

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_n	ℓ_s	Ds	K	ℓ_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/Metal Surgical Instruments

JIS

①-141



AL-SP 1.5P

Spiral Fluted Taps for Aluminum 1.5P



Specification

HSS

NI
Nitride

1.5



<2D

■ In aluminum die casting and aluminum casting tapping, AL-SP solves such problems as chip jamming, chip clogging, and torn threads.

Tapping Speeds depending on Materials

Brass
黄銅
10~25
(m/min)

Brass castings
黄銅鑄物
10~25
(m/min)

Bronze
青銅
10~25
(m/min)

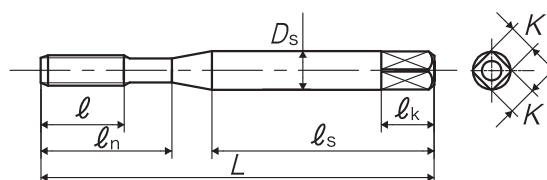
Wrought aluminum
アルミ圧延材
10~25
(m/min)

Aluminum alloy castings
アルミ合金鑄物
10~25
(m/min)

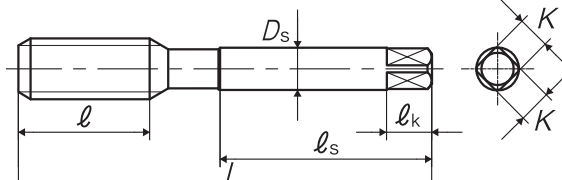
Magnesium alloy die castings
マグネシウム合金鑄物
10~25
(m/min)

Zinc alloy castings
亜鉛合金鑄物
10~25
(m/min)

TYPE: 1



TYPE: 2



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													
M2 × 0.4	P2	SY2.0EQLENA	1.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,710
M2.3 × 0.4	P2	SY2.3EQLENA	1.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,470 ※
M2.5 × 0.45	P2	SY2.5FQLENA	1.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,070
M2.6 × 0.45	P2	SY2.6FQLENA	1.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,070
M3 × 0.5	P2	SY3.0GQLENA	1.5P	46	9	14	26	4	3.2	6	3	1	¥ 1,450
M3.5 × 0.6	P2	SY3.5HQLENA	1.5P	52	11	16	29	5	4	7	3	1	¥ 1,450 ※
M4 × 0.7	P3	SY4.0IRLENA	1.5P	52	11	17	29	5	4	7	3	1	¥ 1,450
M5 × 0.8	P3	SY5.0KRLENA	1.5P	60	13	22	33	5.5	4.5	7	3	1	¥ 1,470
M6 × 1	P3	SY6.0MRLENA	1.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,610
M8 × 1.25	P3	SY8.0NRLENA	1.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,210
M10 × 1.5	P3	SY010ORLENA	1.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,810
M10 × 1.25	P3	SY010NRLENA	1.5P	75	23	-	38	7	5.5	8	3	2	¥ 2,810 ※
M10 × 1	P3	SY010MRLENA	1.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,340 ※
M12 × 1.75	P3	SY012PRLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 3,980
M12 × 1.5	P3	SY012ORLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 3,980 ※
M12 × 1.25	P3	SY012NRLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 3,980 ※
M12 × 1	P3	SY012MRLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,690 ※
M14 × 2	P3	SY014QRLLENA	1.5P	88	26	-	45	10.5	8	11	3	2	¥ 5,430 ※
M14 × 1.5	P3	SY014ORLENA	1.5P	88	26	-	45	10.5	8	11	3	2	¥ 5,430 ※
M16 × 2	P3	SY016QRLLENA	1.5P	95	26	-	48	12.5	10	13	3	2	¥ 7,260 ※
M16 × 1.5	P3	SY016ORLENA	1.5P	95	26	-	48	12.5	10	13	3	2	¥ 7,260 ※

Think threads with
YAMAWA

※ = Specified Distribution Items. Made to order products.