

# 1 Spiral Fluted Tap Series for blind hole

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓn	ℓs	Ds	K	ℓk

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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

8 Pipe Taps

9 Thread Mills Premium Thread Mills

10 Simple Inspection Tools Related Products

11 Dies

12 Center Drills Centering Tools

13 Precision Machinery/Medical Surgical Instruments

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①-75



## +SP

### Plus Series Spiral Fluted Taps



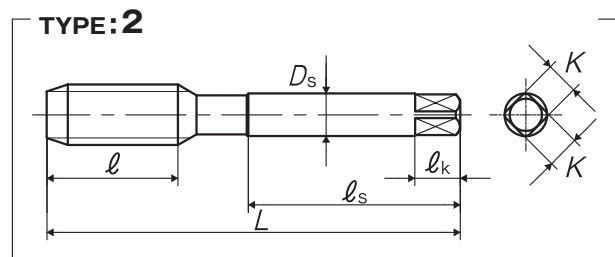
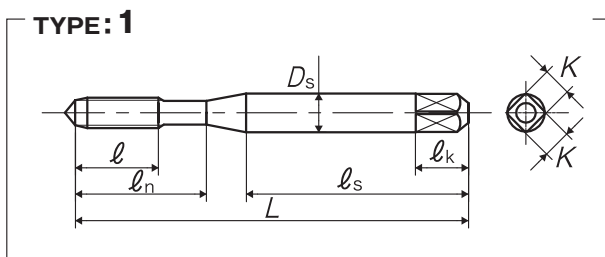
#### Specification



■The +SP is a spiral flute tap for tapping blind holes. It is most suitable for the synchronous feed of CNC machining centers in the middle to high speed range.

#### Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
10~15 (m/min)	10~15 (m/min)



Segment : 1C

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M2 × 0.4	P1	SNPP2.0E	2.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,530
M2.2 × 0.45	P1	SNPP2.2F	2.5P	42	8.1	12	27	3	2.5	5	2	1	¥ 2,440
M2.3 × 0.4	P1	SNPP2.3E	2.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,440
M2.5 × 0.45	P1	SNPP2.5F	2.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,060
M2.6 × 0.45	P1	SNPP2.6F	2.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,060
M3 × 0.5	P1	SNPP3.0G	2.5P	46	9	14	26	4	3.2	6	3	1	¥ 1,360
M3.5 × 0.6	P1	SNPP3.5H	2.5P	52	11	16	29	5	4	7	3	1	¥ 1,440
M4 × 0.7	P2	SNPQ4.0I	2.5P	52	11	17	29	5	4	7	3	1	¥ 1,360
M5 × 0.8	P2	SNPQ5.0K	2.5P	60	13	22	33	5.5	4.5	7	3	1	¥ 1,370
M6 × 1	P2	SNPQ6.0M	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,510
M8 × 1.25	P2	SNPQ8.0N	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,100
M10 × 1.5	P2	SNPQ10.0O	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,670
M10 × 1.25	P2	SNPQ10.0N	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,670
M12 × 1.75	P2	SNPQ12.0P	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 3,780
M12 × 1.25	P2	SNPQ12.0N	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 3,780