

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	ℓn	ℓs	Ds	K	ℓk

3

JIS

LS-PO

Long Shank Spiral Pointed Taps



Specification

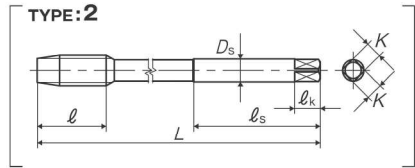
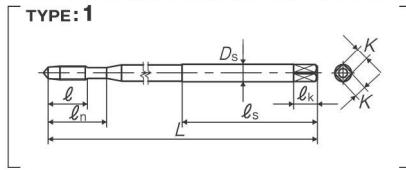


Recommended Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
5~10 (m/min)	5~10 (m/min)

For icon explanation, refer to icon-1

■ The LS-PO is a long shank spiral pointed tap for tapping through holes. It is suitable for deep hole thread processing.



○ Oversize
Segment : 1E

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M2 × 0.4	P2	POQ2.0EL07	5P	70	7.2	12	55	3	2.5	5	3	1	¥ 3,720*
M2.3 × 0.4	P2	POQ2.3EL07	5P	70	7.2	12	55	3	2.5	5	3	1	¥ 3,340*
M2.5 × 0.45	P2	POQ2.5FL07	5P	70	8.1	14	53	3	2.5	5	3	1	¥ 2,930*
M2.6 × 0.45	P2	POQ2.6FL07	5P	70	8.1	14	53	3	2.5	5	3	1	¥ 2,930*
M3 × 0.5	P2	POQ3.0GL07	5P	70	9	14	50	4	3.2	6	3	1	¥ 2,280*
M3 × 0.5	P2	POQ3.0GL10	5P	100	9	14	40	4	3.2	6	3	1	¥ 3,310
M3 × 0.5	P2	POQ3.0GL12	5P	120	9	14	40	4	3.2	6	3	1	¥ 3,970*
M3 × 0.5	P2	POQ3.0GL15	5P	150	9	14	40	4	3.2	6	3	1	¥ 6,240
M3 × 0.5	P3	POR3.0GL10	5P	100	9	14	40	4	3.2	6	3	1	¥ 3,310*
M3 × 0.5	P3	POR3.0GL15	5P	150	9	14	40	4	3.2	6	3	1	¥ 6,240*
M4 × 0.7	P2	POQ4.0IL07	5P	70	11	17	47	5	4	7	3	1	¥ 1,990*
M4 × 0.7	P2	POQ4.0IL10	5P	100	11	17	40	5	4	7	3	1	¥ 3,020*
M4 × 0.7	P2	POQ4.0IL12	5P	120	11	17	40	5	4	7	3	1	¥ 3,740*
M4 × 0.7	P2	POQ4.0IL15	5P	150	11	17	40	5	4	7	3	1	¥ 5,770*
M4 × 0.7	P3	POR4.0IL10	5P	100	11	17	40	5	4	7	3	1	¥ 3,020*
M4 × 0.7	P3	POR4.0IL15	5P	150	11	17	40	5	4	7	3	1	¥ 5,770*
M5 × 0.8	P2	POQ5.0KL10	5P	100	13	22	40	5.5	4.5	7	3	1	¥ 2,650*
M5 × 0.8	P2	POQ5.0KL12	5P	120	13	22	40	5.5	4.5	7	3	1	¥ 3,300*
M5 × 0.8	P2	POQ5.0KL15	5P	150	13	22	40	5.5	4.5	7	3	1	¥ 4,480*
M5 × 0.8	P3	POR5.0KL10	5P	100	13	22	40	5.5	4.5	7	3	1	¥ 2,650*
M5 × 0.8	P3	POR5.0KL15	5P	150	13	22	40	5.5	4.5	7	3	1	¥ 4,480*
M5 × 0.8	P4	POS5.0KL15	5P	150	13	22	40	5.5	4.5	7	3	1	¥ 4,480*
M6 × 1	P2	POQ6.0ML10	5P	100	15	26	40	6	4.5	7	3	1	¥ 2,260

JIS

3-48

* = Specified Distribution Items. Made to order products. For improvement, spec may change without advance notice.



