

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	$\ell$	$\ell_n$	$\ell_s$	Ds	K	$\ell_k$

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

①-144



## HC+SP OX HC-SP OX



Spiral Fluted Taps for High Carbon Steels, Oxidized

### Specification



■ Spiral fluted tap suitable for high carbon steels such as S55C and the like, oxidized to avoid welding trouble.

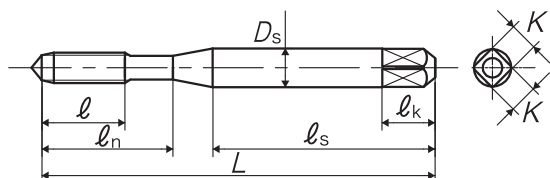
### Tapping Speeds depending on Materials

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

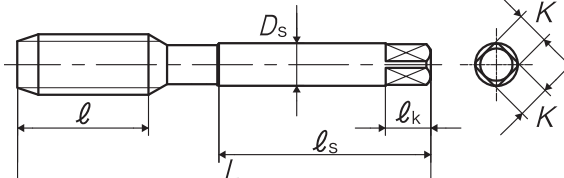
### Product Name and Size.

HC+SP OX	~ M6
HC-SP OX	M8~

### TYPE:1



### TYPE:2



## HC+SP OX Spiral Fluted Taps for High Carbon Steels, Oxidized

Segment : 1C

Size	Class	Code	Chamfer	L (mm)	$\ell$ (mm)	$\ell_n$ (mm)	$\ell_s$ (mm)	Ds (mm)	K (mm)	$\ell_k$ (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M3 × 0.5	P1	SCPP3.0GX	2.5P	46	9	14	26	4	3.2	6	3	1	¥ 1,670
M4 × 0.7	P2	SCPQ4.0IX	2.5P	52	11	17	29	5	4	7	3	1	¥ 1,670
M5 × 0.8	P2	SCPQ5.0KX	2.5P	60	13	22	33	5.5	4.5	7	3	1	¥ 1,680
M6 × 1	P2	SCPQ6.0MX	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,850

## HC-SP OX Spiral Fluted Taps for High Carbon Steels, Oxidized

Segment : 1C

Size	Class	Code	Chamfer	L (mm)	$\ell$ (mm)	$\ell_n$ (mm)	$\ell_s$ (mm)	Ds (mm)	K (mm)	$\ell_k$ (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M8 × 1.25	P2	SCMQ8.0NX	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,550
M10 × 1.5	P2	SCMQ010OX	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,230
M12 × 1.75	P2	SCMQ012PX	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,580
M16 × 2	P2	SCMQ016QX	2.5P	95	26	-	48	12.5	10	13	3	2	¥ 8,340