

Overall length	Thread length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ_s	Ds	K	ℓ_k

PH-SP G



Spiral Fluted Taps for Parallel Pipe Threads, for Hard-to-Machine Materials

Specification

HSS

OX
Oxide



■ Suitable for hard steels of 27-38HRC, such as forgings and thermal refined steels of high carbon steels and alloy steels, and die steels.

Tapping Speeds depending on Materials

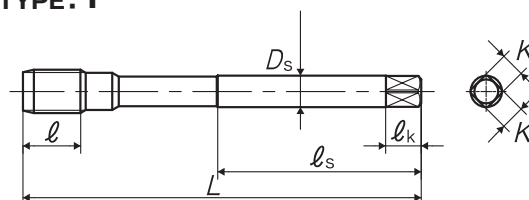
High carbon steels
高炭素鋼
2~7
(m/min)

Alloy steels
合金鋼
2~7
(m/min)

Thermal refined steels
調質鋼
~5
(m/min)

25~35HRC

TYPE: 1



Segment : 1H

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE
For G Threads											
G 1/8-28	-	SVG0020EEX	3P	90	12	46	7	5.5	8	3	1
G 1/4-19	-	SVG0040EEX	3P	100	14	51	11	9	12	4	1
G 3/8-19	-	SVG0060EEX	3P	100	14	51	12	9	12	4	1
G 1/2-14	-	SVG0080EEX	3P	125	18	64	16	12	15	5	1

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