3

JIS

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	ℓn	ℓs	Ds	K	ℓk

LS-PO Long Shank Spiral Pointed Taps

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M6 × 1	P2	POQ6.0ML12	5P	120	15	26	40	6	4.5	7	3	1	¥ 2,910*
M6 × 1	P2	POQ6.0ML15	5P	150	15	26	40	6	4.5	7	3	1	¥ 4,000
M6 × 1	P2	POQ6.0ML20	5P	200	15	26	40	6	4.5	7	3	1	¥ 5,530*
M6 × 1	P3	POR6.0ML10	5P	100	15	26	40	6	4.5	7	3	1	¥ 2,260*
M6 × 1	P3	POR6.0ML15	5P	150	15	26	40	6	4.5	7	3	1	¥ 4,000*
M6 × 1	P4	POS6.0ML15	5P	150	15	26	40	6	4.5	7	3	1	¥ 4,000*
M8 × 1.25	P3	POR8.0NL10	5P	100	19	-	50	6.2	5	8	3	2	¥ 2,930
M8 × 1.25	P3	POR8.0NL12	5P	120	19	-	50	6.2	5	8	3	2	¥ 3,630*
M8 × 1.25	P3	POR8.0NL15	5P	150	19	-	50	6.2	5	8	3	2	¥ 5,000
M8 × 1.25	P3	POR8.0NL20	5P	200	19	-	50	6.2	5	8	3	2	¥ 7,400*
M8 × 1.25	P4	POS8.0NL15	5P	150	19	-	50	6.2	5	8	3	2	¥ 5,000*
M8 × 1	P3	POR8.0ML10	5P	100	19	-	50	6.2	5	8	3	2	¥ 3,150*
M8 × 1	P3	POR8.0ML12	5P	120	19	-	50	6.2	5	8	3	2	¥ 4,090*
M8 × 1	P3	POR8.0ML15	5P	150	19	-	50	6.2	5	8	3	2	¥ 5,220*
M10 × 1.5	P3	POR0100L10	5P	100	23	-	50	7	5.5	8	3	2	¥ 3,560
M10 × 1.5	P3	POR0100L12	5P	120	23	-	50	7	5.5	8	3	2	¥ 4,220*
M10 × 1.5	P3	POR0100L15	5P	150	23	-	50	7	5.5	8	3	2	¥ 5,810*
M10 × 1.5	P3	POR0100L20	5P	200	23	-	50	7	5.5	8	3	2	¥ 8,080*
M10 × 1.5	P4	POS0100L15	5P	150	23	-	50	7	5.5	8	3	2	¥ 5,810*
M10 × 1.25	P3	POR010NL10	5P	100	23	-	50	7	5.5	8	3	2	¥ 3,560
M10 × 1.25	P3	POR010NL15	5P	150	23	-	50	7	5.5	8	3	2	¥ 5,810
M10 × 1.25	P3	POR010NL20	5P	200	23	-	50	7	5.5	8	3	2	¥ 8,080*
M10 × 1.25	P4	POS010NL15	5P	150	23	-	50	7	5.5	8	3	2	¥ 5,810*
M10 × 1	P3	POR010ML10	5P	100	23	-	50	7	5.5	8	3	2	¥ 3,850*
M10 × 1	P3	POR010ML12	5P	120	23	-	50	7	5.5	8	3	2	¥ 4,420*
M10 × 1	P3	POR010ML15	5P	150	23	-	50	7	5.5	8	3	2	¥ 6,560*
M12 × 1.75	P4	POS012PL10	5P	100	26	-	50	8.5	6.5	9	3	2	¥ 4,360*
M12 × 1.75	P4	POS012PL12	5P	120	26	-	50	8.5	6.5	9	3	2	¥ 5,060*
M12 × 1.75	P4	POS012PL15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 7,280
M12 × 1.75	P4	POS012PL20	5P	200	26	-	50	8.5	6.5	9	3	2	¥ 10,100
M12 × 1.75	P5	POT012PL15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 7,280*
M12 × 1.5	P3	POR0120L10	5P	100	26	-	50	8.5	6.5	9	3	2	¥ 4,360*
M12 × 1.5	P3	POR0120L12	5P	120	26	-	50	8.5	6.5	9	3	2	¥ 5,060*
M12 × 1.5	P3	POR0120L15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 7,280*
M12 × 1.5	P3	POR0120L20	5P	200	26	-	50	8.5	6.5	9	3	2	¥ 10,100*
M12 × 1.5	P4	POS0120L15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 7,280*
M12 × 1.25	P4	POS012NL10	5P	100	26	-	50	8.5	6.5	9	3	2	¥ 4,360*
M12 × 1.25	P4	POS012NL12	5P	120	26	-	50	8.5	6.5	9	3	2	¥ 5,060*
M12 × 1.25	P4	POS012NL15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 7,280*
M12 × 1.25	P4	POS012NL20	5P	200	26	-	50	8.5	6.5	9	3	2	¥ 10,100*
M12 × 1.25	P5	POT012NL15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 7,200*
M12 × 1	P3	POR012ML10	5P	100	26	-	50	8.5	6.5	9	3	2	¥ 5,300*
M12 × 1	P3	POR012ML15	5P	150	26	-	50	8.5	6.5	9	3	2	¥ 9,010*
M14 × 2	P4	POS0140L12	5P	120	26	-	60	10.5	8	11	3	2	¥ 6,670*
M14 × 2	P4	POS0140L15	5P	150	26	-	60	10.5	8	11	3	2	¥ 9,120
M14 × 2	P4	POS0140L20	5P	200	26	-	60	10.5	8	11	3	2	¥ 12,200*
M14 × 2	P5	POT0140L15	5P	150	26	-	60	10.5	8	11	3	2	¥ 9,120*
M14 × 1.5	P3	POR0140L12	5P	120	26	-	60	10.5	8	11	3	2	¥ 6,670*
M14 × 1.5	P3	POR0140L15	5P	150	26	-	60	10.5	8	11	3	2	¥ 9,120*

