



Economical High Performance Taps

For Metric Threads

SP



*Z-PRO SP have a Bright Surface Finish

*AVAILABLE IN TIN AND TICN UPON REQUEST

Custom Blend High Vanadium HSS

The Z-PRO Series is designed for carbon steels, alloyed steels, irons, brass and free machining materials, including stainless steel that requires the most economical tool life. They are ideal for materials that produce stringy chips, such as steels, stainless steels and plastics.

Spiral Fluted taps are recommended for tapping blind holes where the chips are pulled out of the hole towards the tap shank instead of pushing them to the bottom of the hole.

Bottoming Style (2.5 threads chamfered)
DIN lengths with ANSI shank dimensions.

Z-PRO Series SP
Machine Screw Sizes
Fractional Sizes

TPI Nominal Size	No. of Flutes	Pitch Diameter Limit/ EDP Numbers				Dimensions		
		D3	D4	D5	D6	Length of Thread	Neck Length	Length Overall
M2 X 0.4	2	SS2.0E3NEB	—	—	—	.314	.382	1.772
M2.2 X 0.45	2	SS2.2F3NEB	—	—	—	.314	.382	1.772
M2.5 X 0.45	2	SS2.5F3NEB	—	—	—	.354	.693	2.205
M2.6 X 0.45*	2	SS2.6F3NEB	—	—	—	.354	.693	2.205
M3 X 0.5	3	SS3.0G3NEB	—	—	—	.433	.768	2.205
M3.5 X 0.6	3	—	SS3.5H4NEB	—	—	.433	.787	2.205
M4 X 0.7	3	—	SS4.0I4NEB	—	—	.512	.827	2.48
M5 X 0.8	3	—	SS5.0K4NEB	—	—	.591	.984	3.15
M6 X 1	3	—	—	SS6.0M5NEB	—	.591	1.181	3.15
M7 X 0.5*	3	—	SS7.0G4NEB	—	—	.394	1.315	3.543
M7 X 0.75*	3	—	SS7.0J4NEB	—	—	.748	1.315	3.543
M7 X 1	3	—	—	SS7.0M5NEB	—	.748	1.315	3.543
M8 X 0.5*	3	—	SS8.0G4NEB	—	—	.394	1.382	3.543
M8 X 0.75*	3	—	SS8.0J4NEB	—	—	.748	1.382	3.543
M8 X 1	3	—	—	SS8.0M5NEB	—	.748	1.382	3.543
M8 X 1.25	3	—	—	SS8.0N5NEB	—	.748	1.382	3.543
M9 X 1*	3	—	—	SS9.0M5NEB	—	.748	1.382	3.543
M9 X 1.25*	3	—	—	SS9.0N5NEB	—	.748	1.382	3.543
M10 X 0.75*	3	—	SS010J4NEB	—	—	.512	1.929	3.937
M10 X 1*	3	—	—	SS010M5NEB	—	.906	1.929	3.937
M10 X 1.25	3	—	—	SS010N5NEB	—	.906	1.929	3.937
M10 X 1.5	3	—	—	—	SS010O6NEB	.906	1.929	3.937
M11 X 1.5*	3	—	—	—	SS011O6NEB	.906	1.929	3.937
M12 X 1*	3	—	—	SS012M5NEB	—	1.024	2.126	4.331
M12 X 1.25	3	—	—	—	SS012N6NEB	1.024	2.126	4.331
M12 X 1.5*	3	—	—	—	SS012O6NEB	1.024	2.126	4.331
M 12 X 1.75	3	—	—	—	SS012P6NEB	1.024	2.126	4.331

*Semi Standard

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