

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ_n	ℓ_s	Ds	K	ℓ_k

3

JIS

Spiral Fluted Taps
(for blind hole) ①

Spiral Fluted Taps
(for through hole) ②

Spiral Pointed Taps
(for through hole) ③

Hand Taps ④

Cemented Carbide Taps ⑤

Roll Taps ⑥

Special Thread Taps
Simple Inspection Tools ⑦

Pipe Taps ⑧

Thread Mills
Premium Thread Mills ⑨

Dies ⑩

Center Drills
Centering Tools ⑪

Precision Machinery/
Metal Surgical Instruments ⑫

JIS

③-32

+PO

Plus Series Spiral Pointed Taps



Specification

HSS



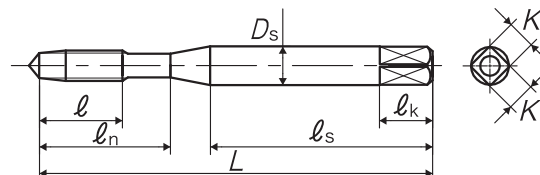
■ The +PO is a spiral pointed tap for through hole tapping and is suitable for synchronous feed processing in middle to high tapping speed.

Tapping Speeds depending on Materials

Medium carbon steels
中炭素鋼
10~15
(m/min)

High carbon steels
高炭素鋼
10~15
(m/min)

TYPE: 1



Segment : 1E

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ_n (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M3 × 0.5	P2	PNPQ3.0G	5P	46	9	14	26	4	3.2	6	3	1	¥ 1,260
M3.5 × 0.6	P2	PNPQ3.5H	5P	52	11	16	29	5	4	7	3	1	¥ 1,260
M4 × 0.7	P2	PNPQ4.0I	5P	52	11	17	29	5	4	7	3	1	¥ 1,260
M5 × 0.8	P2	PNPQ5.0K	5P	60	13	22	33	5.5	4.5	7	3	1	¥ 1,270
M6 × 1	P2	PNPQ6.0M	5P	62	15	26	33	6	4.5	7	3	1	¥ 1,400