

LS-F-SP

Long Shank Spiral Fluted Taps for High Speed Tapping



Specification



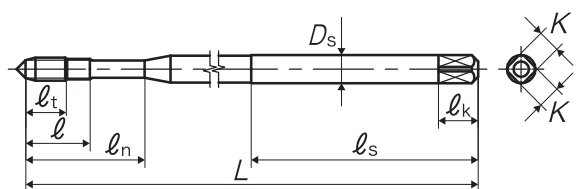
■ Long Shank spiral fluted Tap applicable for such high speed tapping as 15m/min to 25m/min. Under low tapping speed, poor chip shape and poor chip ejection may occur and cause tapping troubles.

Tapping Speeds depending on Materials

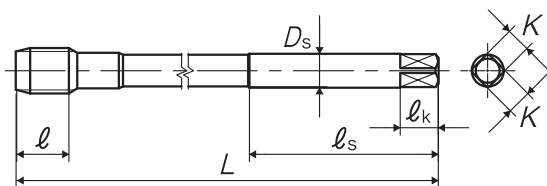
Low carbon steels
低炭素鋼
15~25
(m/min)

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

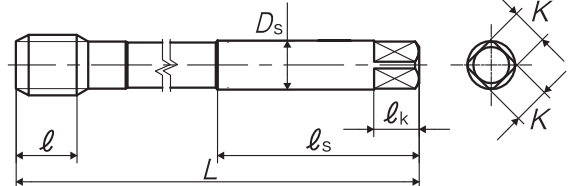
TYPE:1



TYPE:2



TYPE:3



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	¥ 6,400 *
M4 × 0.7	P2	S44.0IQFEVES	2.5P	100	7	11	21	40	5	4	7	3	1	¥ 6,080 *
M5 × 0.8	P2	S45.0KQFEVES	2.5P	100	9	13	25	40	5.5	4.5	7	3	1	¥ 5,510 *
M6 × 1	P2	S46.0MQFEVES	2.5P	100	11	15	30	40	6	4.5	7	3	1	¥ 4,990 *
M8 × 1.25	P3	SY8.0NRFEVES	3P	100	-	12	-	50	6.2	5	8	3	2	¥ 6,080 *
M10 × 1.5	P3	SY010ORFEVES	3P	100	-	13	-	50	7	5.5	8	3	2	¥ 7,920 *
M10 × 1.5	P3	SY010ORFEVGS	3P	150	-	13	-	50	7	5.5	8	3	2	¥ 11,700 *
M10 × 1.25	P3	SY010NRFEVES	3P	100	-	13	-	50	7	5.5	8	3	2	¥ 7,920 *
M10 × 1.25	P3	SY010NRFEVGS	3P	150	-	13	-	50	7	5.5	8	3	2	¥ 11,700 *
M12 × 1.75	P4	SY012PSFEVGS	3P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 14,300 *
M12 × 1.5	P3	SY012ORFEVGS	3P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 14,300 *
M12 × 1.25	P4	SY012NSFEVGS	3P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 14,300 *
M14 × 2	P4	SY014QSFEVGS	3P	150	-	18	-	60	10.5	8	11	3	2	¥ 17,700 *
M14 × 1.5	P3	SY014ORFEVGS	3P	150	-	14	-	60	10.5	8	11	3	2	¥ 17,700 *
M16 × 2	P4	SY016QSFEVGS	3P	150	-	18	-	60	12.5	10	13	3	2	¥ 19,300 *
M16 × 1.5	P3	SY016ORFEVGS	3P	150	-	14	-	60	12.5	10	13	3	2	¥ 19,300 *
M18 × 2.5	P4	SY018RSFEVGS	3P	150	-	20	-	70	14	11	14	4	2	¥ 24,300 *

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA

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

JIS

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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	¥ 24,300 ※
M20 × 2.5	P4	SY020RSFEVGS	3P	150	-	20	-	70	15	12	15	4	3	¥ 30,100 ※
M20 × 1.5	P4	SY020OSFEVGS	3P	150	-	14	-	70	15	12	15	4	3	¥ 30,100 ※
M22 × 2.5	P4	SY022RSFEVGS	3P	150	-	20	-	70	17	13	16	4	3	¥ 35,000 ※
M22 × 1.5	P4	SY022OSFEVGS	3P	150	-	14	-	70	17	13	16	4	3	¥ 35,000 ※
M24 × 3	P4	SY024SSFVGS	3P	150	-	25	-	80	19	15	18	4	3	¥ 41,000 ※
M24 × 1.5	P4	SY024OSFEVGS	3P	150	-	18	-	80	19	15	18	4	3	¥ 41,000 ※
M27 × 3	P4	SY027SSFVKS	3P	200	-	25	-	80	20	15	18	4	3	¥ 62,300 ※
M30 × 3.5	P5	SY030TTFEVKS	3P	200	-	30	-	80	23	17	20	4	3	¥ 72,300 ※

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

①-189



※ = Specified Distribution Items. Made to order products.