

1 Spiral Fluted Tap Series for blind 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

- 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



LS-SP

Long Shank Spiral Fluted Taps



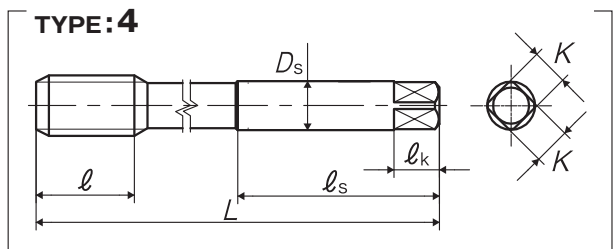
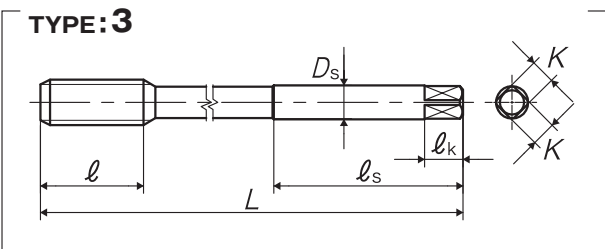
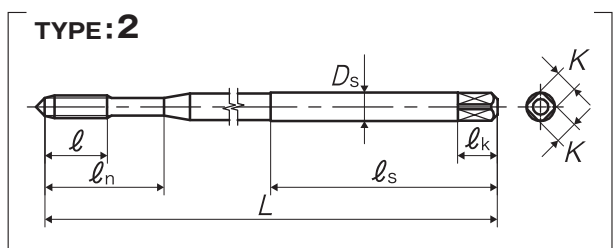
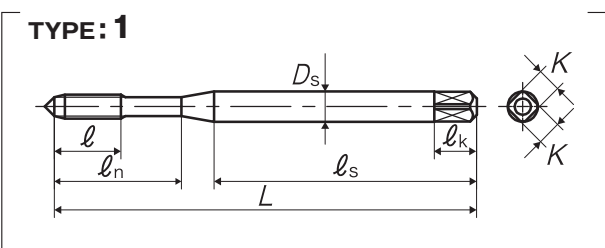
Specification



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

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)



Oversize
Segment : 1C

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	P1	SPFP2.0EL07	2.5P	70	7.2	15	52	3	2.5	5	2	1	¥ 4,630*
M2 × 0.4	P1	SPFP2.0EL10	2.5P	100	7.2	15	30	3	2.5	5	2	2	¥ 7,100*
M2.3 × 0.4	P1	SPFP2.3EL07	2.5P	70	7.2	15	52	3	2.5	5	2	1	¥ 4,170*
M2.3 × 0.4	P1	SPFP2.3EL10	2.5P	100	7.2	15	30	3	2.5	5	2	2	¥ 6,380*
M2.5 × 0.45	P1	SPFP2.5FL07	2.5P	70	8.1	15	52	3	2.5	5	2	1	¥ 3,650*
M2.5 × 0.45	P1	SPFP2.5FL10	2.5P	100	8.1	15	30	3	2.5	5	2	2	¥ 5,980*
M2.6 × 0.45	P1	SPFP2.6FL07	2.5P	70	8.1	15	52	3	2.5	5	2	1	¥ 3,650*
M2.6 × 0.45	P1	SPFP2.6FL10	2.5P	100	8.1	15	30	3	2.5	5	2	2	¥ 5,980*
M3 × 0.5	P1	SPFP3.0GL07	2.5P	70	9	18	46	4	3.2	6	3	1	¥ 2,840*
M3 × 0.5	P1	SPFP3.0GL10	2.5P	100	9	18	40	4	3.2	6	3	2	¥ 4,120
M3 × 0.5	P1	SPFP3.0GL12	2.5P	120	9	18	40	4	3.2	6	3	2	¥ 4,940*
M3 × 0.5	P1	SPFP3.0GL15	2.5P	150	9	18	40	4	3.2	6	3	2	¥ 7,770
M3 × 0.5	P2	SPFQ3.0GL10	2.5P	100	9	18	40	4	3.2	6	3	2	¥ 4,120*
M3 × 0.5	P2	SPFQ3.0GL15	2.5P	150	9	18	40	4	3.2	6	3	2	¥ 7,770*
M3 × 0.5	P3	SPFR3.0GL10	2.5P	100	9	18	40	4	3.2	6	3	2	¥ 4,120*
M3 × 0.5	P3	SPFR3.0GL15	2.5P	150	9	18	40	4	3.2	6	3	2	¥ 7,770*
M4 × 0.7	P2	SPFQ4.0IL07	2.5P	70	11	21	43	5	4	7	3	1	¥ 2,480*



