



# HY-PRO® CARB VGX

High Performance Variable Geometry End Mills

## List VG441

HY-PRO® CARB VGX SQ



SPEED FEED 1386

CARBIDE

TiAlN

4 FLUTE

35°



SHANK h6

STUB

REG

LONG

EXTRA LONG

PACKED 1 PIECE



Cutting Diameter Tolerance	
1/8" ≤ D ≤ 1"	+0 / -0.002"

ABOUT OSG

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EDP Number		Diameter		Length of Cut	Overall Length	Shank Diameter	Weldon Flat
		D (Fractional Size)	Lc (Inch)	L (Inch)	d (Inch)		
VG441-1250	●	1/8	0.375	1.500	0.125	-	
VG441-1875	●	3/16	0.438	2.000	0.188	-	
VG441-2500	●	1/4	0.438	2.500	0.250	-	
VG441-2501	●	1/4	0.750	2.500	0.250	-	
VG441-2502	●	1/4	1.250	3.250	0.250	-	
VG441-3125	●	5/16	0.813	2.500	0.313	-	
VG441-3126	●	5/16	1.250	3.250	0.313	-	
VG441-3127	●	5/16	1.625	4.000	0.313	-	
VG441-3750	●	3/8	0.500	2.500	0.375	-	
VG441-3752	●	3/8	0.500	2.500	0.375	●	
VG441-3751	●	3/8	0.875	2.500	0.375	-	
VG441-3753	●	3/8	0.875	2.500	0.375	●	
VG441-3754	●	3/8	1.500	4.000	0.375	-	
VG441-3755	●	3/8	1.500	4.000	0.375	●	
VG441-3756	●	3/8	2.500	4.000	0.375	-	
VG441-3757	●	3/8	2.500	4.000	0.375	●	
VG441-4375	●	7/16	1.000	2.750	0.438	-	
VG441-4376	●	7/16	1.000	2.750	0.438	●	
VG441-5000	●	1/2	0.625	2.500	0.500	●	
VG441-5007	●	1/2	0.625	2.500	0.500	-	
VG441-5001	●	1/2	1.000	3.000	0.500	●	
VG441-5008	●	1/2	1.000	3.000	0.500	-	
VG441-5002	●	1/2	1.250	3.500	0.500	●	
VG441-5009	●	1/2	1.250	3.500	0.500	-	
VG441-5003	●	1/2	1.500	4.000	0.500	●	
VG441-5010	●	1/2	1.500	4.000	0.500	-	
VG441-5004	●	1/2	2.000	4.000	0.500	●	
VG441-5011	●	1/2	2.000	4.000	0.500	-	
VG441-5005	●	1/2	2.500	4.000	0.500	●	
VG441-5012	●	1/2	2.500	4.000	0.500	-	
VG441-5006	●	1/2	3.000	5.000	0.500	●	
VG441-5013	●	1/2	3.000	5.000	0.500	-	
VG441-6250	●	5/8	0.750	3.000	0.625	●	
VG441-6255	●	5/8	0.750	3.000	0.625	-	
VG441-6251	●	5/8	1.250	3.500	0.625	●	
VG441-6256	●	5/8	1.250	3.500	0.625	-	
VG441-6252	●	5/8	1.625	5.000	0.625	●	
VG441-6257	●	5/8	1.625	5.000	0.625	-	
VG441-6253	●	5/8	2.250	5.000	0.625	●	
VG441-6258	●	5/8	2.250	5.000	0.625	-	
VG441-6254	●	5/8	3.000	6.000	0.625	●	
VG441-6259	●	5/8	3.000	6.000	0.625	-	
VG441-7500	●	3/4	0.875	3.500	0.750	●	
VG441-7506	●	3/4	0.875	3.500	0.750	-	
VG441-7501	●	3/4	1.500	4.000	0.750	●	
VG441-7507	●	3/4	1.500	4.000	0.750	-	
VG441-7502	●	3/4	1.625	4.000	0.750	●	
VG441-7508	●	3/4	1.625	4.000	0.750	-	
VG441-7503	●	3/4	2.250	5.000	0.750	●	
VG441-7509	●	3/4	2.250	5.000	0.750	-	
VG441-7504	●	3/4	3.000	6.000	0.750	●	
VG441-7510	●	3/4	3.000	6.000	0.750	-	
VG441-7505	●	3/4	4.000	6.250	0.750	●	

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked





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1386

CARBIDE

TiAlN



35°



SHANK  
h6

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1 PIECE

EDP Number	Diameter	Length of Cut	Overall Length	Shank Diameter	Weldon Flat	
						D (Fractional Size)
VG441-7511	●	3/4	4.000	6.250	0.750	-
VG441-1000	●	1	1.500	4.000	1.000	●
VG441-1005	●	1	1.500	4.000	1.000	-
VG441-1001	●	1	2.000	5.000	1.000	●
VG441-1006	●	1	2.000	5.000	1.000	-
VG441-1002	●	1	2.500	5.000	1.000	●
VG441-1007	●	1	2.500	5.000	1.000	-
VG441-1003	●	1	3.000	6.000	1.000	●
VG441-1008	●	1	3.000	6.000	1.000	-
VG441-1004	●	1	4.000	7.000	1.000	●
VG441-1009	●	1	4.000	7.000	1.000	-

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P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel	300	400	17-4 PH		Aluminum		Nickel Alloy	Titanium				
Low	Medium	High							6061	Casting			Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC
1010	1035	1065	4140	4340				7075								
○	○	○	○	○	○	○	○			○	○	○	○	○	○	

○ Good ○ Best

