

**NEW**

# **XTREME XPVS**

## **SUPERMILL'S Most Advanced Asymmetric Design Yet!**

New Xtreme XPVS Series carbide end mills for Steel, Steel Alloys, Stainless Steels and Hardened Steels. Engineered with variable index, variable helix and progressive rake angles.

This new design has been tested and proven to dampen harmonics, eliminate vibration and stop chatter.

They produce a quieter and smoother cut at increased speeds and feeds. With the Xtreme-XPVS series you can easily double your production with:

- Heavier Cuts (Less Passes)
- Shorter Cycle Times
- Greater tool life



# XTREME XPVS SERIES

4 Flute – Variable Index – Variable Helix – Progressive Rake Angles  
Premium Extra Fine Grain Carbide – Advanced Multi-layered Nano Coating

SIZE	Shank	LOC	OAL	RADIUS	EDP#
1/8	1/8	1/4	1-1/2		XPVS125S
1/8	1/8	1/4	1-1/2	.010	XPVS125S-010
1/8	1/8	1/2	1-1/2		XPVS125
1/8	1/8	1/2	1-1/2	.010	XPVS125-010
3/16	3/16	3/8	1-1/2		XPVS187S
3/16	3/16	3/8	1-1/2	.010	XPVS187S-010
3/16	3/16	3/8	1-1/2	.015	XPVS187S-015
3/16	3/16	3/8	1-1/2	.025	XPVS187S-025
3/16	3/16	9/16	2		XPVS187
3/16	3/16	9/16	2	.010	XPVS187-010
3/16	3/16	9/16	2	.015	XPVS187-015
3/16	3/16	9/16	2	.025	XPVS187-025
1/4	1/4	1/2	2		XPVS250S
1/4	1/4	1/2	2	.015	XPVS250S-015
1/4	1/4	1/2	2	.030	XPVS250S-030
1/4	1/4	1/2	2	.060	XPVS250S-060
1/4	1/4	3/4	2-1/2		XPVS250
1/4	1/4	3/4	2-1/2	.015	XPVS250-015
1/4	1/4	3/4	2-1/2	.030	XPVS250-030
1/4	1/4	3/4	2-1/2	.060	XPVS250-060
1/4	1/4	1-1/8	3		XPVS250L
1/4	1/4	1-1/8	3	.015	XPVS250L-015
1/4	1/4	1-1/8	3	.030	XPVS250L-030
1/4	1/4	1-1/8	3	.060	XPVS250L-060
5/16	5/16	1/2	2		XPVS312S
5/16	5/16	1/2	2	.015	XPVS312S-015
5/16	5/16	1/2	2	.030	XPVS312S-030
5/16	5/16	1/2	2	.060	XPVS312S-060
5/16	5/16	13/16	2-1/2		XPVS312
5/16	5/16	13/16	2-1/2	.015	XPVS312-015
5/16	5/16	13/16	2-1/2	.030	XPVS312-030
5/16	5/16	13/16	2-1/2	.060	XPVS312-060
5/16	5/16	1-1/8	3		XPVS312L
5/16	5/16	1-1/8	3	.015	XPVS312L-015
5/16	5/16	1-1/8	3	.030	XPVS312L-030
5/16	5/16	1-1/8	3	.060	XPVS312L-060

SIZE	Shank	LOC	OAL	RADIUS	EDP#
3/8	3/8	1/2	2		XPVS375S
3/8	3/8	1/2	2	.015	XPVS375S-015
3/8	3/8	1/2	2	.030	XPVS375S-030
3/8	3/8	1/2	2	.060	XPVS375S-060
3/8	3/8	7/8	2-1/2		XPVS375
3/8	3/8	7/8	2-1/2	.015	XPVS375-015
3/8	3/8	7/8	2-1/2	.030	XPVS375-030
3/8	3/8	7/8	2-1/2	.060	XPVS375-060
3/8	3/8	1-1/8	3		XPVS375L
3/8	3/8	1-1/8	3	.015	XPVS375L-015
3/8	3/8	1-1/8	3	.030	XPVS375L-030
3/8	3/8	1-1/8	3	.060	XPVS375L-060
3/8	3/8	1-1/2	4		XPVS375XL
3/8	3/8	1-1/2	4	.015	XPVS375XL-015
3/8	3/8	1-1/2	4	.030	XPVS375XL-030
3/8	3/8	1-1/2	4	.060	XPVS375XL-060
1/2	1/2	5/8	2-1/2		XPVS500S
1/2	1/2	5/8	2-1/2	.015	XPVS500S-015
1/2	1/2	5/8	2-1/2	.030	XPVS500S-030
1/2	1/2	5/8	2-1/2	.045	XPVS500S-045
1/2	1/2	5/8	2-1/2	.060	XPVS500S-060
1/2	1/2	5/8	2-1/2	.090	XPVS500S-090
1/2	1/2	5/8	2-1/2	.125	XPVS500S-125
1/2	1/2	1	3		XPVS500
1/2	1/2	1	3	.015	XPVS500-015
1/2	1/2	1	3	.030	XPVS500-030
1/2	1/2	1	3	.045	XPVS500-045
1/2	1/2	1	3	.060	XPVS500-060
1/2	1/2	1	3	.090	XPVS500-090
1/2	1/2	1	3	.125	XPVS500-125
1/2	1/2	1-1/4	3		XPVS500M
1/2	1/2	1-1/4	3	.015	XPVS500M-015
1/2	1/2	1-1/4	3	.030	XPVS500M-030
1/2	1/2	1-1/4	3	.045	XPVS500M-045
1/2	1/2	1-1/4	3	.060	XPVS500M-060
1/2	1/2	1-1/4	3	.090	XPVS500M-090