* = Specified Distribution Items. Made to order products.

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓn	ℓs	Ds	K	ℓk

1

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

①-98

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M4 × 0.7	P2	SPFQ4.0IL10	2.5P	100	11	21	40	5	4	7	3	2	¥ 3,540
M4 × 0.7	P2	SPFQ4.0IL12	2.5P	120	11	21	40	5	4	7	3	2	¥ 4,660*
M4 × 0.7	P2	SPFQ4.0IL15	2.5P	150	11	21	40	5	4	7	3	2	¥ 7,180
M4 × 0.7	P3	SPFR4.0IL10	2.5P	100	11	21	40	5	4	7	3	2	¥ 3,770*
M4 × 0.7	P3	SPFR4.0IL15	2.5P	150	11	21	40	5	4	7	3	2	¥ 7,180*
M5 × 0.8	P2	SPFQ5.0KL07	2.5P	70	14	25	40	5.5	4.5	7	3	1	¥ 2,260*
M5 × 0.8	P2	SPFQ5.0KL10	2.5P	100	13	25	40	5.5	4.5	7	3	2	¥ 3,100
M5 × 0.8	P2	SPFQ5.0KL12	2.5P	120	13	25	40	5.5	4.5	7	3	2	¥ 4,110*
M5 × 0.8	P2	SPFQ5.0KL15	2.5P	150	13	25	40	5.5	4.5	7	3	2	¥ 5,580
M5 × 0.8	P3	SPFR5.0KL10	2.5P	100	13	25	40	5.5	4.5	7	3	2	¥ 3,300*
M5 × 0.8	P3	SPFR5.0KL15	2.5P	150	13	25	40	5.5	4.5	7	3	2	¥ 5,580*
M6 × 1	P2	SPFQ6.0ML10	2.5P	100	15	30	40	6	4.5	7	3	2	¥ 2,660
M6 × 1	P2	SPFQ6.0ML12	2.5P	120	15	30	40	6	4.5	7	3	2	¥ 3,630*
M6 × 1	P2	SPFQ6.0ML15	2.5P	150	15	30	40	6	4.5	7	3	2	¥ 4,980
M6 × 1	P2	SPFQ6.0ML20	2.5P	200	15	30	40	6	4.5	7	3	2	¥ 6,880*
M6 × 1	P3	SPFR6.0ML10	2.5P	100	15	30	40	6	4.5	7	3	2	¥ 2,820*
M6 × 1	P3	SPFR6.0ML15	2.5P	150	15	30	40	6	4.5	7	3	2	¥ 4,980*
M6 × 0.75	P2	SPFQ6.0JL10	2.5P	100	15	30	40	6	4.5	7	3	2	¥ 4,040*
M8 × 1.25	P2	SPQ8.0NL10	2.5P	100	19	-	50	6.2	5	8	3	3	¥ 3,430
M8 × 1.25	P2	SPQ8.0NL12	2.5P	120	19	-	50	6.2	5	8	3	3	¥ 4,520*
M8 × 1.25	P2	SPQ8.0NL15	2.5P	150	19	-	50	6.2	5	8	3	3	¥ 6,210
M8 × 1.25	P2	SPQ8.0NL20	2.5P	200	19	-	50	6.2	5	8	3	3	¥ 9,190*
M8 × 1.25	P3	SPR8.0NL10	2.5P	100	19	-	50	6.2	5	8	3	3	¥ 3,650*
M8 × 1.25	P3	SPR8.0NL15	2.5P	150	19	-	50	6.2	5	8	3	3	¥ 6,210*
