

# ③ Spiral Pointed Tap Series for through hole

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ <sub>n</sub>	ℓ <sub>s</sub>	D <sub>s</sub>	K	ℓ <sub>k</sub>

JIS

①

Spiral Fluted Taps  
(for blind hole)

②

Spiral Fluted Taps  
(for through hole)

③

Spiral Pointed Taps  
(for through hole)

④

Hand Taps

⑤

Cemented  
Carbide Taps

⑥

Roll Taps

⑦

Special Thread Taps  
Simple Inspection Tools

⑧

Pipe Taps

⑨

Thread Mills  
Premium Thread Mills

⑩

Dies

⑪

Center Drills  
Centering Tools

⑫

Precision Machinery/  
Medical Surgical Instruments

JIS

## LS-PO V

Long Shank Spiral Pointed Taps, Coated



### Specification



■ Long shank coated spiral fluted taps for tapping threads in deep holes that cannot be reached with a standard overall length.

### Tapping Speeds depending on Materials

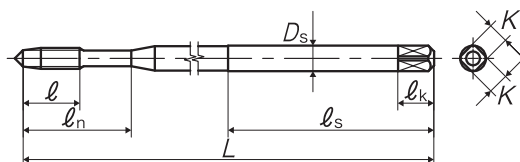
Low carbon steels  
低炭素鋼  
**10~20**  
(m/min)

Medium carbon steels  
中炭素鋼  
**10~20**  
(m/min)

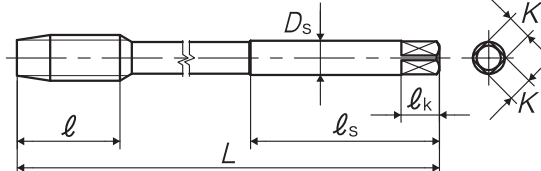
High carbon steels  
高炭素鋼  
**10~20**  
(m/min)

Alloy steels  
合金鋼  
**10~20**  
(m/min)

### TYPE: 1



### TYPE: 2



Segment : 1E

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ <sub>n</sub> (mm)	ℓ <sub>s</sub> (mm)	D <sub>s</sub> (mm)	K (mm)	ℓ <sub>k</sub> (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M3 × 0.5	P2	VPOFQ3.0GL10	5P	100	9	18	40	4	3.2	6	3	1	¥ 6,720
M4 × 0.7	P2	VPOFQ4.0IL10	5P	100	11	21	40	5	4	7	3	1	¥ 6,300
M5 × 0.8	P2	VPOFQ5.0KL10	5P	100	13	25	40	5.5	4.5	7	3	1	¥ 5,900
M6 × 1	P2	VPOFQ6.0ML10	5P	100	15	30	40	6	4.5	7	3	1	¥ 5,360
M6 × 1	P2	VPOFQ6.0ML15	5P	150	15	30	40	6	4.5	7	3	1	¥ 7,470 <sup>※</sup>
M8 × 1.25	P3	VPOR8.0NL10	5P	100	19	-	50	6.2	5	8	3	2	¥ 6,570
M8 × 1.25	P3	VPOR8.0NL15	5P	150	19	-	50	6.2	5	8	3	2	¥ 9,080
M10 × 1.5	P3	VPOR010OL15	5P	150	23	-	50	7	5.5	8	3	2	¥ 10,600
M10 × 1.25	P3	VPOR010NL15	5P	150	23	-	50	7	5.5	8	3	2	¥ 10,600 <sup>※</sup>
M12 × 1.75	P4	VPOS012PL15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 13,400
M12 × 1.5	P3	VPOR012OL15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 13,400 <sup>※</sup>
M12 × 1.25	P4	VPOS012NL15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 13,400 <sup>※</sup>

※ = Specified Distribution Items. Made to order products.

Think threads with  
**YAMAWA**