

Overall length	Thread length	Shank dia.	Size of square	Length of square
L	ℓ	Ds	K	ℓ_k

5

JIS

Spiral Fluted Taps
(for blind hole)

①

Spiral Fluted Taps
(for through hole)

②

Spiral Pointed Taps
(for through hole)

③

Hand Taps

④

Cemented Carbide Taps

⑤

Roll Taps

⑥

Special Thread Taps
Simple inspection tools

⑦

Pipe Taps

⑧

Thread Mills
Premium Thread Mills

⑨

Dies

⑩

Center Drills
Centering Tools

⑪

Precision Machinery/
Metal Surgical Instruments

⑫

JIS

⑤-20

N-CT-SP

Spiral Fluted Carbide Taps



Specification



■ The N-CT-SP is a cemented carbide spiral flute tap most suitable for blind hole mass production of aluminum castings (AC), aluminum die cast (ADC), zinc die cast (ZDC) etc.

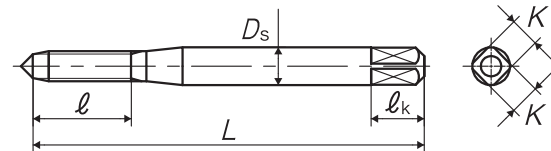
Tapping Speeds depending on Materials

Wrought aluminum
アルミ圧延材
10~20
(m/min)

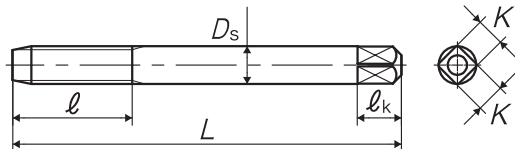
Aluminum alloy castings
アルミ合金鋳物
10~20
(m/min)

Zinc alloy castings
亜鉛合金鋳物
10~20
(m/min)

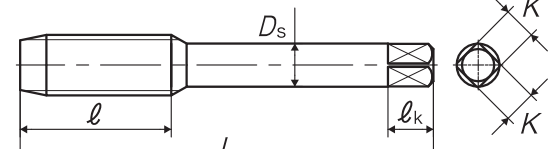
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1L

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads											
M3 × 0.5	P3	SY3.0GRKWB	2.5P	46	11	4	3.2	6	3	1	¥ 15,400*
M4 × 0.7	P3	SY4.0IRKWB	2.5P	52	13	5	4	7	3	1	¥ 16,100*
M5 × 0.8	P3	SY5.0KRKWB	2.5P	60	16	5.5	4.5	7	3	1	¥ 17,000*
M6 × 1	P3	SY6.0MRKWB	2.5P	62	19	6	4.5	7	3	2	¥ 18,400*
M8 × 1.25	P3	SY8.0NRKWB	2.5P	70	22	6.2	5	8	3	3	¥ 23,800*
M10 × 1.5	P3	SY010ORKWB	2.5P	75	24	7	5.5	8	3	3	¥ 33,200*
M10 × 1.25	P3	SY010NRKWB	2.5P	75	22	7	5.5	8	3	3	¥ 33,200*
M12 × 1.75	P4	SY012PSKWB	2.5P	82	30	8.5	6.5	9	3	3	¥ 43,700*
M12 × 1.5	P4	SY012OSKWB	2.5P	82	24	8.5	6.5	9	3	3	¥ 43,700*
M12 × 1.25	P4	SY012NSKWB	2.5P	80	22	8.5	6.5	9	3	3	¥ 43,700*
M14 × 2	P4	SY014QSKWB	2.5P	88	30	10.5	8	11	3	3	¥ 57,100*
M14 × 1.5	P4	SY014OSKWB	2.5P	88	24	10.5	8	11	3	3	¥ 57,100*
M16 × 2	P4	SY016QSKWB	2.5P	95	30	12.5	10	13	3	3	¥ 74,700*
M16 × 1.5	P4	SY016OSKWB	2.5P	95	24	12.5	10	13	3	3	¥ 74,700*
M18 × 2.5	P4	SY018RSKWB	2.5P	100	35	14	11	14	4	3	¥ 80,400*
M18 × 1.5	P4	SY018OSKWB	2.5P	95	24	14	11	14	4	3	¥ 80,400*
M20 × 2.5	P4	SY020RSKWB	2.5P	105	35	15	12	15	4	3	¥ 101,000*
M20 × 1.5	P4	SY020OSKWB	2.5P	95	24	15	12	15	4	3	¥ 101,000*

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA