



Z-Pro PM VUPO offers improved tool life from using a high grade of powder high speed steel with a special coating. Improved chip evacuation and cutting resistance from a unique flute shape to produce excellent internal threads. The Z-Pro PM VUPO allows a longer projected length out of the holder for better application of cutting fluids. It is designed for use with water-soluble fluid where there is a good coolant supply.

Spiral Pointed Tap VUPO



For metric threads

Size	Class	EDP	Chamfer	L (inch)	ℓ (inch)	ℓ _n (inch)	ℓ _s (inch)	D _s (inch)	No. of flutes	Type
M2 X 0.4	D4	392645	5P	1.772	0.314	-	1.161	0.141	2	1
M2.2 X 0.45	D4	392646	5P	1.772	0.314	-	1.161	0.141	2	1
M2.3 X 0.4	D4	392647	5P	1.772	0.314	-	1.161	0.141	2	1
M2.5 X 0.45	D4	392648	5P	2.205	0.354	0.693	1.28	0.141	2	2
M2.6 X 0.45	D4	392649	5P	2.205	0.354	0.709	1.28	0.141	2	2
M3 X 0.5	D4	392615	5P	2.205	0.433	0.736	1.339	0.141	3	2
M3 X 0.35	D4	392644	5P	2.205	0.256	0.736	1.339	0.141	3	2
M4 X 0.7	D5	392617	5P	2.48	0.512	0.815	1.535	0.168	3	2
M4 X 0.5	D4	392643	5P	2.48	0.354	0.815	1.535	0.168	3	2
M5 X 0.8	D5	392619	5P	2.756	0.551	0.984	1.654	0.194	3	2
M5 X 0.5	D4	392642	5P	2.756	0.354	0.984	1.654	0.194	3	2
M6 X 1	D6	392620	5P	3.15	0.591	1.181	1.713	0.255	3	2
M6 X 0.75	D6	392641	5P	3.15	0.591	1.181	1.713	0.255	3	2
M6 X 0.5	D4	392635	5P	3.15	0.354	1.181	1.713	0.255	3	2
M8 X 1.25	D7	392623	5P	3.543	0.748	1.378	1.831	0.318	3	3
M8 X 1	D6	392622	5P	3.543	0.748	1.378	1.831	0.318	3	3
M10 X 1.5	D8	392625	5P	3.937	0.906	1.535	2.126	0.381	3	3
M10 X 1.25	D7	392624	5P	3.937	0.906	1.535	2.126	0.381	3	3
M10 X 1	D6	392601	5P	3.937	0.906	1.535	2.126	0.381	3	3
M12 X 1.75	D8	392627	5P	4.331	1.024	-	2.205	0.367	3	4
M12 X 1.5	D8	392650	5P	4.331	1.024	-	2.205	0.367	3	4
M12 X 1.25	D7	392626	5P	4.331	1.024	-	2.205	0.367	3	4
M14 X 2	D9	392629	5P	4.331	1.024	-	2.205	0.429	3	4
M14 X 1.5	D8	392628	5P	4.331	1.024	-	2.205	0.429	3	4
M16 X 2	D9	392631	5P	4.331	1.024	-	2.205	0.48	3	4
M16 X 1.5	D8	392630	5P	4.331	1.024	-	2.205	0.48	3	4
M18 X 2.5	D9	392633	5P	4.921	1.299	-	2.52	0.542	3	4
M18 X 1.5	D8	392632	5P	4.921	0.945	-	2.52	0.542	3	4
M20 X 2.5	D9	392636	5P	5.512	1.299	-	2.795	0.652	3	4
M20 X 1.5	D8	392637	5P	5.512	0.945	-	2.795	0.652	3	4
M22 X 2.5	D9	392638	5P	5.512	1.299	-	2.795	0.697	3	4
M22 X 1.5	D8	392639	5P	5.512	0.945	-	2.795	0.697	3	4
M24 X 3	D10	392640	5P	6.299	1.457	-	3.228	0.76	3	4
M24 X 1.5	D8	382651	5P	6.299	1.063	-	3.228	0.76	3	4