

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

JIS

①

Spiral Fluted Taps
(for blind hole)

②

Spiral Fluted Taps
(for through hole)

③

Spiral Pointed Taps
(for through hole)

④

Hand Taps

⑤

Cemented Carbide Taps

⑥

Roll Taps

⑦

Special Thread Taps
Simple Inspection Tools

⑧

Pipe Taps

⑨

Thread Mills
Premium Thread Mills

⑩

Dies

⑪

Center Drills
Centering Tools

⑫

Precision Machinery/
Medical Surgical Instruments

JIS

⑧-89

SP-PF

Spiral Fluted Taps for Parallel Pipe Threads



Specification



■ The SP-PF is a spiral flute tap for parallel pipe threads and is used for tapping of products whose main purpose is to connect mechanical parts for pipes. The PF internal thread is used for fitting with the PF external thread.

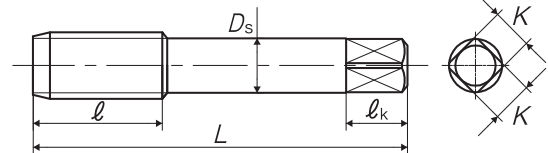
Tapping Speeds depending on Materials

Low carbon steels
低炭素鋼
5~10
(m/min)

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

High carbon steels
高炭素鋼
5~10
(m/min)

TYPE: 1



Segment : 1G

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Pipe Threads												
PF 1/8-28	II	SH2F02K	2.5P	9.728	55	19	8	6	9	3	1	¥ 3,550
PF 1/4-19	II	SH2F04-	2.5P	13.157	62	28	11	9	12	3	1	¥ 5,130
PF 3/8-19	II	SH2F06-	2.5P	16.662	65	28	14	11	14	3	1	¥ 8,480
PF 1/2-14	II	SH2F08Q	2.5P	20.955	80	35	18	14	17	4	1	¥ 13,800
PF 3/4-14	II	SH2F12Q	2.5P	26.441	85	35	23	17	20	4	1	¥ 22,100
PF 1 -11	II	SH2F16U	2.5P	33.249	95	45	26	21	24	4	1	¥ 41,300
PF 1 1/4-11	II	SH2F20U	2.5P	41.910	105	45	32	26	30	4	1	¥ 65,000 ※
PF 1 1/2-11	II	SH2F24U	2.5P	47.803	110	45	38	29	32	4	1	¥ 89,600 ※
PF 2 -11	II	SH2F32U	2.5P	59.614	120	50	46	35	38	4	1	¥ 153,000 ※