



SP 1.5P

Spiral Fluted Taps 1.5P

Specification



Tapping Speeds depending on Materials

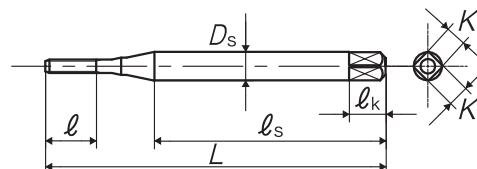
Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
5~10 (m/min)	5~10 (m/min)

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ_n	ℓ_s	Ds	K	ℓ_k

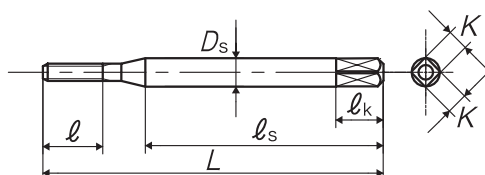


■The SP 1.5P has a shorter cutting chamfer than usual and there is no convex center at the end. This makes it the best spiral flute tap for machining a blind hole that does not have the pilot hole length for processing the thread length.

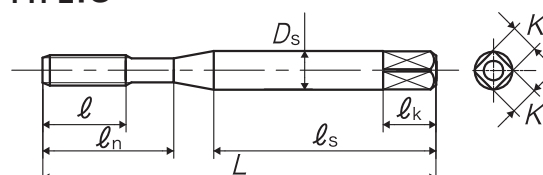
TYPE: 1



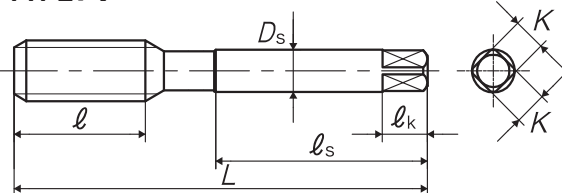
TYPE: 2



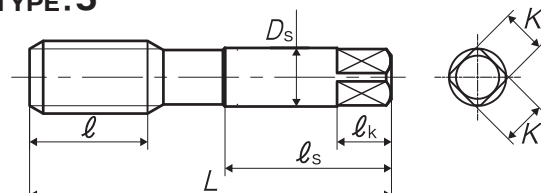
TYPE: 3



TYPE: 4



TYPE: 5



Segment : 1C

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ_n (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M1.2 × 0.25	P1	SY1.2BPNEBA	1.5P	36	4.5	-	24	3	2.5	5	2	1	¥ 4,300*
M1.4 × 0.3	P1	SY1.4CPNEBA	1.5P	36	5.4	-	24	3	2.5	5	2	1	¥ 3,520*
M1.6 × 0.35	P1	SY1.6DPNEBA	1.5P	36	6.3	-	24	3	2.5	5	2	2	¥ 3,360
M1.7 × 0.35	P1	SY1.7DPNEBA	1.5P	36	6.3	-	24	3	2.5	5	2	2	¥ 3,360*
M1.8 × 0.35	P1	SY1.8DPNEBA	1.5P	42	6.3	-	27	3	2.5	5	2	2	¥ 3,360*
M2 × 0.4	P1	SY2.0EPNEBA	1.5P	42	7.2	12	27	3	2.5	5	2	3	¥ 2,680
M2.3 × 0.4	P1	SY2.3EPNEBA	1.5P	42	7.2	12	27	3	2.5	5	2	3	¥ 2,440*
M2.5 × 0.45	P1	SY2.5FPNEBA	1.5P	46	8.1	14	29	3	2.5	5	2	3	¥ 2,060*
M2.6 × 0.45	P1	SY2.6FPNEBA	1.5P	46	8.1	14	29	3	2.5	5	2	3	¥ 2,060*

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA

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

JIS

SP 1.5P Spiral Fluted Taps 1.5P

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M3 × 0.5	P1	SY3.0GPNEBA	1.5P	46	9	14	26	4	3.2	6	3	3	¥ 1,440
M3.5 × 0.6	P1	SY3.5HPNEBA	1.5P	52	11	16	29	5	4	7	3	3	¥ 1,440 ※
M4 × 0.7	P2	SY4.0IQNEBA	1.5P	52	11	17	29	5	4	7	3	3	¥ 1,440
M5 × 0.8	P2	SY5.0KQNEBA	1.5P	60	13	22	33	5.5	4.5	7	3	3	¥ 1,450
M6 × 1	P2	SY6.0MQNEBA	1.5P	62	15	26	33	6	4.5	7	3	3	¥ 1,510
M8 × 1.25	P2	SY8.0NQNEBA	1.5P	70	19	-	36	6.2	5	8	3	4	¥ 2,230
M8 × 1	P2	SY8.0MQNEBA	1.5P	70	19	-	36	6.2	5	8	3	4	¥ 2,530 ※
M10 × 1.5	P2	SY010OQNEBA	1.5P	75	23	-	38	7	5.5	8	3	4	¥ 2,840
M10 × 1.25	P2	SY010NQNEBA	1.5P	75	23	-	38	7	5.5	8	3	4	¥ 2,840 ※
M10 × 1	P2	SY010MQNEBA	1.5P	75	23	-	38	7	5.5	8	3	4	¥ 3,370 ※
M12 × 1.75	P2	SY012PQNEBA	1.5P	82	26	-	42	8.5	6.5	9	3	4	¥ 4,020
M12 × 1.5	P2	SY012OQNEBA	1.5P	82	26	-	42	8.5	6.5	9	3	4	¥ 4,020 ※
M12 × 1.25	P2	SY012NQNEBA	1.5P	82	26	-	42	8.5	6.5	9	3	4	¥ 4,020 ※
M12 × 1	P2	SY012MQNEBA	1.5P	82	26	-	42	8.5	6.5	9	3	4	¥ 4,730 ※
M14 × 2	P2	SY014QQNEBA	1.5P	88	26	-	45	10.5	8	11	3	4	¥ 5,480 ※
M14 × 1.5	P2	SY014OQNEBA	1.5P	88	26	-	45	10.5	8	11	3	4	¥ 5,480 ※
M16 × 2	P2	SY016QQNEBA	1.5P	95	26	-	48	12.5	10	13	3	4	¥ 7,320 ※
M16 × 1.5	P2	SY016OQNEBA	1.5P	95	26	-	48	12.5	10	13	3	4	¥ 7,320 ※
M18 × 2.5	P3	SY018RRNEBA	1.5P	100	33	-	51	14	11	14	4	4	¥ 9,780 ※
M20 × 2.5	P3	SY020RRNEBA	1.5P	105	33	-	50	15	12	15	4	5	¥ 13,400 ※

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



※ = Specified Distribution Items. Made to order products.