

Overall length	Thread length	Position on basic dia.	Shank dia.	Size of square	Length of square
L	$\ell$	$\ell g$	Ds	K	$\ell k$

## SU-SP-PT

Spiral Fluted Taps for Taper Pipe Threads, Long ( $\ell g$ ) Type for Stainless Steels



### Specification

**HSS**

**OX**  
Oxide



■SU-SP-PT is the tap suitable for stainless steels which tend to work-harden and sticky, as well as chrome steels and molybdenum steels, blind hole use.

### Tapping Speeds depending on Materials

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

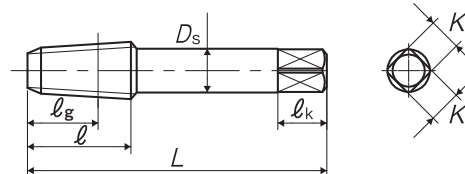
Medium carbon steels  
中炭素鋼  
~5  
(m/min)

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

Alloy steels  
合金鋼  
~5  
(m/min)

Stainless steels  
ステンレス鋼  
~5  
(m/min)

### TYPE: 1



Segment : 1G

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	$\ell$ (mm)	$\ell g$ (mm)	Ds (mm)	K (mm)	$\ell k$ (mm)	No. of flutes	TYPE	MSRP
For Pipe Threads													
PT 1/8-28	II	SYPT022GEX	2P	9.728	55	19	13	8	6	9	4	1	¥ 5,630 *
PT 1/4-19	II	SYPT042GEX	2P	13.157	62	28	21	11	9	12	4	1	¥ 8,060 *
PT 3/8-19	II	SYPT062GEX	2P	16.662	65	28	21	14	11	14	4	1	¥ 13,400 *
PT 1/2-14	II	SYPT082GEX	2P	20.955	80	35	25	18	14	17	4	1	¥ 21,800 *
PT 3/4-14	II	SYPT122GEX	2P	26.441	85	35	25	23	17	20	4	1	¥ 34,700 *
PT 1 -11	II	SYPT162GEX	2P	33.249	95	45	32	26	21	24	5	1	¥ 63,900 *
PT 1 1/4-11	II	SYPT202GEX	2P	41.910	105	45	32	32	26	30	5	1	¥ 96,500 *
PT 1 1/2-11	II	SYPT242GEX	2P	47.803	110	45	32	38	29	32	6	1	¥ 136,000 *
PT 2 -11	II	SYPT322GEX	2P	59.614	120	50	35	46	35	38	6	1	¥ 220,000 *

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 ⑧-48