M8 × 1	P2	SPQ8.0ML10	2.5P	100	19	-	50	6.2	5	8	3	3	¥ 3,930*
M8 × 1	P2	SPQ8.0ML12	2.5P	120	19	-	50	6.2	5	8	3	3	¥ 5,090*
M8 × 1	P2	SPQ8.0ML15	2.5P	150	19	-	50	6.2	5	8	3	3	¥ 6,490*
M8 × 0.75	P2	SPQ8.0JL10	2.5P	100	19	-	50	6.2	5	8	3	3	¥ 3,930*
M10 × 1.5	P2	SPQ010OL10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,420
M10 × 1.5	P2	SPQ010OL12	2.5P	120	23	-	50	7	5.5	8	3	3	¥ 5,250*
M10 × 1.5	P2	SPQ010OL15	2.5P	150	23	-	50	7	5.5	8	3	3	¥ 7,220
M10 × 1.5	P2	SPQ010OL20	2.5P	200	23	-	50	7	5.5	8	3	3	¥ 10,100*
M10 × 1.5	P3	SPR010OL10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,420*
M10 × 1.5	P3	SPR010OL15	2.5P	150	23	-	50	7	5.5	8	3	3	¥ 7,220*
M10 × 1.25	P2	SPQ010NL10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,420
M10 × 1.25	P2	SPQ010NL12	2.5P	120	23	-	50	7	5.5	8	3	3	¥ 5,250*
M10 × 1.25	P2	SPQ010NL15	2.5P	150	23	-	50	7	5.5	8	3	3	¥ 7,220
M10 × 1.25	P2	SPQ010NL20	2.5P	200	23	-	50	7	5.5	8	3	3	¥ 10,100*
M10 × 1.25	P3	SPR010NL10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,420*
M10 × 1	P2	SPQ010ML10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,780*
M10 × 1	P2	SPQ010ML12	2.5P	120	23	-	50	7	5.5	8	3	3	¥ 5,490*
M10 × 1	P2	SPQ010ML15	2.5P	150	23	-	50	7	5.5	8	3	3	¥ 8,150*
M10 × 0.75	P2	SPQ010JL15	2.5P	150	13	-	50	7	5.5	8	3	3	¥ 10,200*
M12 × 1.75	P2	SPQ012PL10	2.5P	100	26	-	50	8.5	6.5	9	3	3	¥ 5,420*
M12 × 1.75	P2	SPQ012PL12	2.5P	120	26	-	50	8.5	6.5	9	3	3	¥ 6,290*
M12 × 1.75	P2	SPQ012PL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 9,040
M12 × 1.75	P2	SPQ012PL20	2.5P	200	26	-	50	8.5	6.5	9	3	3	¥ 12,700
M12 × 1.75	P3	SPR012PL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 9,040*
M12 × 1.5	P2	SPQ012OL10	2.5P	100	26	-	50	8.5	6.5	9	3	3	¥ 5,420*
M12 × 1.5	P2	SPQ012OL12	2.5P	120	26	-	50	8.5	6.5	9	3	3	¥ 6,290*

