

Z-PRO



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