

QUALITY CUTTING TOOLS SINCE 1918

www.taylortool.com





Quantum PM4 high performance taps

Pelow are the Quantum PM4 Taps we stock as standards. Quantum taps are manufactured with ANSI shanks & DIN 371/376 dimensions and competitively priced. We also stock PM4 Powdered Metal blanks from 1/4" to 1" Table 302A dimensions; available for 24 – 48 hour deliveries. Call us for all your threading needs.

Class 2B

Size	•	Spiral Flute #	Roll Form TiN #
#4-40 NC	44001	44002	44003
#6-32 NC	44021	44022	44023
#8-32 NC	44041	44042	44043
#10-24 NC	44051	44052	44053
#10-32 NF	44061	44062	44063
1/4"-20 NC	44071	44072	44073
1/4"-28 NF	44081	44082	44083
5/16"-18 NC	44091	44092	44093
5/16"-24 NF.	44101	44102	44103
3/8"-16 NC	44111	44112	44113
3/8"-24 NF	44121	44122	44123
7/16"-14 NC	44131	44132	44133
7/16"-20 NF.	44141	44142	44143
1/2"-13 NC	44151	44152	44153
1/2"-20 NF	44161	44162	44163
9/16"-12 NC	44171	44172	
9/16"-18 NF.	44181	44182	
5/8"-11 NC	44191	44192	44193
5/8"-18 NF	44201	44202	44203
3/4"-10 NC	44211	44212	44213
3/4"-16 NF	44221	44222	44223
7/8"-9 NC	44231	44232	
7/8"-14 NF	44241	44242	
1"-8 NC	44251	44252	
1"-12 NF	44261	44261	

Class 6H

Size	•	Spiral Flute #	
M4 x 0.7	44301	.44302	.44303
M5 x 0.8	44311	.44312	.44313
M6 x 1.0	44321	.44322	.44323
M8 x 1.25	44331	.44332	.44333
M10 x 1.5	44341	.44342	.44343
M12 x 1.5	44351	.44352	.44353
M12 x 1.75	44361	.44362	.44363
M14 x 1.5	44371	.44372	.44373
M14 x 2.0	44381	.44382	.44383
M16 x 2.0	44391	.44392	.44393
M18 x 1.5	44401	.44402	.44403
M20 x 2.5	44411	.44412	.44413
M24 x 3.0	44431	.44432	. 44433





Quantum-SFX

Quantum-SFX Spiral Flute Taps are designed to lift the chips from the hole in blind hole applications eliminating the chips damaging threads or causing the taps to break.

Quantum-RFX

increased lubricity and thread quality.

Quantum-RFX Roll Form Taps eliminate chip removal and allow for higher machining rates through the process of cold forming rather than thread cutting. Quantum RFX Roll Form Taps can be used in a wide range of Ductile Materials. The lube grooves act as a conduit for lubricating during tapping operations, especially beneficial in blind hole threading.

Quantum -RFX Roll Form Taps are TiN coated adding

Special Taps

Blueprint special taps
Special Acme/Trapezoidal
Thread forming
NPS or NPT
Imperial
Metric/ISO
Whitworth
Special Radius
Buttress
Coolant Fed
Combined drill and taps

Special Reamers

Blueprint special reamers
Special tolerance
End cut
Taper
Flute configuration
Imperial
Metric/ISO
Unique shank
Large diameter
Coolant Fed

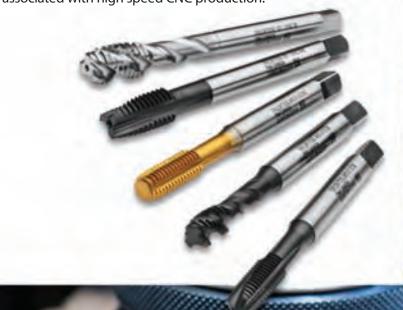
Special Dies

Blueprint special dies
Special Acme/Trapezoidal
NPS or NPT
Imperial
Metric/ISO
Whitworth
Special Radius
Round / Hexagon
Large diameter

Introducing "Quantum" PM4 High Performance Taps

Quantum Taps are manufactured from PM4 Powdered Metal and offer superior wear resistance and exceptional toughness for greater performance than regular High Speed Steel. Quantum Tap powder metallurgy and their unique geometry ensure consistent performance, superior thread quality and excellent tool life for lower costs; they are successful in materials up to 38RC hardness.

Quantum Taps have DIN Lengths with ANSI shanks and square, which gives a longer tap with CNC reduced neck design. This style enhances chip evacuation and cutting fluid reaching the threads for reduced friction, galling and heat buildup. The design also reduces contact between the tap and the work piece. Quantum Taps withstand high heat and the stress associated with high speed CNC production.



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