

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

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

⑧-61

## FC-PS

Hand Tap for Parallel Pipe Threads in Cast Irons



### Specification

**HSS**

**NI**  
Nitride



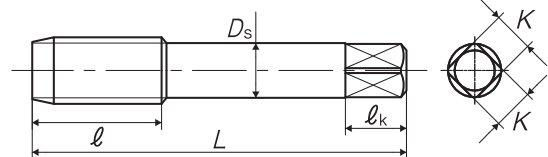
### Tapping Speeds depending on Materials

Cast irons  
鋳鉄  
**5~10**  
(m/min)

Ductile cast irons  
強靱鋳鉄  
**5~10**  
(m/min)

■The FC-PS is a hand tap for parallel pipe threads and is suitable for thread processing of hard and brittle material in mass production such as cast iron. It produces parallel pipe threads for products whose main purpose is the tightness of thread. It is used for parts in connection with pipe parts etc. The PS internal thread is used for fitting with PT external.

### TYPE: 1



Segment : 1G

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	$\ell$ (mm)	Ds (mm)	K (mm)	$\ell_k$ (mm)	No. of flutes	TYPE	MSRP
For Pipe Threads												
PS 1/8-28	II	FCPS02K	3.5P	9.728	55	19	8	6	9	4	1	¥ 3,810 ※
PS 1/4-19	II	FCPS04-	3.5P	13.157	62	28	11	9	12	4	1	¥ 5,530 ※
PS 3/8-19	II	FCPS06-	3.5P	16.662	65	28	14	11	14	4	1	¥ 9,110 ※
PS 1/2-14	II	FCPS08Q	3.5P	20.955	80	35	18	14	17	4	1	¥ 14,900 ※
PS 3/4-14	II	FCPS12Q	3.5P	26.441	85	35	23	17	20	4	1	¥ 23,700 ※
PS 1 -11	II	FCPS16U	3.5P	33.249	95	45	26	21	24	5	1	¥ 44,400 ※
PS 1 1/4-11	II	FCPS20U	3.5P	41.910	105	45	32	26	30	5	1	¥ 70,100 ※
PS 1 1/2-11	II	FCPS24U	3.5P	47.803	110	45	38	29	32	6	1	¥ 96,400 ※