

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

1-136

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

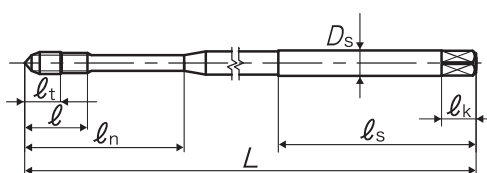
Low carbon steels
低炭素鋼
5~10
(m/min)

Medium carbon steels
中炭素鋼
5~10
(m/min)

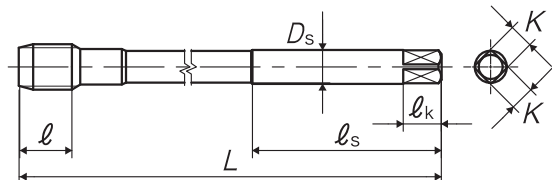
High carbon steels
高炭素鋼
5~10
(m/min)

Stainless steels
ステンレス鋼
5~10
(m/min)

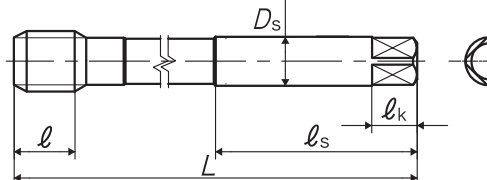
TYPE: 1



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	¥ 4,750 **
M4 × 0.7	P2	SY4.0IQGEXES	2.5P	100	7	11	31	40	5	4	7	3	1	¥ 4,340 **
M4 × 0.7	P2	SY4.0IQGEXGS	2.5P	150	7	11	31	40	5	4	7	3	1	¥ 8,260 **
M5 × 0.8	P2	SY5.0KQGEXES	2.5P	100	9	13	38	40	5.5	4.5	7	3	1	¥ 3,800 **
M5 × 0.8	P2	SY5.0KQGEXGS	2.5P	150	9	13	38	40	5.5	4.5	7	3	1	¥ 6,420 **
M6 × 1	P2	SY6.0MQGEXES	2.5P	100	11	15	45	40	6	4.5	7	3	1	¥ 3,250 **
M6 × 1	P2	SY6.0MQGEXGS	2.5P	150	11	15	45	40	6	4.5	7	3	1	¥ 5,730 **
M8 × 1.25	P2	SY8.0NQGEXES	2.5P	100	-	12	-	50	6.2	5	8	3	2	¥ 4,200 **
M8 × 1.25	P2	SY8.0NQGEXGS	2.5P	150	-	12	-	50	6.2	5	8	3	2	¥ 7,150 **
M8 × 1.25	P2	SY8.0NQGEXKS	2.5P	200	-	12	-	50	6.2	5	8	3	2	¥ 10,600 **
M10 × 1.5	P2	SY0100QGEXES	2.5P	100	-	13	-	50	7	5.5	8	3	2	¥ 5,100 **
M10 × 1.5	P2	SY0100QGEXGS	2.5P	150	-	13	-	50	7	5.5	8	3	2	¥ 8,310 **
M10 × 1.5	P2	SY0100QGEXKS	2.5P	200	-	13	-	50	7	5.5	8	3	2	¥ 11,600 **
M10 × 1.25	P2	SY010NQGEXES	2.5P	100	-	13	-	50	7	5.5	8	3	2	¥ 5,100 **
M10 × 1.25	P2	SY010NQGEXGS	2.5P	150	-	13	-	50	7	5.5	8	3	2	¥ 8,310 **
M12 × 1.75	P2	SY012PQGEXES	2.5P	100	-	15	-	50	8.5	6.5	9	3	2	¥ 6,250 **

Think threads with
YAMAWA

** = 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-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	¥ 10,400 ※
M12 × 1.75	P2	SY012PQGEXKS	2.5P	200	-	15	-	50	8.5	6.5	9	3	2	¥ 14,700 ※
M12 × 1.5	P2	SY012OQGEXGS	2.5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 10,400 ※
M12 × 1.5	P2	SY012OQGEXKS	2.5P	200	-	15	-	50	8.5	6.5	9	3	2	¥ 14,700 ※
M12 × 1.25	P2	SY012NQGEXGS	2.5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 10,400 ※
M12 × 1.25	P2	SY012NQGEXKS	2.5P	200	-	15	-	50	8.5	6.5	9	3	2	¥ 14,700 ※
M14 × 2	P2	SY014QQGEXGS	2.5P	150	-	18	-	60	10.5	8	11	3	2	¥ 13,200 ※
M14 × 1.5	P2	SY014OQGEXGS	2.5P	150	-	14	-	60	10.5	8	11	3	2	¥ 13,200 ※
M16 × 2	P2	SY016QQGEXGS	2.5P	150	-	18	-	60	12.5	10	13	3	2	¥ 14,200 ※
M16 × 2	P2	SY016QQGEXKS	2.5P	200	-	18	-	60	12.5	10	13	3	2	¥ 18,700 ※
M16 × 1.5	P2	SY016OQGEXGS	2.5P	150	-	14	-	60	12.5	10	13	3	2	¥ 14,200 ※
M16 × 1.5	P2	SY016OQGEXKS	2.5P	200	-	14	-	60	12.5	10	13	3	2	¥ 18,700 ※
M18 × 2.5	P3	SY018RRGEXGS	2.5P	150	-	20	-	70	14	11	14	4	2	¥ 19,400 ※
M18 × 2.5	P3	SY018RRGEXKS	2.5P	200	-	20	-	70	14	11	14	4	2	¥ 24,400 ※
M18 × 1.5	P2	SY018OQGEXGS	2.5P	150	-	14	-	70	14	11	14	4	2	¥ 19,400 ※
M18 × 1.5	P2	SY018OQGEXKS	2.5P	200	-	14	-	70	14	11	14	4	2	¥ 24,400 ※
M20 × 2.5	P3	SY020RRGEXGS	2.5P	150	-	20	-	70	15	12	15	4	3	¥ 24,900 ※
M20 × 2.5	P3	SY020RRGEXKS	2.5P	200	-	20	-	70	15	12	15	4	3	¥ 31,000 ※
M20 × 1.5	P3	SY020ORGEXGS	2.5P	150	-	14	-	70	15	12	15	4	3	¥ 24,900 ※
M20 × 1.5	P3	SY020ORGEXKS	2.5P	200	-	14	-	70	15	12	15	4	3	¥ 31,000 ※
M22 × 2.5	P3	SY022RRGEXGS	2.5P	150	-	20	-	70	17	13	16	4	3	¥ 27,800 ※
M22 × 2.5	P3	SY022RRGEXKS	2.5P	200	-	20	-	70	17	13	16	4	3	¥ 34,400 ※
M22 × 1.5	P3	SY022ORGEXGS	2.5P	150	-	14	-	70	17	13	16	4	3	¥ 27,800 ※
M22 × 1.5	P3	SY022ORGEXKS	2.5P	200	-	14	-	70	17	13	16	4	3	¥ 34,400 ※
M24 × 3	P3	SY024SRGEXGS	2.5P	150	-	25	-	80	19	15	18	4	3	¥ 32,300 ※
M24 × 3	P3	SY024SRGEXKS	2.5P	200	-	25	-	80	19	15	18	4	3	¥ 38,700 ※
M24 × 1.5	P3	SY024ORGEXGS	2.5P	150	-	18	-	80	19	15	18	4	3	¥ 32,300 ※
M24 × 1.5	P3	SY024ORGEXKS	2.5P	200	-	18	-	80	19	15	18	4	3	¥ 38,700 ※

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