



Economical High Performance Taps

For Metric Threads

PO



*Z-PRO PO 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 Pointed taps are recommended for tapping through holes.

Plug Style (3 to 5 threads chamfered)
 DIN lengths with ANSI shank dimensions.

Z-PRO Series PO

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	—	—	—	—	PS039U9NEB	—	—	2.047	3.858	7.874
M42 X 1*	4	PS042M5NEB	—	—	—	—	—	—	1.142	3.858	7.874
M42 X 1.5*	4	—	PS042O6NEB	—	—	—	—	—	1.142	3.858	7.874
M42 X 2	4	—	—	PS042Q7NEB	—	—	—	—	1.142	3.858	7.874
M42 X 4.5	4	—	—	—	—	—	PS042VONEB	—	2.323	3.858	7.874
M45 X 1*	4	PS045M5NEB	—	—	—	—	—	—	1.22	4.252	8.661
M45 X 1.5*	4	—	PS045O6NEB	—	—	—	—	—	1.22	4.252	8.661
M45 X 2*	4	—	—	PS045Q7NEB	—	—	—	—	1.22	4.252	8.661
M45 X 3	4	—	—	—	PS045S8NEB	—	—	—	2.323	4.252	8.661
M45 X 4.5	4	—	—	—	—	—	PS045VONEB	—	2.323	4.252	8.661
M48 X 1*	4	—	PS048M6NEB	—	—	—	—	—	1.22	4.803	9.843
M48 X 1.5*	4	—	—	PS048O7NEB	—	—	—	—	1.22	4.803	9.843
M48 X 2*	4	—	—	PS048Q7NEB	—	—	—	—	1.22	4.803	9.843
M48 X 3	4	—	—	—	—	PS048S9NEB	—	—	2.559	4.803	9.843
M48 X 5	4	—	—	—	—	—	PS048W-NEB	—	2.559	4.803	9.843

*Semi Standard