

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ <sub>n</sub>	ℓ <sub>s</sub>	D <sub>s</sub>	K	ℓ <sub>k</sub>

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/  
Medical Surgical Instruments ⑫

JIS

①-102

## LS-SP OX

Long Shank Oxidized Spiral Tap



### Specification

**HSS**

**OX**  
Oxide



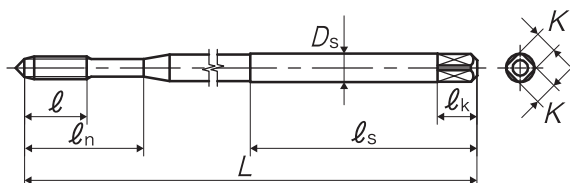
■ Long shank spiral fluted taps for tapping threads in deep holes that cannot be reached with a standard overall length. The thread surface is oxidized to prevent welding.

### Tapping Speeds depending on Materials

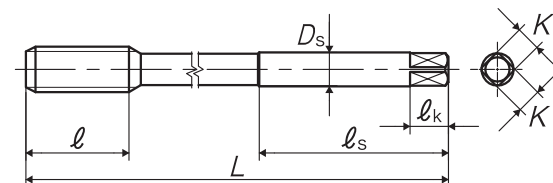
Low carbon steels  
低炭素鋼  
**5~10**  
(m/min)

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

#### TYPE:1



#### TYPE:2



Segment : 1C

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ <sub>n</sub> (mm)	ℓ <sub>s</sub> (mm)	D <sub>s</sub> (mm)	K (mm)	ℓ <sub>k</sub> (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M5 × 0.8	P2	SPFQ5.0KL12X	2.5P	120	13	25	40	5.5	4.5	7	3	1	¥ 4,760 *
M8 × 1.25	P2	SPQ8.0NL10X	2.5P	100	19	-	50	6.2	5	8	3	2	¥ 4,160 *
M8 × 1.25	P2	SPQ8.0NL12X	2.5P	120	19	-	50	6.2	5	8	3	2	¥ 5,140 *
M10 × 1.5	P2	SPQ010OL12X	2.5P	120	23	-	50	7	5.5	8	3	2	¥ 5,980 *
M10 × 1.5	P2	SPQ010OL15X	2.5P	150	23	-	50	7	5.5	8	3	2	¥ 8,220 *
M10 × 1.25	P2	SPQ010NL10X	2.5P	100	23	-	50	7	5.5	8	3	2	¥ 5,040 *
M10 × 1.25	P2	SPQ010NL12X	2.5P	120	23	-	50	7	5.5	8	3	2	¥ 5,980 *
M12 × 1.75	P2	SPQ012PL10X	2.5P	100	26	-	50	8.5	6.5	9	3	2	¥ 6,170 *
M12 × 1.75	P2	SPQ012PL15X	2.5P	150	26	-	50	8.5	6.5	9	3	2	¥ 10,300 *
M12 × 1.25	P2	SPQ012NL12X	2.5P	120	26	-	50	8.5	6.5	9	3	2	¥ 7,170 *
M16 × 2	P2	SPQ016QL15X	2.5P	150	26	-	60	12.5	10	13	3	2	¥ 14,100 *

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

Think threads with  
**YAMAWA**