

# 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	ℓ <sub>n</sub>	ℓ <sub>s</sub>	D <sub>s</sub>	K	ℓ <sub>k</sub>

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

Dies

10

11 Center Drills Centering Tools

JIS

①-47

# S

# JIS

## +SP

### Plus Series Spiral Fluted Taps



#### Specification

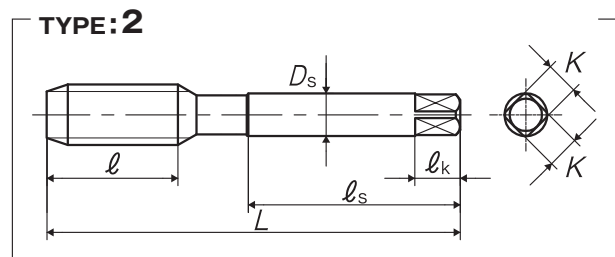
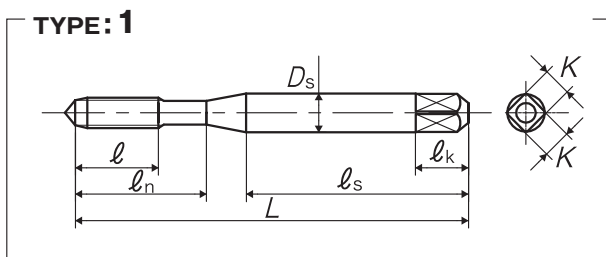


■ The +SP is a spiral flute tap for tapping blind holes. It is most suitable for the synchronous feed of CNC machining centers in the middle to high speed range.

#### Recommended Tapping Speeds depending on Materials

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

For icon explanation, refer to icon-1



Segment : 1C

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ <sub>n</sub> (mm)	ℓ <sub>s</sub> (mm)	D <sub>s</sub> (mm)	K (mm)	ℓ <sub>k</sub> (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
<b>M2 × 0.4</b>	P1	SNPP2.0E	2.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,150
<b>M2.2 × 0.45</b>	P1	SNPP2.2F	2.5P	42	8.1	12	27	3	2.5	5	2	1	¥ 1,960
<b>M2.3 × 0.4</b>	P1	SNPP2.3E	2.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 1,960
<b>M2.5 × 0.45</b>	P1	SNPP2.5F	2.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 1,650
<b>M2.6 × 0.45</b>	P1	SNPP2.6F	2.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 1,650
<b>M3 × 0.5</b>	P1	SNPP3.0G	2.5P	46	9	14	26	4	3.2	6	3	1	¥ 1,150
<b>M3.5 × 0.6</b>	P1	SNPP3.5H	2.5P	52	11	16	29	5	4	7	3	1	¥ 1,150
<b>M4 × 0.7</b>	P2	SNPQ4.0I	2.5P	52	11	17	29	5	4	7	3	1	¥ 1,150
<b>M5 × 0.8</b>	P2	SNPQ5.0K	2.5P	60	13	22	33	5.5	4.5	7	3	1	¥ 1,160
<b>M6 × 1</b>	P2	SNPQ6.0M	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,280
<b>M8 × 1.25</b>	P2	SNPQ8.0N	2.5P	70	19	-	36	6.2	5	8	3	2	¥ 1,790
<b>M10 × 1.5</b>	P2	SNPQ0100	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,280
<b>M10 × 1.25</b>	P2	SNPQ010N	2.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,280
<b>M12 × 1.75</b>	P2	SNPQ012P	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 3,230
<b>M12 × 1.25</b>	P2	SNPQ012N	2.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 3,230

Think threads with  
**YAMAWA**

※ = Specified Distribution Items. Made to order products.  
For improvement, spec may change without advance notice.