

VMP5

5FL HIGH PERFORMANCE CARBIDE END MILL

**Difficult to
Machine Materials**

Titanium

Inconel

Nickel Alloys

Stainless steels

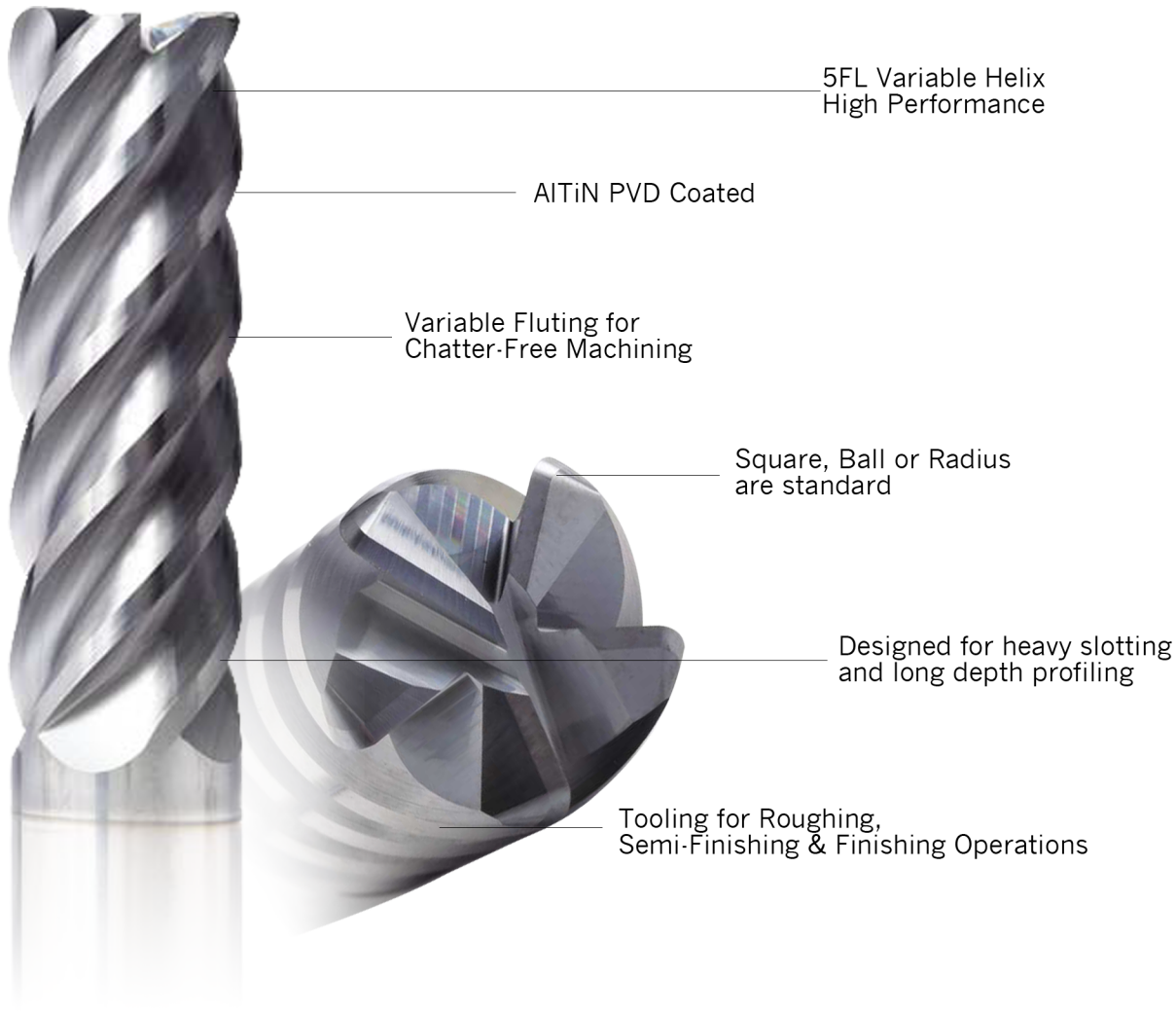
Rough and Finish Tool





5FL Solid Carbide Variable Helix

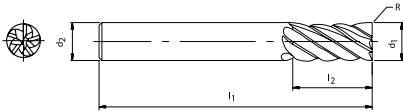
Effective in machining all ferrous materials up to 54 HRc.



Powerful, Precise, and Reliable Tools

MP Tool's new VMP-5 (solid carbide five-flute variable-helix end mill) provides a 20% gain in feed rate over VMP-5 flute tools. VMP-5 has a powerful design that offers users substantial improvements in tool life, and it serves as a multi-functional tool. By incorporating several new design features, VMP helps diminish vibration, allowing faster feed rates and improved surface finishes. VMP design allows for roughing and finishing in both peripheral and slotting operations in all types of ferrous materials.