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA

1 Spiral Fluted Tap Series for blind 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

JIS

LS-SP Long Shank Spiral Fluted Taps

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M12 × 1.5	P2	SPQ012OL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 9,040 ^{**}
M12 × 1.5	P2	SPQ012OL20	2.5P	200	26	-	50	8.5	6.5	9	3	3	¥ 12,700 ^{**}
M12 × 1.5	P3	SPR012OL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 9,040 ^{**}
M12 × 1.25	P2	SPQ012NL10	2.5P	100	26	-	50	8.5	6.5	9	3	3	¥ 5,420 ^{**}
M12 × 1.25	P2	SPQ012NL12	2.5P	120	26	-	50	8.5	6.5	9	3	3	¥ 6,290 ^{**}
M12 × 1.25	P2	SPQ012NL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 9,040
M12 × 1.25	P2	SPQ012NL20	2.5P	200	26	-	50	8.5	6.5	9	3	3	¥ 12,700 ^{**}
M12 × 1.25	P3	SPR012NL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 9,040 ^{**}
M12 × 1	P2	SPQ012ML10	2.5P	100	26	-	50	8.5	6.5	9	3	3	¥ 6,590 ^{**}
M12 × 1	P2	SPQ012ML12	2.5P	120	26	-	50	8.5	6.5	9	3	3	¥ 7,430 ^{**}
M12 × 1	P2	SPQ012ML15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 11,200 ^{**}
M14 × 2	P2	SPQ014QL12	2.5P	120	26	-	60	10.5	8	11	3	3	¥ 8,290 ^{**}
M14 × 2	P2	SPQ014QL15	2.5P	150	26	-	60	10.5	8	11	3	3	¥ 11,400
M14 × 2	P2	SPQ014QL20	2.5P	200	26	-	60	10.5	8	11	3	3	¥ 15,200
M14 × 2	P3	SPR014QL15	2.5P	150	26	-	60	10.5	8	11	3	3	¥ 11,400 ^{**}
M14 × 1.5	P2	SPQ014OL12	2.5P	120	26	-	60	10.5	8	11	3	3	¥ 8,290 ^{**}
M14 × 1.5	P2	SPQ014OL15	2.5P	150	26	-	60	10.5	8	11	3	3	¥ 11,400
M14 × 1.5	P2	SPQ014OL20	2.5P	200	26	-	60	10.5	8	11	3	3	¥ 15,200 ^{**}
M14 × 1.5	P3	SPR014OL15	2.5P	150	26	-	60	10.5	8	11	3	3	¥ 11,400 ^{**}
M16 × 2	P2	SPQ016QL15	2.5P	150	26	-	60	12.5	10	13	3	3	¥ 12,300
M16 × 2	P2	SPQ016QL20	2.5P	200	26	-	60	12.5	10	13	3	3	¥ 16,300
M16 × 2	P2	SPQ016QL25	2.5P	250	26	-	60	12.5	10	13	3	3	¥ 20,200 ^{**}
