



LS-N-CT

Long Shank Carbide Taps

Specification



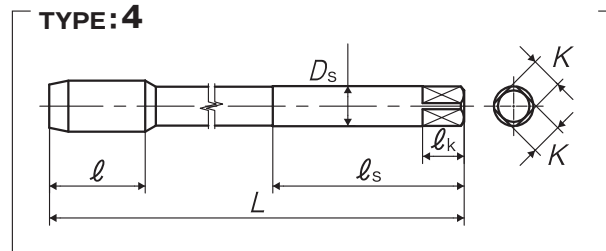
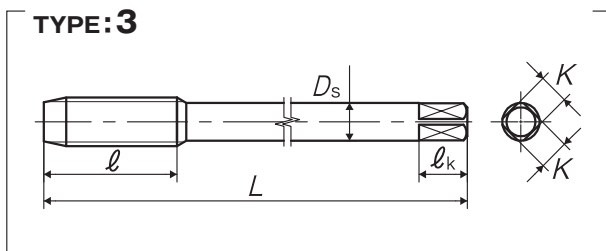
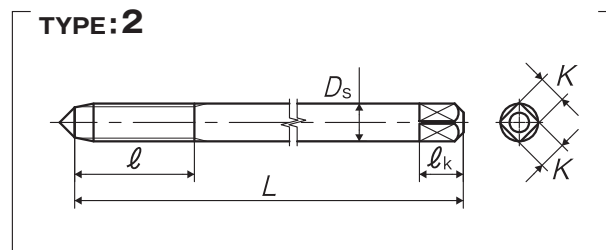
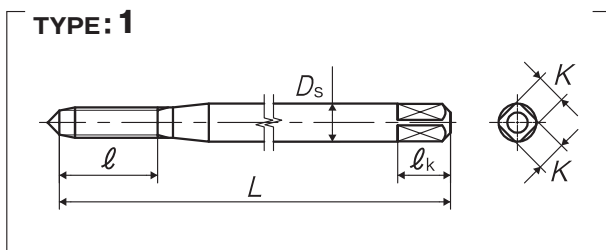
Tapping Speeds depending on Materials

Cast irons 鑄鉄	Ductile cast irons 強靱鑄鉄	Brass castings 黃銅鑄物
5~15 (m/min)	5~15 (m/min)	5~15 (m/min)

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



■ The LS-N-CT is a long shank carbide tap suitable for thread processing in mass production of hard and brittle materials



Segment : 1L

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For Metric Threads												
M3 × 0.5	P3	TY3.0GRAWB3E	3P	100	11	-	4	3.2	6	3	1	¥ 20,600 [※]
M3 × 0.5	P3	TY3.0GRAWBAE	1.5P	100	11	-	4	3.2	6	3	1	¥ 20,600 [※]
M4 × 0.7	P3	TY4.0IRAWB3E	3P	100	13	-	5	4	7	4	1	¥ 20,900 [※]
M4 × 0.7	P3	TY4.0IRAWBAE	1.5P	100	13	-	5	4	7	4	1	¥ 20,900 [※]
M5 × 0.8	P3	TY5.0KRAWB3E	3P	100	16	-	5.5	4.5	7	4	1	¥ 21,400 [※]
M5 × 0.8	P3	TY5.0KRAWBAE	1.5P	100	16	-	5.5	4.5	7	4	1	¥ 21,400 [※]
M6 × 1	P3	TY6.0MRAWB3E	3P	100	19	-	6	4.5	7	4	2	¥ 23,300 [※]
M6 × 1	P3	TY6.0MRAWBAE	1.5P	100	19	-	6	4.5	7	4	2	¥ 23,300 [※]
M8 × 1.25	P3	TY8.0NRAWB3E	3P	100	22	-	6.2	5	8	4	3	¥ 25,700 [※]
M8 × 1.25	P3	TY8.0NRAWB3G	3P	150	22	-	6.2	5	8	4	3	¥ 32,400 [※]
M8 × 1.25	P3	TY8.0NRAWBAE	1.5P	100	22	-	6.2	5	8	4	3	¥ 25,700 [※]
M8 × 1.25	P3	TY8.0NRAWBAG	1.5P	150	22	-	6.2	5	8	4	3	¥ 32,400 [※]
M10 × 1.5	P3	TY010ORAWB3E	3P	100	24	-	7	5.5	8	4	3	¥ 35,200 [※]
M10 × 1.5	P3	TY010ORAWB3G	3P	150	24	-	7	5.5	8	4	3	¥ 43,900 [※]
M10 × 1.5	P3	TY010ORAWBAE	1.5P	100	24	-	7	5.5	8	4	3	¥ 35,200 [※]
M10 × 1.5	P3	TY010ORAWBAG	1.5P	150	24	-	7	5.5	8	4	3	¥ 43,900 [※]
M10 × 1.25	P3	TY010NRAWB3E	3P	100	22	-	7	5.5	8	4	3	¥ 35,200 [※]

※ = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA

- 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

5 Cemented Carbide Tap Series

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

JIS

LS-N-CT Long Shank Carbide Taps

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

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M10 × 1.25	P3	TY010NRAWB3G	3P	150	22	-	7	5.5	8	4	3	¥ 43,900*
M10 × 1.25	P3	TY010NRAWBAE	1.5P	100	22	-	7	5.5	8	4	3	¥ 35,200*
M10 × 1.25	P3	TY010NRAWBAG	1.5P	150	22	-	7	5.5	8	4	3	¥ 43,900*
M12 × 1.75	P4	TY012PSAWB3G	3P	150	30	50	8.5	6.5	9	4	4	¥ 54,300*
M12 × 1.75	P4	TY012PSAWBAG	1.5P	150	30	50	8.5	6.5	9	4	4	¥ 54,300*
M12 × 1.5	P4	TY012OSAWB3G	3P	150	24	50	8.5	6.5	9	4	4	¥ 54,300*
M12 × 1.5	P4	TY012OSAWBAG	1.5P	150	24	50	8.5	6.5	9	4	4	¥ 54,300*
M12 × 1.25	P4	TY012NSAWB3G	3P	150	22	50	8.5	6.5	9	4	4	¥ 54,300*
M12 × 1.25	P4	TY012NSAWBAG	1.5P	150	22	50	8.5	6.5	9	4	4	¥ 54,300*
M14 × 2	P4	TY014QSAWB3G	3P	150	30	60	10.5	8	11	4	4	¥ 46,700*
M14 × 2	P4	TY014QSAWBAG	1.5P	150	30	60	10.5	8	11	4	4	¥ 46,700*
M14 × 1.5	P4	TY014OSAWB3G	3P	150	24	60	10.5	8	11	4	4	¥ 46,700*
M14 × 1.5	P4	TY014OSAWBAG	1.5P	150	24	60	10.5	8	11	4	4	¥ 46,700*
M16 × 2	P4	TY016QSAWB3G	3P	150	30	60	12.5	10	13	4	4	¥ 54,300*
M16 × 2	P4	TY016QSAWBAG	1.5P	150	30	60	12.5	10	13	4	4	¥ 54,300*
M16 × 1.5	P4	TY016OSAWB3G	3P	150	24	60	12.5	10	13	4	4	¥ 54,300*
M16 × 1.5	P4	TY016OSAWBAG	1.5P	150	24	60	12.5	10	13	4	4	¥ 54,300*
M18 × 2.5	P4	TY018RSAWB3G	3P	150	35	70	14	11	14	4	4	¥ 63,500*
M18 × 2.5	P4	TY018RSAWBAG	1.5P	150	35	70	14	11	14	4	4	¥ 63,500*
M18 × 1.5	P4	TY018OSAWB3G	3P	150	24	70	14	11	14	4	4	¥ 63,500*
M18 × 1.5	P4	TY018OSAWBAG	1.5P	150	24	70	14	11	14	4	4	¥ 63,500*
M20 × 2.5	P4	TY020RSAWB3G	3P	150	35	70	15	12	15	4	4	¥ 72,500*
M20 × 2.5	P4	TY020RSAWBAG	1.5P	150	35	70	15	12	15	4	4	¥ 72,500*
M20 × 1.5	P4	TY020OSAWB3G	3P	150	24	70	15	12	15	4	4	¥ 72,500*
M20 × 1.5	P4	TY020OSAWBAG	1.5P	150	24	70	15	12	15	4	4	¥ 72,500*
M22 × 2.5	P4	TY022RSAWB3G	3P	150	35	70	17	13	16	4	4	¥ 81,500*
M22 × 2.5	P4	TY022RSAWBAG	1.5P	150	35	70	17	13	16	4	4	¥ 81,500*
M22 × 1.5	P4	TY022OSAWB3G	3P	150	24	70	17	13	16	4	4	¥ 82,900*
M22 × 1.5	P4	TY022OSAWBAG	1.5P	150	24	70	17	13	16	4	4	¥ 82,900*
M24 × 3	P4	TY024SSAWB3G	3P	150	35	80	19	15	18	4	4	¥ 91,500*
M24 × 3	P4	TY024SSAWBAG	1.5P	150	35	80	19	15	18	4	4	¥ 91,500*
M24 × 1.5	P4	TY024OSAWB3G	3P	150	24	80	19	15	18	4	4	¥ 93,300*
M24 × 1.5	P4	TY024OSAWBAG	1.5P	150	24	80	19	15	18	4	4	¥ 93,300*