

Overall length	Chamfer+ full thread	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ _t	ℓ	ℓ _n	ℓ _s	D _s	K	ℓ _k

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LS-F-SP

Long Shank Spiral Fluted Taps for High Speed Tapping



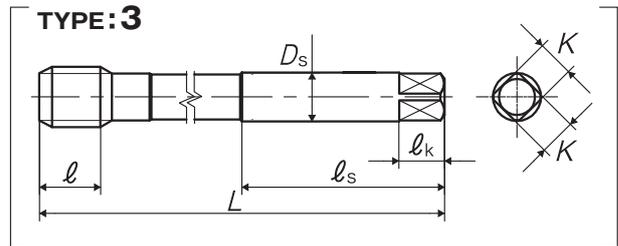
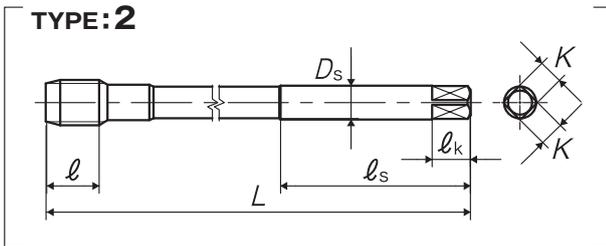
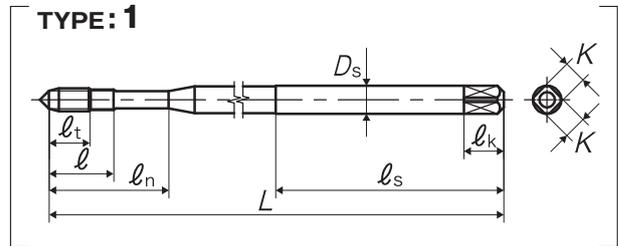
Specification



■ Long Shank spiral fluted Tap applicable for such high speed tapping as 15m/min to 25m/min. Under low tapping speed, poor chip shape and poor chip ejection may occur and cause tapping troubles.

Tapping Speeds depending on Materials

Low carbon steels 低碳素鋼	Medium carbon steels 中炭素鋼
15~25 (m/min)	15~25 (m/min)



Segment : 1C

Size	Class	Code	Chamfer	L (mm)	ℓ _t (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														
M3 × 0.5	P2	S43.0GQFEVES	2.5P	100	5	9	18	40	4	3.2	6	3	1	¥ 7,680*
M4 × 0.7	P2	S44.0IQFEVES	2.5P	100	7	11	21	40	5	4	7	3	1	¥ 7,300*
M5 × 0.8	P2	S45.0KQFEVES	2.5P	100	9	13	25	40	5.5	4.5	7	3	1	¥ 6,620*
M6 × 1	P2	S46.0MQFEVES	2.5P	100	11	15	30	40	6	4.5	7	3	1	¥ 5,990*
M8 × 1.25	P3	SY8.0NRFEVES	3P	100	-	12	-	50	6.2	5	8	3	2	¥ 7,300*
M10 × 1.5	P3	SY010ORFEVES	3P	100	-	13	-	50	7	5.5	8	3	2	¥ 9,510*
M10 × 1.5	P3	SY010ORFEVGS	3P	150	-	13	-	50	7	5.5	8	3	2	¥ 14,100*
M10 × 1.25	P3	SY010NRFEVES	3P	100	-	13	-	50	7	5.5	8	3	2	¥ 9,510*
M10 × 1.25	P3	SY010NRFEVGS	3P	150	-	13	-	50	7	5.5	8	3	2	¥ 14,100*
M12 × 1.75	P4	SY012PSFEVGS	3P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 17,200*
M12 × 1.5	P3	SY012ORFEVGS	3P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 17,200*
M12 × 1.25	P4	SY012NSFEVGS	3P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 17,200*
M14 × 2	P4	SY014QSFEVGS	3P	150	-	18	-	60	10.5	8	11	3	2	¥ 21,300*
M14 × 1.5	P3	SY014ORFEVGS	3P	150	-	14	-	60	10.5	8	11	3	2	¥ 21,300*
M16 × 2	P4	SY016QSFEVGS	3P	150	-	18	-	60	12.5	10	13	3	2	¥ 23,200*
M16 × 1.5	P3	SY016ORFEVGS	3P	150	-	14	-	60	12.5	10	13	3	2	¥ 23,200*
M18 × 2.5	P4	SY018RSFEVGS	3P	150	-	20	-	70	14	11	14	4	2	¥ 29,200*

* = Specified Distribution Items. Made to order products.

1 Spiral Fluted Tap Series for blind hole

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

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LS-F-SP Long Shank Spiral Fluted Taps for High Speed Tapping

Size	Class	Code	Chamfer	L (mm)	ℓt (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M18 × 1.5	P4	SY018OSFEVGS	3P	150	-	14	-	70	14	11	14	4	2	¥ 29,200*
M20 × 2.5	P4	SY020RSFEVGS	3P	150	-	20	-	70	15	12	15	4	3	¥ 36,200*
M20 × 1.5	P4	SY020OSFEVGS	3P	150	-	14	-	70	15	12	15	4	3	¥ 36,200*
M22 × 2.5	P4	SY022RSFEVGS	3P	150	-	20	-	70	17	13	16	4	3	¥ 42,000*
M22 × 1.5	P4	SY022OSFEVGS	3P	150	-	14	-	70	17	13	16	4	3	¥ 42,000*
M24 × 3	P4	SY024SSFVGS	3P	150	-	25	-	80	19	15	18	4	3	¥ 49,200*
M24 × 1.5	P4	SY024OSFEVGS	3P	150	-	18	-	80	19	15	18	4	3	¥ 49,200*
M27 × 3	P4	SY027SSFVKS	3P	200	-	25	-	80	20	15	18	4	3	¥ 74,800*
M30 × 3.5	P5	SY030TTFEVKS	3P	200	-	30	-	80	23	17	20	4	3	¥ 86,800*

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

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