M16 × 2	P3	SPR016QL15	2.5P	150	26	-	60	12.5	10	13	3	3	¥ 12,300 ^{**}
M16 × 1.5	P2	SPQ016OL15	2.5P	150	26	-	60	12.5	10	13	3	3	¥ 12,300
M16 × 1.5	P2	SPQ016OL20	2.5P	200	26	-	60	12.5	10	13	3	3	¥ 16,300 ^{**}
M16 × 1.5	P3	SPR016OL15	2.5P	150	26	-	60	12.5	10	13	3	3	¥ 12,300 ^{**}
M18 × 2.5	P3	SPR018RL15	2.5P	150	33	-	70	14	11	14	4	3	¥ 16,900
M18 × 2.5	P3	SPR018RL20	2.5P	200	33	-	70	14	11	14	4	3	¥ 21,200 ^{**}
M18 × 2.5	P3	SPR018RL25	2.5P	250	33	-	70	14	11	14	4	3	¥ 25,900 ^{**}
M18 × 2.5	P4	SPS018RL15	2.5P	150	33	-	70	14	11	14	4	3	¥ 16,900 ^{**}
M18 × 2	P3	SPR018QL20	2.5P	200	33	-	70	14	11	14	4	3	¥ 21,200 ^{**}
M18 × 1.5	P2	SPQ018OL15	2.5P	150	33	-	70	14	11	14	4	3	¥ 16,900
M18 × 1.5	P2	SPQ018OL20	2.5P	200	33	-	70	14	11	14	4	3	¥ 21,200 ^{**}
M20 × 2.5	P3	SPR020RL15	2.5P	150	33	-	70	15	12	15	4	4	¥ 21,600
M20 × 2.5	P3	SPR020RL20	2.5P	200	33	-	70	15	12	15	4	4	¥ 27,000
M20 × 2.5	P3	SPR020RL25	2.5P	250	33	-	70	15	12	15	4	4	¥ 34,300 ^{**}
M20 × 2.5	P4	SPS020RL15	2.5P	150	33	-	70	15	12	15	4	4	¥ 21,600 ^{**}
M20 × 2	P3	SPR020QL20	2.5P	200	33	-	70	15	12	15	4	4	¥ 27,000 ^{**}
M20 × 1.5	P3	SPR020OL15	2.5P	150	33	-	70	15	12	15	4	4	¥ 21,600
M20 × 1.5	P3	SPR020OL20	2.5P	200	33	-	70	15	12	15	4	4	¥ 27,000 ^{**}
M22 × 2.5	P3	SPR022RL15	2.5P	150	33	-	70	17	13	16	4	4	¥ 24,100 ^{**}
M22 × 2.5	P3	SPR022RL20	2.5P	200	33	-	70	17	13	16	4	4	¥ 29,900 ^{**}
M22 × 2.5	P3	SPR022RL25	2.5P	250	33	-	70	17	13	16	4	4	¥ 36,800 ^{**}
M22 × 2.5	P4	SPS022RL15	2.5P	150	33	-	70	17	13	16	4	4	¥ 24,100 ^{**}
M22 × 2	P3	SPR022QL20	2.5P	200	33	-	70	17	13	16	4	4	¥ 29,900 ^{**}
M22 × 1.5	P3	SPR022OL15	2.5P	150	33	-	70	17	13	16	4	4	¥ 24,100
M22 × 1.5	P3	SPR022OL20	2.5P	200	33	-	70	17	13	16	4	4	¥ 29,900 ^{**}
M24 × 3	P3	SPR024SL15	2.5P	150	39	-	80	19	15	18	4	4	¥ 28,000
M24 × 3	P3	SPR024SL20	2.5P	200	39	-	80	19	15	18	4	4	¥ 33,600
M24 × 3	P3	SPR024SL25	2.5P	250	39	-	80	19	15	18	4	4	¥ 42,500 ^{**}

