

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

2

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

②-34

LS-F-SL

Long Shank Spiral Fluted Taps for High Speed Tapping, Through Hole Use (with LH Spiral Flutes)
Specification

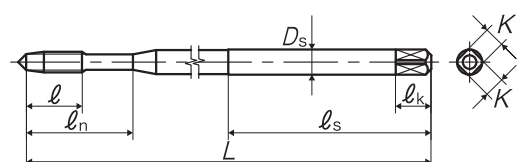


■ This is a long shank spiral fluted tap for tapping through holes at high-speeds of 15 m/min to 25 m/min. Using it at a low-speed will result in bad shape and ejection of chips, leading to trouble.

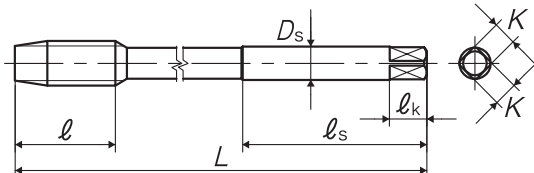
Tapping Speeds depending on Materials

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

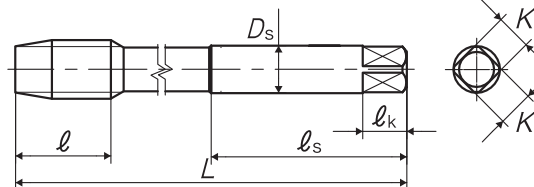
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1S

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													
M3 × 0.5	P2	L43.0GQFEVE	5P	100	9	18	40	4	3.2	6	3	1	¥ 7,680 **
M4 × 0.7	P2	L44.0IQFEVE	5P	100	11	21	40	5	4	7	3	1	¥ 7,300 **
M5 × 0.8	P2	L45.0KQFEVE	5P	100	13	25	40	5.5	4.5	7	3	1	¥ 6,620 **
M6 × 1	P2	L46.0MQFEVE	5P	100	15	30	40	6	4.5	7	3	1	¥ 5,990 **
M8 × 1.25	P3	LY8.0NRFEVE	5.5P	100	19	-	50	6.2	5	8	3	2	¥ 7,300 **
M10 × 1.5	P3	LY010ORFEVE	5.5P	100	23	-	50	7	5.5	8	3	2	¥ 9,510 **
M10 × 1.5	P3	LY010ORFEVG	5.5P	150	23	-	50	7	5.5	8	3	2	¥ 14,100 **
M10 × 1.25	P3	LY010NRFEVE	5.5P	100	23	-	50	7	5.5	8	3	2	¥ 9,510 **
M10 × 1.25	P3	LY010NRFEVG	5.5P	150	23	-	50	7	5.5	8	3	2	¥ 14,100 **
M12 × 1.75	P4	LY012PSFEVG	5.5P	150	26	-	50	8.5	6.5	9	3	2	¥ 17,200 **
M12 × 1.5	P3	LY012ORFEVG	5.5P	150	26	-	50	8.5	6.5	9	3	2	¥ 17,200 **
M12 × 1.25	P4	LY012NSFEVG	5.5P	150	26	-	50	8.5	6.5	9	3	2	¥ 17,200 **
M14 × 2	P4	LY014QSFEVG	5.5P	150	26	-	60	10.5	8	11	3	2	¥ 21,300 **
M14 × 1.5	P3	LY014ORFEVG	5.5P	150	26	-	60	10.5	8	11	3	2	¥ 21,300 **
M16 × 2	P4	LY016QSFEVG	5.5P	150	26	-	60	12.5	10	13	3	2	¥ 23,200 **
M16 × 1.5	P3	LY016ORFEVG	5.5P	150	26	-	60	12.5	10	13	3	2	¥ 23,200 **
M18 × 2.5	P4	LY018RSFEVG	5.5P	150	33	-	70	14	11	14	4	2	¥ 29,200 **
M18 × 1.5	P4	LY018OSFEVG	5.5P	150	33	-	70	14	11	14	4	2	¥ 29,200 **
M20 × 2.5	P4	LY020RSFEVG	5.5P	150	33	-	70	15	12	15	4	3	¥ 36,200 **
M20 × 1.5	P4	LY020OSFEVG	5.5P	150	33	-	70	15	12	15	4	3	¥ 36,200 **
M22 × 2.5	P4	LY022RSFEVG	5.5P	150	33	-	70	17	13	16	4	3	¥ 42,000 **
M22 × 1.5	P4	LY022OSFEVG	5.5P	150	33	-	70	17	13	16	4	3	¥ 42,000 **
M24 × 3	P4	LY024SSFEVG	5.5P	150	39	-	80	19	15	18	4	3	¥ 49,200 **
M24 × 1.5	P4	LY024OSFEVG	5.5P	150	39	-	80	19	15	18	4	3	¥ 49,200 **
M27 × 3	P4	LY027SSFEVK	5.5P	200	39	-	80	20	15	18	4	3	¥ 74,800 **
M30 × 3.5	P5	LY030TTFEVK	5.5P	200	46	-	80	23	17	20	4	3	¥ 86,800 **

** = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA