

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	Ds	K	ℓ_k

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

1-124

LS-SU-S-SP

Long Shank Spiral Fluted Taps for Stainless Steels, Deep Hole Use



Specification

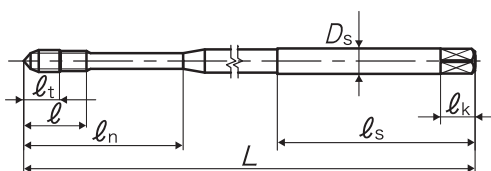


■LS-SU-S-SP is the long shank short spiral fluted tap for stainless steels suitable for stainless steels tending to work-harden and sticky, as well as chrome steels and molybdenum steels. Blind hole use. Deeper hole tapping is attainable.

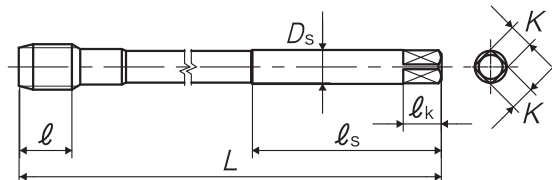
Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼	Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Stainless steels ステンレス鋼
5~10 (m/min)	5~10 (m/min)	5~10 (m/min)	5~10 (m/min)

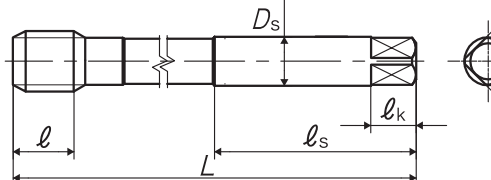
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1C

Size	Class	Code	Chamfer	L (mm)	ℓ_t (mm)	ℓ (mm)	ℓ_n (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads														
M3 × 0.5	P1	SY3.0GPGEXES	2.5P	100	5	9	28	40	4	3.2	6	2	1	¥ 4,160 **
M4 × 0.7	P2	SY4.0IQGEXES	2.5P	100	7	11	31	40	5	4	7	3	1	¥ 3,800 **
M4 × 0.7	P2	SY4.0IQGEXGS	2.5P	150	7	11	31	40	5	4	7	3	1	¥ 7,240 **
M5 × 0.8	P2	SY5.0KQGEXES	2.5P	100	9	13	38	40	5.5	4.5	7	3	1	¥ 3,330 **
M5 × 0.8	P2	SY5.0KQGEXGS	2.5P	150	9	13	38	40	5.5	4.5	7	3	1	¥ 5,630 **
M6 × 1	P2	SY6.0MQGEXES	2.5P	100	11	15	45	40	6	4.5	7	3	1	¥ 2,850 **
M6 × 1	P2	SY6.0MQGEXGS	2.5P	150	11	15	45	40	6	4.5	7	3	1	¥ 5,020 **
M8 × 1.25	P2	SY8.0NQGEXES	2.5P	100	-	12	-	50	6.2	5	8	3	2	¥ 3,620 **
M8 × 1.25	P2	SY8.0NQGEXGS	2.5P	150	-	12	-	50	6.2	5	8	3	2	¥ 6,160 **
M8 × 1.25	P2	SY8.0NQGEXKS	2.5P	200	-	12	-	50	6.2	5	8	3	2	¥ 9,110 **
M10 × 1.5	P2	SY0100QGEXES	2.5P	100	-	13	-	50	7	5.5	8	3	2	¥ 4,390 **
M10 × 1.5	P2	SY0100QGEXGS	2.5P	150	-	13	-	50	7	5.5	8	3	2	¥ 7,160 **
M10 × 1.5	P2	SY0100QGEXKS	2.5P	200	-	13	-	50	7	5.5	8	3	2	¥ 9,950 **
M10 × 1.25	P2	SY010NQGEXES	2.5P	100	-	13	-	50	7	5.5	8	3	2	¥ 4,390 **
M10 × 1.25	P2	SY010NQGEXGS	2.5P	150	-	13	-	50	7	5.5	8	3	2	¥ 7,160 **
M12 × 1.75	P2	SY012PQGEXES	2.5P	100	-	15	-	50	8.5	6.5	9	3	2	¥ 5,380 **

** = 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

LS-SU-S-SP Long Shank Spiral Fluted Taps for Stainless Steels, Deep Hole Use

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
M12 × 1.75	P2	SY012PQGEXGS	2.5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 8,960 ※
M12 × 1.75	P2	SY012PQGEXKS	2.5P	200	-	15	-	50	8.5	6.5	9	3	2	¥ 12,600 ※
M12 × 1.5	P2	SY012OQGEXGS	2.5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 8,960 ※
M12 × 1.5	P2	SY012OQGEXKS	2.5P	200	-	15	-	50	8.5	6.5	9	3	2	¥ 12,600 ※
M12 × 1.25	P2	SY012NQGEXGS	2.5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 8,960 ※
M12 × 1.25	P2	SY012NQGEXKS	2.5P	200	-	15	-	50	8.5	6.5	9	3	2	¥ 12,600 ※
M14 × 2	P2	SY014QQGEXGS	2.5P	150	-	18	-	60	10.5	8	11	3	2	¥ 11,300 ※
M14 × 1.5	P2	SY014OQGEXGS	2.5P	150	-	14	-	60	10.5	8	11	3	2	¥ 11,300 ※
M16 × 2	P2	SY016QQGEXGS	2.5P	150	-	18	-	60	12.5	10	13	3	2	¥ 12,200 ※
M16 × 2	P2	SY016QQGEXKS	2.5P	200	-	18	-	60	12.5	10	13	3	2	¥ 16,100 ※
M16 × 1.5	P2	SY016OQGEXGS	2.5P	150	-	14	-	60	12.5	10	13	3	2	¥ 12,200 ※
M16 × 1.5	P2	SY016OQGEXKS	2.5P	200	-	14	-	60	12.5	10	13	3	2	¥ 16,100 ※
M18 × 2.5	P3	SY018RRGEXGS	2.5P	150	-	20	-	70	14	11	14	4	2	¥ 16,700 ※
M18 × 2.5	P3	SY018RRGEXKS	2.5P	200	-	20	-	70	14	11	14	4	2	¥ 21,000 ※
M18 × 1.5	P2	SY018OQGEXGS	2.5P	150	-	14	-	70	14	11	14	4	2	¥ 16,700 ※
M18 × 1.5	P2	SY018OQGEXKS	2.5P	200	-	14	-	70	14	11	14	4	2	¥ 21,000 ※
M20 × 2.5	P3	SY020RRGEXGS	2.5P	150	-	20	-	70	15	12	15	4	3	¥ 21,400 ※
M20 × 2.5	P3	SY020RRGEXKS	2.5P	200	-	20	-	70	15	12	15	4	3	¥ 26,700 ※
M20 × 1.5	P3	SY020ORGEXGS	2.5P	150	-	14	-	70	15	12	15	4	3	¥ 21,400 ※
M20 × 1.5	P3	SY020ORGEXKS	2.5P	200	-	14	-	70	15	12	15	4	3	¥ 26,700 ※
M22 × 2.5	P3	SY022RRGEXGS	2.5P	150	-	20	-	70	17	13	16	4	3	¥ 23,900 ※
M22 × 2.5	P3	SY022RRGEXKS	2.5P	200	-	20	-	70	17	13	16	4	3	¥ 29,600 ※
M22 × 1.5	P3	SY022ORGEXGS	2.5P	150	-	14	-	70	17	13	16	4	3	¥ 23,900 ※
M22 × 1.5	P3	SY022ORGEXKS	2.5P	200	-	14	-	70	17	13	16	4	3	¥ 29,600 ※
M24 × 3	P3	SY024SRGEXGS	2.5P	150	-	25	-	80	19	15	18	4	3	¥ 27,800 ※
M24 × 3	P3	SY024SRGEXKS	2.5P	200	-	25	-	80	19	15	18	4	3	¥ 33,300 ※
M24 × 1.5	P3	SY024ORGEXGS	2.5P	150	-	18	-	80	19	15	18	4	3	¥ 27,800 ※
M24 × 1.5	P3	SY024ORGEXKS	2.5P	200	-	18	-	80	19	15	18	4	3	¥ 33,300 ※

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

①-125

Think threads with
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※ = Specified Distribution Items. Made to order products.