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^{**} = Specified Distribution Items. Made to order products.

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-SP Long Shank Spiral Fluted Taps

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M24 × 3	P4	SPS024SL15	2.5P	150	39	-	80	19	15	18	4	4	¥ 28,000*
M24 × 2	P3	SPR024QL20	2.5P	200	39	-	80	19	15	18	4	4	¥ 33,600*
M24 × 1.5	P3	SPR024OL15	2.5P	150	39	-	80	19	15	18	4	4	¥ 28,000
M24 × 1.5	P3	SPR024OL20	2.5P	200	39	-	80	19	15	18	4	4	¥ 33,600*
M27 × 3	P3	SPR027SL20	2.5P	200	39	-	80	20	15	18	4	4	¥ 37,600*
M27 × 3	P3	SPR027SL25	2.5P	250	39	-	80	20	15	18	4	4	¥ 48,700*
M27 × 2	P3	SPR027QL20	2.5P	200	39	-	80	20	15	18	4	4	¥ 37,600*
M27 × 2	P3	SPR027QL25	2.5P	250	39	-	80	20	15	18	4	4	¥ 48,700*
M27 × 1.5	P3	SPR027OL20	2.5P	200	39	-	80	20	15	18	4	4	¥ 37,600*
M27 × 1.5	P3	SPR027OL25	2.5P	250	39	-	80	20	15	18	4	4	¥ 48,700*
M30 × 3.5	P4	SPS030TL20	2.5P	200	46	-	80	23	17	20	4	4	¥ 48,300*
M30 × 3.5	P4	SPS030TL25	2.5P	250	46	-	80	23	17	20	4	4	¥ 61,200*
M30 × 3.5	P4	SPS030TL30	2.5P	300	46	-	80	23	17	20	4	4	¥ 70,400*
M30 × 3	P3	SPR030SL20	2.5P	200	46	-	80	23	17	20	4	4	¥ 48,300*
M30 × 3	P4	SPR030SL25	2.5P	250	46	-	80	23	17	20	4	4	¥ 61,200*
M30 × 2	P3	SPR030QL20	2.5P	200	46	-	80	23	17	20	4	4	¥ 48,300*
M30 × 2	P3	SPR030QL25	2.5P	250	46	-	80	23	17	20	4	4	¥ 61,200*
M30 × 1.5	P3	SPR030OL20	2.5P	200	46	-	80	23	17	20	4	4	¥ 48,300*
M30 × 1.5	P3	SPR030OL25	2.5P	250	46	-	80	23	17	20	4	4	¥ 61,200*
M30 × 1.5	P3	SPR030OL30	2.5P	300	46	-	80	23	17	20	4	4	¥ 70,400*
M33 × 3.5	P4	SPS033TL25	2.5P	250	51	-	80	25	19	22	4	4	¥ 70,200*
M33 × 3.5	P4	SPS033TL30	2.5P	300	51	-	80	25	19	22	4	4	¥ 80,900*
M36 × 4	P4	SPS036UL25	2.5P	250	57	-	100	28	21	24	4	4	¥ 72,900*
M36 × 4	P4	SPS036UL30	2.5P	300	57	-	100	28	21	24	4	4	¥ 84,500*
For Unified Threads													
1/4-20UNC	P2	SPFQU04NL10	2.5P	100	15	30	40	6	4.5	7	3	2	¥ 3,060*
1/4-20UNC	P2	SPFQU04NL15	2.5P	150	15	30	40	6	4.5	7	3	2	¥ 4,940*
1/4-28UNF	P2	SPFQU04KL10	2.5P	100	15	30	40	6	4.5	7	3	2	¥ 3,060*
1/4-28UNF	P2	SPFQU04KL15	2.5P	150	15	30	40	6	4.5	7	3	2	¥ 4,940*
5/16-18UNC	P2	SPQU05OL10	2.5P	100	19	-	50	6.2	5	8	3	3	¥ 3,710*
5/16-18UNC	P2	SPQU05OL15	2.5P	150	19	-	50	6.2	5	8	3	3	¥ 6,190*
5/16-24UNF	P2	SPQU05ML10	2.5P	100	19	-	50	6.2	5	8	3	3	¥ 3,710*
5/16-24UNF	P2	SPQU05ML15	2.5P	150	19	-	50	6.2	5	8	3	3	¥ 6,190*
3/8-16UNC	P2	SPQU06PL10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,520*
3/8-16UNC	P2	SPQU06PL15	2.5P	150	23	-	50	7	5.5	8	3	3	¥ 7,340*
3/8-16UNC	P2	SPQU06PL20	2.5P	200	23	-	50	7	5.5	8	3	3	¥ 10,700*
3/8-24UNF	P2	SPQU06ML10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,520*
3/8-24UNF	P2	SPQU06ML15	2.5P	150	23	-	50	7	5.5	8	3	3	¥ 7,340*
3/8-24UNF	P2	SPQU06ML20	2.5P	200	23	-	50	7	5.5	8	3	3	¥ 10,700*
7/16-14UNC	P3	SPRU07QL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 8,680*
7/16-20UNF	P2	SPQU07NL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 8,680*
1/2-13UNC	P3	SPRU08RL15	2.5P	150	26	-	60	10.5	8	11	3	3	¥ 9,190*
1/2-13UNC	P3	SPRU08RL20	2.5P	200	26	-	60	10.5	8	11	3	3	¥ 13,200*
1/2-20UNF	P2	SPQU08NL15	2.5P	150	26	-	60	10.5	8	11	3	3	¥ 9,190*
1/2-20UNF	P2	SPQU08NL20	2.5P	200	26	-	60	10.5	8	11	3	3	¥ 13,200*
5/8-11UNC	P3	SPRU10UL15	2.5P	150	26	-	60	12.5	10	13	3	3	¥ 12,700*
5/8-11UNC	P3	SPRU10UL20	2.5P	200	26	-	60	12.5	10	13	3	3	¥ 16,500*
5/8-18UNF	P2	SPQU10OL15	2.5P	150	26	-	60	12.5	10	13	3	3	¥ 12,700*
5/8-18UNF	P2	SPQU10OL20	2.5P	200	26	-	60	12.5	10	13	3	3	¥ 16,500*
3/4-10UNC	P3	SPRU12VL15	2.5P	150	33	-	70	15	12	15	4	4	¥ 22,000*

