

Spiral Fluted Tap Series for blind hole

Overall length	Thread length	Tread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ _n	ℓ _s	D _s	K	ℓ _k

1

JIS

Spiral Fluted Taps (for blind hole)

Spiral Fluted Taps (for through hole)

Spiral Pointed Taps (for through hole)

Hand Taps

Cemented Carbide Taps

Roll Taps

Special Thread Taps (Simple Inspection Tools)

Pipe Taps

Thread Mills

Dies

Center Drills (Centering Tools)

JIS

1-54

Spiral Fluted Tap Series for blind hole

Overall length	Thread length	Tread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ _n	ℓ _s	D _s	K	ℓ _k

1

JIS

Spiral Fluted Taps (for blind hole)

Spiral Fluted Taps (for through hole)

Spiral Pointed Taps (for through hole)

Hand Taps

Cemented Carbide Taps

Roll Taps

Special Thread Taps (Simple Inspection Tools)

Pipe Taps

Thread Mills

Dies

Center Drills (Centering Tools)

JIS

1-55

SP LH Spiral Fluted Taps for Left Hand Threads

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ _n (mm)	ℓ _s (mm)	D _s (mm)	K (mm)	ℓ _k (mm)	No. of flutes	TYPE	MSRP
M18 × 2.5	P3	SPR018R-L	2.5P	100	33	-	51	14	11	14	4	2	¥ 10,300*
M18 × 1.5	P2	SPQ0180-L	2.5P	100	33	-	51	14	11	14	4	2	¥ 10,300*
M20 × 2.5	P3	SPR020R-L	2.5P	105	33	-	50	15	12	15	4	3	¥ 14,000*
M20 × 1.5	P3	SPR0200-L	2.5P	105	33	-	50	15	12	15	4	3	¥ 14,000*
M22 × 2.5	P3	SPR022R-L	2.5P	115	33	-	55	17	13	16	4	3	¥ 17,900*
M22 × 1.5	P3	SPR0220-L	2.5P	115	33	-	55	17	13	16	4	3	¥ 17,900*
M24 × 3	P3	SPR024S-L	2.5P	120	39	-	55	19	15	18	4	3	¥ 22,300*
M24 × 2	P3	SPR024Q-L	2.5P	120	39	-	55	19	15	18	4	3	¥ 22,300*
M24 × 1.5	P3	SPR0240-L	2.5P	120	39	-	55	19	15	18	4	3	¥ 22,300*
M27 × 3	P3	SPR027S-L	2.5P	130	39	-	60	20	15	18	4	3	¥ 31,500*
M27 × 1.5	P3	SPR0270-L	2.5P	130	39	-	60	20	15	18	4	3	¥ 31,500*
M30 × 3.5	P4	SPS030T-L	2.5P	135	46	-	62	23	17	20	4	3	¥ 40,200*
M30 × 2	P3	SPR030Q-L	2.5P	135	46	-	62	23	17	20	4	3	¥ 40,200*
M30 × 1.5	P3	SPR0300-L	2.5P	135	46	-	62	23	17	20	4	3	¥ 40,200*

For Unified Threads

1/4-20UNC	P2	SPQU04N-L	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,900*
1/4-28UNF	P2	SPQU04K-L	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,900*
5/16-18UNC	P2	SPQU050-L	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,680*
5/16-24UNF	P2	SPQU05M-L	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,680*
3/8-16UNC	P2	SPQU06P-L	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,440*
3/8-24UNF	P2	SPQU06M-L	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,440*
7/16-14UNC	P3	SPRU07Q-L	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,840*
7/16-20UNF	P2	SPQU07N-L	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,840*
1/2-13UNC	P3	SPRU08R-L	2.5P	88	26	-	45	10.5	8	11	3	2	¥ 5,140*
1/2-20UNF	P2	SPQU08N-L	2.5P	88	26	-	45	10.5	8	11	3	2	¥ 5,140*

For Whitworth Threads

1/4W20	P2	SPQW04N-L	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,900*
5/16W18	P2	SPQW050-L	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,680*
3/8W16	P2	SPQW06P-L	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,440*
7/16W14	P3	SPRW07Q-L	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,840*
1/2W12	P3	SPRW08S-L	2.5P	88	26	-	45	10.5	8	11	3	2	¥ 5,140*
5/8W11	P3	SPRW10U-L	2.5P	95	26	-	48	12.5	10	13	3	2	¥ 7,660*
3/4W10	P3	SPRW12V-L	2.5P	105	33	-	50	15	12	15	4	3	¥ 14,000*

SP LH

Spiral Fluted Taps for Left Hand Threads

Specification

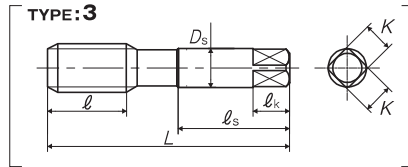
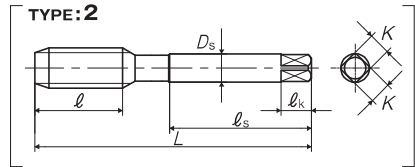
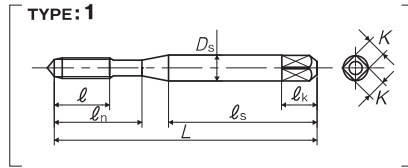


■ The SP LH is a spiral flute tap for tapping left hand thread blind holes.

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



Segment: 1C

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ _n (mm)	ℓ _s (mm)	D _s (mm)	K (mm)	ℓ _k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M2 × 0.4	P1	SPP2.0E-L	2.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,800*
M2.3 × 0.4	P1	SPP2.3E-L	2.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,550*
M2.5 × 0.45	P1	SPP2.5F-L	2.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,150*
M2.6 × 0.45	P1	SPP2.6F-L	2.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,150*
M3 × 0.5	P1	SPP3.0G-L	2.5P	46	9	14	26	4	3.2	6	3	1	¥ 1,500
M4 × 0.7	P2	SPQ4.0I-L	2.5P	52	11	17	29	5	4	7	3	1	¥ 1,500
M5 × 0.8	P2	SPQ5.0K-L	2.5P	60	13	22	33	5.5	4.5	7	3	1	¥ 1,510
M6 × 1	P2	SPQ6.0M-L	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,670
M7 × 1	P2	SPQ7.0M-L	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,030*
M8 × 1.25	P2	SPQ8.0N-L	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,330
M8 × 1	P2	SPQ8.0M-L	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,640*
M10 × 1.5	P2	SPQ0100-L	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,970
M10 × 1.25	P2	SPQ010N-L	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,970
M10 × 1	P2	SPQ010M-L	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,530*
M12 × 1.75	P2	SPQ012P-L	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,200
M12 × 1.5	P2	SPQ0120-L	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,200*
M12 × 1.25	P2	SPQ012N-L	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,200*
M12 × 1	P2	SPQ012M-L	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,940*
M14 × 2	P2	SPQ014Q-L	2.5P	88	26	-	45	10.5	8	11	3	2	¥ 5,740*
M14 × 1.5	P2	SPQ0140-L	2.5P	88	26	-	45	10.5	8	11	3	2	¥ 5,740*
M14 × 1	P2	SPQ014M-L	2.5P	88	26	-	45	10.5	8	11	3	2	¥ 6,660*
M16 × 2	P2	SPQ016Q-L	2.5P	95	26	-	48	12.5	10	13	3	2	¥ 7,660*
M16 × 1.5	P2	SPQ0160-L	2.5P	95	26	-	48	12.5	10	13	3	2	¥ 7,660*

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

Think threads with YAMAWA

Think threads with YAMAWA

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