Solid Carbide EndMill 5 Flute Variable Helix AlTiN Coated



Design Specs

- Standard performance carbide end mill
- AlTiN Coated - Other upon request
- Slotting/Side/Face/Profile Milling
- Special Steps/Lengths upon request
- Greater chip clearance

Application:

Ideal for Peripheral Finish Milling for Steel, Stainless Steel, Titanium & High Temp Alloys.

d_1 Diameter	d_2 Shank	L_2 LOC	L_1 OAL	Square EDP#	Coated Price	.015	.030	.060	.125	Coated Price	Ball EDP#	Coated Price
1/4	1/4	3/8	2"	32000C	\$20.88	32002C	32004C			\$25.06	32012C	\$25.06
1/4	1/4	3/4	2-1/2	32020C	\$24.48	32022C	32024C	32026C		\$29.38	32032C	\$29.38
1/4	1/4	1"	4"	32040C	\$31.87	32042C	32044C	32046C		\$38.24	32052C	\$38.24
5/16	5/16	13/16	2-1/2	32060C	\$28.87	32062C	32064C	32066C		\$34.64	32072C	\$34.64
3/8	3/8	1/2	2-1/2	32080C	\$30.37	32082C	32084C	32086C	32088C	\$36.44	32092C	\$36.44
3/8	3/8	1"	2-1/2	32100C	\$34.67	32102C	32104C	32106C	32108C	\$41.60	32112C	\$41.60
3/8	3/8	1-1/2	4"	32120C	\$51.85	32122C	32124C	32126C	32128C	\$62.22	32132C	\$62.22
1/2	1/2	5/8	2-1/2	32140C	\$49.06	32142C	32144C	32146C	32148C	\$58.87	32152C	\$58.87
1/2	1/2	1"	3"	32160C	\$54.85	32162C	32164C	32166C	32168C	\$65.82	32172C	\$65.82
1/2	1/2	1-3/4	4"	32180C	\$78.03	32182C	32184C	32186C	32188C	\$93.64	32192C	\$93.64
5/8	5/8	3/4	3-1/2	32200C	\$91.42	32202C	32204C	32206C	32208C	\$109.70	32212C	\$109.70
5/8	5/8	1-1/4	3-1/2	32220C	\$102.61	32222C	32224C	32226C	32228C	\$123.13	32232C	\$123.13
5/8	5/8	2-1/4	5"	32240C	\$141.37	32242C	32244C	32246C	32248C	\$169.64	32252C	\$169.64
3/4	3/4	7/8	4"	32260C	\$131.58	32262C	32264C	32266C	32268C	\$157.90	32272C	\$157.90
3/4	3/4	1-1/2	4"	32280C	\$142.07	32282C	32284C	32286C	32288C	\$170.48	32292C	\$170.48
3/4	3/4	2-1/2	6"	32300C	\$212.81	32302C	32304C	32306C	32308C	\$255.37	32312C	\$255.37
1"	1"	1-1/2	4"	32320C	\$212.61	32322C	32324C	32326C	32328C	\$255.13	32332C	\$255.13
1"	1"	2-1/2	6"	32340C	\$316.41	32342C	32344C	32346C	32348C	\$379.69	32352C	\$379.69

*Non-standard requirements are available upon request including length, chamfer and radius with different tolerances

Extended Neck Reach

Diameter	Shank	LOC	OAL	LBS	Neck	Square EDP#	Coated Price	RAD	Radius EDP#	Coated Price
3/8	3/8	1/2	4"	2-1/8	.355	32500C	\$60.54	.030	32504C	\$65.54
3/8	3/8	1/2	6"	3-3/8	.355	32520C	\$81.82	.030	32524C	\$86.82
1/2	1/2	5/8	4"	2-1/4	.475	32540C	\$92.31	.030	32544C	\$97.31
1/2	1/2	5/8	6"	3-3/8	.475	32560C	\$124.68	.030	32564C	\$129.68
1/2	1/2	5/8	8"	4-1/2	.475	32580C	\$161.65	.030	32584C	\$166.65
5/8	5/8	3/4	4"	2-3/8	.593	32600C	\$135.37	.030	32604C	\$140.37
5/8	5/8	3/4	6"	3-3/8	.593	32620C	\$182.63	.030	32624C	\$187.63
5/8	5/8	3/4	8"	4-1/2	.593	32640C	\$237.98	.030	32644C	\$243.98
3/4	3/4	1"	6"	3-3/8	.712	32660C	\$259.86	.030	32664C	\$264.86
3/4	3/4	1"	8"	4-1/2	.712	32680C	\$333.20	.030	32684C	\$338.20
3/4	3/4	1"	12"	7"	.712	32700C	\$451.19	.030	32704C	\$456.19
1"	1"	1-1/4	6"	3-3/8	.950	32720C	\$401.43	.030	32724C	\$406.43
1"	1"	1-1/4	8"	4-1/2	.950	32740C	\$515.73	.030	32744C	\$520.73
1"	1"	1-1/4	12"	7"	.950	32760C	\$711.35	.030	32764C	\$716.35

*Non-standard requirements are available upon request including length, chamfer and radius with different tolerances





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