

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ _n	ℓ _s	D _s	K	ℓ _k

1

JIS

Spiral Fluted Taps
(for blind hole)

Spiral Fluted Taps
(for through hole)

Spiral Pointed Taps
(for through hole)

Hand Taps

Cemented Carbide Taps

Roll Taps

Special Thread Taps
Simple Inspection Tools

Pipe Taps

Thread Mills
Premium Thread Mills

Dies

Center Drills
Centering Tools

Precision Machinery/
Medical Surgical Instruments

JIS

①-152

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)

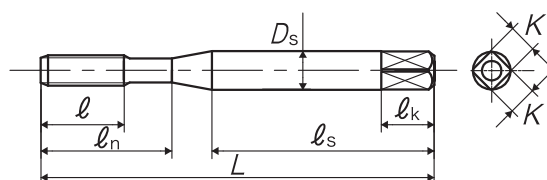
Wrought aluminum
アルミ圧延材
10~25
(m/min)

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

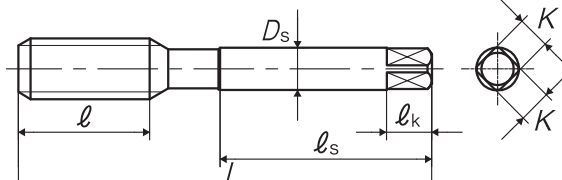
Magnesium alloy die castings
マグネシウム合金鑄物
10~25
(m/min)

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)	D _s (mm)	K (mm)	ℓ _k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M2 × 0.4	P2	SY2.0EQLNA	1.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 3,090
M2.3 × 0.4	P2	SY2.3EQLNA	1.5P	42	7.2	12	27	3	2.5	5	2	1	¥ 2,820 [*]
M2.5 × 0.45	P2	SY2.5FQLNA	1.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,360
M2.6 × 0.45	P2	SY2.6FQLNA	1.5P	46	8.1	14	29	3	2.5	5	2	1	¥ 2,360
M3 × 0.5	P2	SY3.0GQLNA	1.5P	46	9	14	26	4	3.2	6	3	1	¥ 1,660
M3.5 × 0.6	P2	SY3.5HQLNA	1.5P	52	11	16	29	5	4	7	3	1	¥ 1,660 [*]
M4 × 0.7	P3	SY4.0IRLENA	1.5P	52	11	17	29	5	4	7	3	1	¥ 1,660
M5 × 0.8	P3	SY5.0KRLENA	1.5P	60	13	22	33	5.5	4.5	7	3	1	¥ 1,680
M6 × 1	P3	SY6.0MRLENA	1.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,840
M8 × 1.25	P3	SY8.0NRLENA	1.5P	70	19	-	36	6.2	5	8	3	2	¥ 2,570
M10 × 1.5	P3	SY010ORLENA	1.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,260
M10 × 1.25	P3	SY010NRLENA	1.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,260 [*]
M10 × 1	P3	SY010MRLENA	1.5P	75	23	-	38	7	5.5	8	3	2	¥ 3,880 [*]
M12 × 1.75	P3	SY012PRLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,620
M12 × 1.5	P3	SY012ORLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,620 [*]
M12 × 1.25	P3	SY012NRLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 4,620 [*]
M12 × 1	P3	SY012MRLENA	1.5P	82	26	-	42	8.5	6.5	9	3	2	¥ 5,450 [*]
M14 × 2	P3	SY014QRLENA	1.5P	88	26	-	45	10.5	8	11	3	2	¥ 6,300 [*]
M14 × 1.5	P3	SY014ORLENA	1.5P	88	26	-	45	10.5	8	11	3	2	¥ 6,300 [*]
M16 × 2	P3	SY016QRLENA	1.5P	95	26	-	48	12.5	10	13	3	2	¥ 8,430 [*]
M16 × 1.5	P3	SY016ORLENA	1.5P	95	26	-	48	12.5	10	13	3	2	¥ 8,430 [*]

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA