

HY-PRO® CARB VGM7-NIK

High Performance Variable Geometry Nicked End Mills

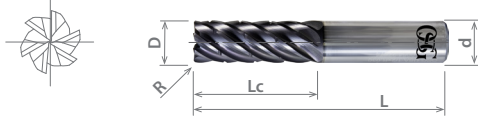
List VGM7-NIK

HY-PRO® CARB VGM7

SPEED FEED 35	CARBIDE	EXO	7 FLUTE	36°				SHANK h6	STUB	REG
------------------	---------	-----	---------	-----	--	--	--	-------------	------	-----

LONG	EXTRA LONG	PACKED 1 PIECE
------	------------	-------------------

Cutting Diameter Tolerance	
1/4" ≤ D ≤ 1"	+0 / -0.0015"



EDP Number		Diameter	Corner Radius	Length of Cut	Overall Length	Shank Diameter	L/D Ratio
		D (Fractional Size)	R (Inch)	Lc (Inch)	L (Inch)	d (Inch)	
VGM7-2009	●	1/4	-	0.750	2.500	0.250	3
VGM7-2010	○	1/4	0.020	0.750	2.500	0.250	3
VGM7-2011	○	1/4	0.030	0.750	2.500	0.250	3
VGM7-2012	○	1/4	0.060	0.750	2.500	0.250	3
VGM7-2013	○	1/4	-	1.000	3.000	0.250	4
VGM7-2014	○	1/4	0.020	1.000	3.000	0.250	4
VGM7-2015	○	1/4	0.030	1.000	3.000	0.250	4
VGM7-2016	○	1/4	0.060	1.000	3.000	0.250	4
VGM7-2017	○	1/4	-	1.250	3.000	0.250	5
VGM7-2018	○	1/4	0.020	1.250	3.000	0.250	5
VGM7-2019	○	1/4	0.030	1.250	3.000	0.250	5
VGM7-2020	○	1/4	0.060	1.250	3.000	0.250	5
VGM7-2021	○	1/4	-	1.500	3.000	0.250	6
VGM7-2022	○	1/4	0.020	1.500	3.000	0.250	6
VGM7-2023	○	1/4	0.030	1.500	3.000	0.250	6
VGM7-2024	○	1/4	0.060	1.500	3.000	0.250	6
VGM7-2033	○	5/16	-	0.938	3.000	0.313	3
VGM7-2034	○	5/16	0.020	0.938	3.000	0.313	3
VGM7-2035	○	5/16	0.030	0.938	3.000	0.313	3
VGM7-2036	○	5/16	0.060	0.938	3.000	0.313	3
VGM7-2037	○	5/16	-	1.250	3.000	0.313	4
VGM7-2038	○	5/16	0.020	1.250	3.000	0.313	4
VGM7-2039	○	5/16	0.030	1.250	3.000	0.313	4
VGM7-2040	○	5/16	0.060	1.250	3.000	0.313	4
VGM7-2045	○	3/8	-	0.750	2.500	0.375	2
VGM7-2046	○	3/8	0.020	0.750	2.500	0.375	2
VGM7-2047	○	3/8	0.030	0.750	2.500	0.375	2
VGM7-2048	●	3/8	0.060	0.750	2.500	0.375	2
VGM7-2049	●	3/8	-	1.125	3.000	0.375	3
VGM7-2050	●	3/8	0.020	1.125	3.000	0.375	3
VGM7-2051	○	3/8	0.030	1.125	3.000	0.375	3
VGM7-2052	○	3/8	0.060	1.125	3.000	0.375	3
VGM7-2053	○	3/8	-	1.500	4.000	0.375	4
VGM7-2054	○	3/8	0.020	1.500	4.000	0.375	4
VGM7-2055	○	3/8	0.030	1.500	4.000	0.375	4
VGM7-2056	○	3/8	0.060	1.500	4.000	0.375	4
VGM7-2060	●	1/2	-	1.000	3.000	0.500	2
VGM7-2061	●	1/2	0.030	1.000	3.000	0.500	2
VGM7-2062	○	1/2	0.060	1.000	3.000	0.500	2
VGM7-2063	●	1/2	-	1.250	3.000	0.500	2.5
VGM7-2064	●	1/2	0.030	1.250	3.000	0.500	2.5
VGM7-2065	○	1/2	0.060	1.250	3.000	0.500	2.5
VGM7-2066	○	1/2	-	1.500	4.000	0.500	3
VGM7-2067	●	1/2	0.030	1.500	4.000	0.500	3
VGM7-2068	○	1/2	0.060	1.500	4.000	0.500	3
VGM7-2069	○	1/2	-	2.000	4.000	0.500	4
VGM7-2070	●	1/2	0.030	2.000	4.000	0.500	4
VGM7-2071	○	1/2	0.060	2.000	4.000	0.500	4
VGM7-2072	○	5/8	-	0.781	3.000	0.625	1.25
VGM7-2073	○	5/8	0.030	0.781	3.000	0.625	1.25
VGM7-2074	○	5/8	0.060	0.781	3.000	0.625	1.25
VGM7-2075	○	5/8	-	1.250	3.500	0.625	2
VGM7-2076	○	5/8	0.030	1.250	3.500	0.625	2
VGM7-2077	○	5/8	0.060	1.250	3.500	0.625	2
VGM7-2078	○	5/8	-	1.563	3.500	0.625	2.5
VGM7-2079	○	5/8	0.030	1.563	3.500	0.625	2.5
VGM7-2080	●	5/8	0.060	1.563	3.500	0.625	2.5
VGM7-2081	○	5/8	-	1.875	5.000	0.625	3
VGM7-2082	○	5/8	0.030	1.875	5.000	0.625	3
VGM7-2083	○	5/8	0.060	1.875	5.000	0.625	3

