



Z-PRO

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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.

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

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		
		D5	D6	D7	D8	D9	D10	D11	Length of Thread	Neck Length	Length Overall
M39 X 4	4	—	—	—	—	SS039U9NEB	—	—	2.047	3.858	7.874
M42 X 1*	4	SS042M5NEB	—	—	—	—	—	—	1.142	3.858	7.874
M42 X 1.5*	4	—	SS042O6NEB	—	—	—	—	—	1.142	3.858	7.874
M42 X 2	4	—	—	SS042Q7NEB	—	—	—	—	1.142	3.858	7.874
M42 X 4.5	4	—	—	—	—	—	SS042VONEB	—	2.323	3.858	7.874
M45 X 1*	4	SS045M5NEB	—	—	—	—	—	—	1.22	4.252	8.661
M45 X 1.5*	4	—	SS045O6NEB	—	—	—	—	—	1.22	4.252	8.661
M45 X 2*	4	—	—	SS045Q7NEB	—	—	—	—	1.22	4.252	8.661
M45 X 3	4	—	—	—	SS045S8NEB	—	—	—	2.323	4.252	8.661
M45 X 4.5	4	—	—	—	—	—	SS045VONEB	—	2.323	4.252	8.661
M48 X 1*	4	—	SS048M6NEB	—	—	—	—	—	1.22	4.803	9.843
M48 X 1.5*	4	—	—	SS048O7NEB	—	—	—	—	1.22	4.803	9.843
M48 X 2*	4	—	—	SS048Q7NEB	—	—	—	—	1.22	4.803	9.843
M48 X 3	4	—	—	—	—	SS048S9NEB	—	—	2.559	4.803	9.843
M48 X 5	4	—	—	—	—	—	SS048W-NEB	—	2.559	4.803	9.843

*Semi Standard