

| Overall length | Thread length | Thread + Neck length | Shank length | Shank dia. | Size of square | Length of square |
|----------------|---------------|----------------------|--------------|------------|----------------|------------------|
| L | 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

①-138



HC+SP OX HC-SP OX



Spiral Fluted Taps for High Carbon Steels, Oxidized

Specification

HSS

OX
Oxide



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

Tapping Speeds depending on Materials

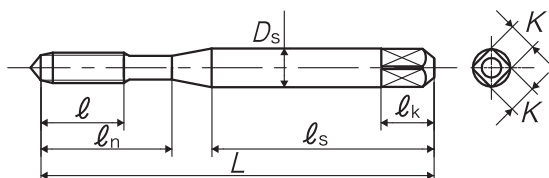
Medium carbon steels
中炭素鋼
5~10
(m/min)

High carbon steels
高炭素鋼
5~10
(m/min)

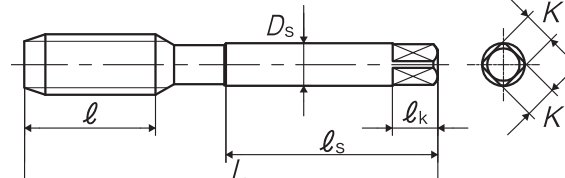
Product Name and Size.

| | |
|----------|------|
| 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) | 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 | SCPP3.0GX | 2.5P | 46 | 9 | 14 | 26 | 4 | 3.2 | 6 | 3 | 1 | ¥ 1,390 |
| M4 × 0.7 | P2 | SCPQ4.0IX | 2.5P | 52 | 11 | 17 | 29 | 5 | 4 | 7 | 3 | 1 | ¥ 1,390 |
| M5 × 0.8 | P2 | SCPQ5.0KX | 2.5P | 60 | 13 | 22 | 33 | 5.5 | 4.5 | 7 | 3 | 1 | ¥ 1,400 |
| M6 × 1 | P2 | SCPQ6.0MX | 2.5P | 62 | 15 | 26 | 33 | 6 | 4.5 | 7 | 3 | 1 | ¥ 1,540 |

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

Segment : 1C

| Size | Class | Code | Chamfer | L (mm) | ℓ (mm) | ℓ_n (mm) | ℓ_s (mm) | Ds (mm) | K (mm) | ℓ_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 | ¥ 2,120 |
| M10 × 1.5 | P2 | SCMQ010OX | 2.5P | 75 | 23 | - | 38 | 7 | 5.5 | 8 | 3 | 2 | ¥ 2,690 |
| M12 × 1.75 | P2 | SCMQ012PX | 2.5P | 82 | 26 | - | 42 | 8.5 | 6.5 | 9 | 3 | 2 | ¥ 3,810 |
| M16 × 2 | P2 | SCMQ016QX | 2.5P | 95 | 26 | - | 48 | 12.5 | 10 | 13 | 3 | 2 | ¥ 6,950 |