- 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/Metal Surgical Instruments

1 Spiral Fluted Tap Series for blind 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

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LS-SP Long Shank Spiral Fluted Taps

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
3/4-10UNC	P3	SPRU12VL20	2.5P	200	33	-	70	15	12	15	4	4	¥ 28,000*
3/4-16UNF	P3	SPRU12PL15	2.5P	150	33	-	70	15	12	15	4	4	¥ 22,000*
3/4-16UNF	P3	SPRU12PL20	2.5P	200	33	-	70	15	12	15	4	4	¥ 28,000*
7/8-9UNC	P3	SPRU14WL15	2.5P	150	33	-	70	17	13	16	4	4	¥ 24,500*
7/8-9UNC	P3	SPRU14WL20	2.5P	200	33	-	70	17	13	16	4	4	¥ 29,900*
7/8-14UNF	P3	SPRU14QL20	2.5P	200	33	-	70	17	13	16	4	4	¥ 29,900*
1 -8UNC	P3	SPRU16XL15	2.5P	150	39	-	80	19	15	18	4	4	¥ 28,700*
1 -8UNC	P3	SPRU16XL20	2.5P	200	39	-	80	19	15	18	4	4	¥ 35,700*
1 -12UNF	P3	SPRU16SL20	2.5P	200	39	-	80	19	15	18	4	4	¥ 35,700*
For Whitworth Threads													
1/4W20	P2	SPFQW04NL10	2.5P	100	15	30	40	6	4.5	7	3	2	¥ 3,060*
1/4W20	P2	SPFQW04NL15	2.5P	150	15	30	40	6	4.5	7	3	2	¥ 4,940*
5/16W18	P2	SPQW05OL10	2.5P	100	19	-	50	6.2	5	8	3	3	¥ 3,710*
5/16W18	P2	SPQW05OL15	2.5P	150	19	-	50	6.2	5	8	3	3	¥ 6,190*
3/8W16	P2	SPQW06PL10	2.5P	100	23	-	50	7	5.5	8	3	3	¥ 4,520*
3/8W16	P2	SPQW06PL15	2.5P	150	23	-	50	7	5.5	8	3	3	¥ 7,340*
3/8W16	P2	SPQW06PL20	2.5P	200	23	-	50	7	5.5	8	3	3	¥ 10,700*
7/16W14	P3	SPRW07QL15	2.5P	150	26	-	50	8.5	6.5	9	3	3	¥ 8,680*
1/2W12	P3	SPRW08SL15	2.5P	150	26	-	60	10.5	8	11	3	3	¥ 9,190*
1/2W12	P3	SPRW08SL20	2.5P	200	26	-	60	10.5	8	11	3	3	¥ 13,200*
5/8W11	P3	SPRW10UL15	2.5P	150	26	-	60	12.5	10	13	3	3	¥ 12,700*
5/8W11	P3	SPRW10UL20	2.5P	200	26	-	60	12.5	10	13	3	3	¥ 16,500*
3/4W10	P3	SPRW12VL15	2.5P	150	33	-	70	15	12	15	4	4	¥ 22,000*
3/4W10	P3	SPRW12VL20	2.5P	200	33	-	70	15	12	15	4	4	¥ 28,000*
7/8W9	P3	SPRW14WL15	2.5P	150	33	-	70	17	13	16	4	4	¥ 24,500*
7/8W9	P3	SPRW14WL20	2.5P	200	33	-	70	17	13	16	4	4	¥ 29,900*
1 W8	P3	SPRW16XL15	2.5P	150	39	-	80	19	15	18	4	4	¥ 28,700*
1 W8	P3	SPRW16XL20	2.5P	200	39	-	80	19	15	18	4	4	¥ 35,700*

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



* = Specified Distribution Items. Made to order products.