JIS

3-49



* = Specified Distribution Items. Made to order products. For improvement, spec may change without advance notice.

Table with dimensions: Overall length, Thread length, Thread + Neck length, Shank length, Shank dia., Size of square, Length of square. Labels: L, l, ln, ls, Ds, K, lk.

LS-PO Long Shank Spiral Pointed Taps

Main table for LS-PO Long Shank Spiral Pointed Taps. Columns include Size, Class, Code, Chamfer, L, l, ln, ls, Ds, K, lk, No. of flutes, TYPE, and MSRP.

3

JIS

Spiral Fluted Taps (for blind hole), Spiral Fluted Taps (for through hole), Hand Taps, Comenited Carbide Taps, Roll Taps, Special Thread Taps (Simple Inspection Tools), Pipe Taps, Thread Mills, Dies, Center Drills (Centering Tools)

3

JIS

Spiral Pointed Tap Series for through hole

LS-PO Long Shank Spiral Pointed Taps

Table with dimensions: Overall length, Thread length, Thread + Neck length, Shank length, Shank dia., Size of square, Length of square. Labels: L, l, ln, ls, Ds, K, lk.

Main table for LS-PO Long Shank Spiral Pointed Taps. Columns include Size, Class, Code, Chamfer, L, l, ln, ls, Ds, K, lk, No. of flutes, TYPE, and MSRP.

Spiral Fluted Taps (for blind hole), Spiral Fluted Taps (for through hole), Hand Taps, Comenited Carbide Taps, Roll Taps, Special Thread Taps (Simple Inspection Tools), Pipe Taps, Thread Mills, Dies, Center Drills (Centering Tools)

JIS

3-50

JIS

3-51



※ = Specified Distribution Items. Made to order products. For improvement, spec may change without advance notice.

※ = Specified Distribution Items. Made to order products. For improvement, spec may change without advance notice.