



- ▶ Helix changes along flutes.
- ▶ Increased stability during cutting action.
- ▶ Substantial increases in speed.
- ▶ Small corner radius for added strength and smoother cutting action.
- ▶ AlTiN coated for improved tool life and increased production output.
- ▶ 3/8" and larger available with shank flat
- ▶ Made from premium submicron grain carbide.

Tolerance $\pm .000/- .002$



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Tolerance $\pm .000/- .002$

MVH SERIES - VARIABLE HELIX 4 FLUTES, ALL LENGTHS, WITH RADIUS



TOOL	EDP	RADIUS	LENGTH	SIZE	SHANK	LOC	OAL
VHMG-404	10813	.010-.015	STD	1/8	1/8	1/2	1-1-2
VHMGS-606	12375	.015-.020	STUB	3/16	3/16	3/8	1-1-2
VHMG-606	10981	.015-.020	STD	3/16	3/16	5/8	2
VHMGS-808	10003	.015-.020	STUB	1/4	1/4	1/2	2
VHMG-808	10005	.015-.020	STD	1/4	1/4	3/4	2-1-2
VHMG-808-L	10007	.015-.020	LONG	1/4	1/4	1-1-8	3
VHMGS-1010	10009	.015-.020	STUB	5/16	5/16	1/2	2
VHMG-1010	10011	.015-.020	STD	5/16	5/16	13/16	2-1-2
VHMG-1010-L	10013	.015-.020	LONG	5/16	5/16	1-1-8	3
VHMGS-1212	10015	.015-.020	STUB	3/8	3/8	5/8	2
VHMG-1212	10017	.015-.020	STD	3/8	3/8	1	2-1-2
VHMG-1212-L	10019	.015-.020	LONG	3/8	3/8	1-1-8	3
VHMG-1414	10021	.015-.020	STD	7/16	7/16	1	2-3-4
VHMGS-1616	10023	.025-.030	STUB	1/2	1/2	5/8	2-1-2
VHMG-1616	10025	.025-.030	STD	1/2	1/2	1	3
VHMG-1616-M	12371	.025-.030	MED	1/2	1/2	1-1-4	3
VHMG-1616-L	10027	.025-.030	LONG	1/2	1/2	2	4
VHMGS-2020	10029	.030-.035	STUB	5/8	5/8	3/4	3
VHMG-2020	10031	.030-.035	STD	5/8	5/8	1-1-4	3-1-2
VHMG-2020-L	10033	.030-.035	LONG	5/8	5/8	2-1-4	5
VHMGS-2424	10035	.030-.035	STUB	3/4	3/4	1	3
VHMG-2424	10037	.030-.035	STD	3/4	3/4	1-1-2	4
VHMG-2424-L	10039	.030-.035	LONG	3/4	3/4	2-1-4	5
VHMG-3232	10985	.030-.035	STD	1	1	1-1-2	4
VHMG-3232-L	13049	.030-.035	LONG	1	1	2-1-4	5
VHMG-4040	13051	.030-.035	STD	1-1-4	1-1-4	2-1-4	5

MVH+ SERIES - VARIABLE HELIX 4 FLUTES, ALL LENGTHS, WITH CHAMFER



TOOL	EDP	CHAMFER	LGTH	SIZE	SHANK	LOC	OAL
VXMG-404	13105	.011 x 45°	STD	1/8	1/8	1/2	1-1-2
VXMG-606	13106	.011 x 45°	STD	3/16	3/16	5/8	2
VXMGS-808	13107	.011 x 45°	STUB	1/4	1/4	1/2	2
VXMG-808	13108	.011 x 45°	STD	1/4	1/4	3/4	2-1-2
VXMG-1010	13109	.011 x 45°	STD	5/16	5/16	13/16	2-1-2
VXMGS-1212	13110	.011 x 45°	STUB	3/8	3/8	5/8	2
VXMG-1212	13111	.011 x 45°	STD	3/8	3/8	1	2-1-2
VXMGS-1616	13112	.011 x 45°	STUB	1/2	1/2	5/8	2-1-2
VXMG-1616	13113	.011 x 45°	STD	1/2	1/2	1	3
VXMGS-2020	13114	.022 x 45°	STUB	5/8	5/8	3/4	3
VXMG-2020	13115	.022 x 45°	STD	5/8	5/8	1-1-4	3-1-2
VXMGS-2424	13116	.022 x 45°	STUB	3/4	3/4	1	3
VXMG-2424	13117	.022 x 45°	STD	3/4	3/4	1-1-2	4
VXMG-3232	13118	.022 x 45°	STD	1	1	1-1-2	4

Both of these series are also available with nACo coating for use with hardened steel. Call for details.