

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

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

⑧-45



## PS

### Hand Taps for Parallel Pipe Threads



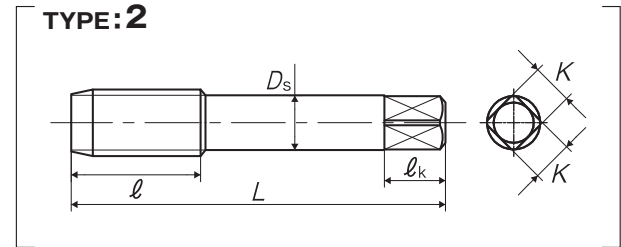
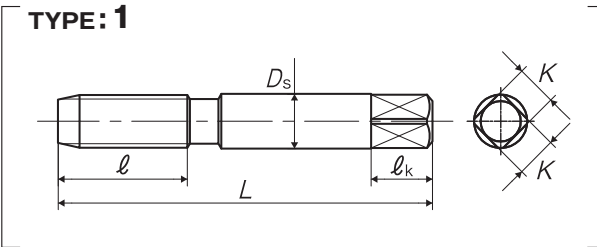
#### Specification



#### Tapping Speeds depending on Materials

Low carbon steels 低碳素鋼	Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
5~10 (m/min)	5~10 (m/min)	5~10 (m/min)

■The PS is a hand tap for parallel pipe threads and is used for products whose main purpose is the tightness of the threaded part in connection with pipe parts etc. The PS internal thread is used for fitting with PT external thread.



Segment : 1G

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For Pipe Threads												
PS 1/16-28	II	TH2P01K-8	3.5P	7.723	55	19	8	6	9	4	1	¥ 2,820 <sup>*</sup>
PS 1/8-28	II	TH2P02K	3.5P	9.728	55	19	8	6	9	4	2	¥ 2,820
PS 1/8-28	II	TH2P02K1	1.5P	9.728	55	19	8	6	9	4	2	¥ 2,820 <sup>*</sup>
PS 1/4-19	II	TH2P04-	3.5P	13.157	62	28	11	9	12	4	2	¥ 4,100
PS 1/4-19	II	TH2P04-1	1.5P	13.157	62	28	11	9	12	4	2	¥ 4,100 <sup>*</sup>
PS 3/8-19	II	TH2P06-	3.5P	16.662	65	28	14	11	14	4	2	¥ 6,760
PS 3/8-19	II	TH2P06-1	1.5P	16.662	65	28	14	11	14	4	2	¥ 6,760 <sup>*</sup>
PS 1/2-14	II	TH2P08Q	3.5P	20.955	80	35	18	14	17	4	2	¥ 11,000
PS 1/2-14	II	TH2P08Q1	1.5P	20.955	80	35	18	14	17	4	2	¥ 11,000 <sup>*</sup>
PS 5/8-14	II	TH2P10Q	3.5P	22.911	82	35	19	15	18	4	2	¥ 15,400 <sup>*</sup>
PS 3/4-14	II	TH2P12Q	3.5P	26.441	85	35	23	17	20	4	2	¥ 17,900
PS 3/4-14	II	TH2P12Q1	1.5P	26.441	85	35	23	17	20	4	2	¥ 17,900 <sup>*</sup>
PS 7/8-14	II	TH2P14Q	3.5P	30.201	90	40	24	19	22	4	2	¥ 26,900 <sup>*</sup>
PS 1-11	II	TH2P16U	3.5P	33.249	95	45	26	21	24	5	2	¥ 33,500
PS 1-11	II	TH2P16U1	1.5P	33.249	95	45	26	21	24	5	2	¥ 33,500 <sup>*</sup>
PS 1 1/8-11	II	TH2P18U	3.5P	37.897	100	45	28	21	24	5	2	¥ 49,400 <sup>*</sup>
PS 1 1/4-11	II	TH2P20U	3.5P	41.910	105	45	32	26	30	5	2	¥ 52,900
PS 1 1/4-11	II	TH2P20U1	1.5P	41.910	105	45	32	26	30	5	2	¥ 52,900 <sup>*</sup>
PS 1 1/2-11	II	TH2P24U	3.5P	47.803	110	45	38	29	32	6	2	¥ 72,800
PS 1 1/2-11	II	TH2P24U1	1.5P	47.803	110	45	38	29	32	6	2	¥ 72,800 <sup>*</sup>
PS 1 3/4-11	II	TH2P28U	3.5P	53.746	115	45	42	32	35	6	2	¥ 99,200 <sup>*</sup>
PS 2-11	II	TH2P32U	3.5P	59.614	120	50	46	35	38	6	2	¥ 124,000
PS 2 1/4-11	II	TH2P36U	3.5P	65.710	145	65	50	38	42	6	2	¥ 198,000 <sup>*</sup>
PS 2 1/2-11	II	TH2P40U	3.5P	75.184	145	65	55	41	44	8	2	¥ 205,000 <sup>*</sup>

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

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
PS 3 -11	II	TH2P48U	3.5P	87.884	155	65	65	50	52	8	2	¥307,000 ※
PS 3 1/2-11	II	TH2P56U	3.5P	100.330	165	68	70	54	58	8	2	¥399,000 ※
PS 4 -11	II	TH2P64U	3.5P	113.030	170	70	75	58	62	10	2	¥539,000 ※

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