201.01
3/4	3/4	1	3	4	0.030	TC21524	255.13	TC21547	260.53



All TITAN USA tools are 100% Made in the USA

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
1/8" - 1/2"	+0.000, -0.002	-0.0001, -0.0004 ISO H6	+0.001, -0.001
5/8" - 3/4"	+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