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



HY-PRO® CARB VGM7-NIK

High Performance Variable Geometry Nicked End Mills

List VGM7-NIK (Cont.)

HY-PRO® CARB VGM7

SPEED FEED 35	CARBIDE	EXO®	7 FLUTE	36°				SHANK h6	STUB	REG
								LONG	EXTRA LONG	PACKED 1 PIECE

EDP Number		Diameter	Corner Radius	Length of Cut	Overall Length	Shank Diameter	L/D Ratio
		D (Fractional Size)	R (Inch)	Lc (Inch)	L (Inch)	d (Inch)	
VGM7-2084	○	5/8	-	2.500	5.000	0.625	4
VGM7-2085	○	5/8	0.030	2.500	5.000	0.625	4
VGM7-2086	○	5/8	0.060	2.500	5.000	0.625	4
VGM7-2087	○	3/4	-	0.938	3.000	0.750	1.25
VGM7-2088	○	3/4	0.030	0.938	3.000	0.750	1.25
VGM7-2089	○	3/4	0.060	0.938	3.000	0.750	1.25
VGM7-2090	○	3/4	-	1.125	4.000	0.750	1.5
VGM7-2091	○	3/4	0.030	1.125	4.000	0.750	1.5
VGM7-2092	○	3/4	0.060	1.125	4.000	0.750	1.5
VGM7-2093	○	3/4	-	1.500	4.000	0.750	2
VGM7-2094	●	3/4	0.030	1.500	4.000	0.750	2
VGM7-2095	○	3/4	0.060	1.500	4.000	0.750	2
VGM7-2096	○	3/4	-	2.250	5.000	0.750	3
VGM7-2097	○	3/4	0.030	2.250	5.000	0.750	3
VGM7-2098	○	3/4	0.060	2.250	5.000	0.750	3
VGM7-2099	○	3/4	-	3.000	6.000	0.750	4
VGM7-2100	○	3/4	0.030	3.000	6.000	0.750	4
VGM7-2101	○	3/4	0.060	3.000	6.000	0.750	4
VGM7-2102	○	1	-	1.500	4.000	1.000	1.5
VGM7-2103	○	1	0.030	1.500	4.000	1.000	1.5
VGM7-2104	○	1	0.060	1.500	4.000	1.000	1.5
VGM7-2105	○	1	-	2.000	5.000	1.000	2
VGM7-2106	○	1	0.030	2.000	5.000	1.000	2
VGM7-2107	○	1	0.060	2.000	5.000	1.000	2
VGM7-2108	○	1	-	3.000	6.000	1.000	3
VGM7-2109	○	1	0.030	3.000	6.000	1.000	3
VGM7-2110	○	1	0.060	3.000	6.000	1.000	3

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



P					M			K	N		S		H				
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel				
Carbon Steel			Alloy Steel	Die Steel					Aluminum	Nickel Alloy	Titanium						
Low	Medium	High			300	400	17-4 PH					6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC
1010	1035	1065	4140	4340	○	○	○	○			○	○	○	○	○	○	○
1018	1045				○	○	○	○			○	○	○	○	○	○	○

○ Good ○ Best

