

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

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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/
Medical Surgical Instruments ⑫

JIS

③-82

LS-SU-S-PO

Long Shank Short Spiral Pointed Taps for Stainless Steels

Specification

HSS

OX
Oxide



Long shank spiral pointed tap suitable for stainless steels tending to cause work harden and sticky, as well as chrome steels and molybdenum steels. Through hole use. Tapping of rather deep holes is possible.

Tapping Speeds depending on Materials

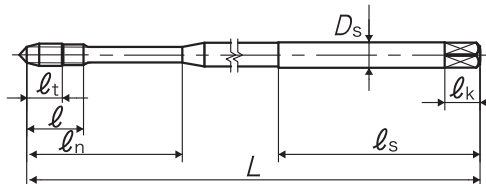
Low carbon steels
低炭素鋼
5~10
(m/min)

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

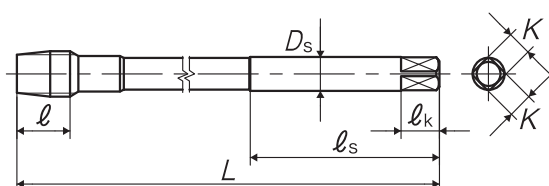
High carbon steels
高炭素鋼
5~10
(m/min)

Stainless steels
ステンレス鋼
~5
(m/min)

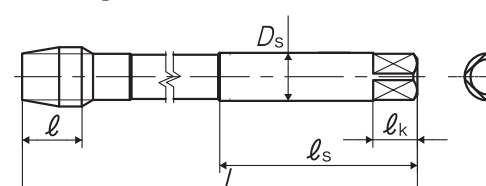
TYPE:1



TYPE:2



TYPE:3



Segment : 1E

Size	Class	Code	Chamfer	L (mm)	ℓ_t (mm)	ℓ (mm)	ℓ_n (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads														
M3 × 0.5	P2	PY3.0QGEXES	4.5P	100	5	9	28	40	4	3.2	6	3	1	¥ 4,750 *
M4 × 0.7	P2	PY4.0IQGEXES	4.5P	100	7	11	31	40	5	4	7	3	1	¥ 4,340 *
M4 × 0.7	P2	PY4.0IQGEXGS	4.5P	150	7	11	31	40	5	4	7	3	1	¥ 8,260 *
M5 × 0.8	P2	PY5.0KQGEXES	4.5P	100	9	13	38	40	5.5	4.5	7	3	1	¥ 3,800 *
M5 × 0.8	P2	PY5.0KQGEXGS	4.5P	150	9	13	38	40	5.5	4.5	7	3	1	¥ 6,420 *
M6 × 1	P2	PY6.0MQGEXES	4.5P	100	11	15	45	40	6	4.5	7	3	1	¥ 3,250 *
M6 × 1	P2	PY6.0MQGEXGS	4.5P	150	11	15	45	40	6	4.5	7	3	1	¥ 5,730 *
M8 × 1.25	P3	PY8.0NRGEXES	5P	100	-	12	-	50	6.2	5	8	3	2	¥ 4,200 *
M8 × 1.25	P3	PY8.0NRGEXGS	5P	150	-	12	-	50	6.2	5	8	3	2	¥ 7,150 *
M10 × 1.5	P3	PY010ORGEXES	5P	100	-	13	-	50	7	5.5	8	3	2	¥ 5,100 *
M10 × 1.5	P3	PY010ORGEXGS	5P	150	-	13	-	50	7	5.5	8	3	2	¥ 8,310 *
M10 × 1.25	P3	PY010NRGEXES	5P	100	-	13	-	50	7	5.5	8	3	2	¥ 5,100 *
M10 × 1.25	P3	PY010NRGEXGS	5P	150	-	13	-	50	7	5.5	8	3	2	¥ 8,310 *
M12 × 1.75	P4	PY012PSGEXES	5P	100	-	15	-	50	8.5	6.5	9	3	2	¥ 6,250 *
M12 × 1.75	P4	PY012PSGEXGS	5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 10,400 *
M12 × 1.5	P3	PY012ORGEXGS	5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 10,400 *
M12 × 1.25	P4	PY012NSGEXGS	5P	150	-	15	-	50	8.5	6.5	9	3	2	¥ 10,400 *
M14 × 2	P4	PY014QSGEXGS	5P	150	-	18	-	60	10.5	8	11	3	2	¥ 13,200 *

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA

③ Spiral Pointed Tap Series for through hole

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L	ℓt	ℓ	ℓn	ℓs	Ds	K	ℓk

JIS

LS-SU-S-PO Long Shank Short Spiral Pointed Taps for Stainless Steels

Size	Class	Code	Chamfer	L (mm)	ℓt (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M14 × 1.5	P3	PY014ORGEXGS	5P	150	-	14	-	60	10.5	8	11	3	2	¥ 13,200 ※
M16 × 2	P4	PY016QSGEXGS	5P	150	-	18	-	60	12.5	10	13	3	2	¥ 14,200 ※
M16 × 2	P4	PY016QSGEXKS	5P	200	-	18	-	60	12.5	10	13	3	2	¥ 18,700 ※
M16 × 1.5	P3	PY016ORGEXGS	5P	150	-	14	-	60	12.5	10	13	3	2	¥ 14,200 ※
M16 × 1.5	P3	PY016ORGEXKS	5P	200	-	14	-	60	12.5	10	13	3	2	¥ 18,700 ※
M18 × 2.5	P4	PY018RSGEXGS	5P	150	-	20	-	70	14	11	14	3	2	¥ 19,400 ※
M18 × 2.5	P4	PY018RSGEXKS	5P	200	-	20	-	70	14	11	14	3	2	¥ 24,400 ※
M18 × 1.5	P4	PY018OSGEXGS	5P	150	-	14	-	70	14	11	14	3	2	¥ 19,400 ※
M18 × 1.5	P4	PY018OSGEXKS	5P	200	-	14	-	70	14	11	14	3	2	¥ 24,400 ※
M20 × 2.5	P4	PY020RSGEXGS	5P	150	-	20	-	70	15	12	15	3	3	¥ 24,900 ※
M20 × 2.5	P4	PY020RSGEXKS	5P	200	-	20	-	70	15	12	15	3	3	¥ 31,000 ※
M20 × 1.5	P4	PY020OSGEXGS	5P	150	-	14	-	70	15	12	15	3	3	¥ 24,900 ※
M20 × 1.5	P4	PY020OSGEXKS	5P	200	-	14	-	70	15	12	15	3	3	¥ 31,000 ※
M22 × 2.5	P4	PY022RSGEXGS	5P	150	-	20	-	70	17	13	16	3	3	¥ 27,800 ※
M22 × 2.5	P4	PY022RSGEXKS	5P	200	-	20	-	70	17	13	16	3	3	¥ 34,400 ※
M22 × 1.5	P4	PY022OSGEXGS	5P	150	-	14	-	70	17	13	16	3	3	¥ 27,800 ※
M22 × 1.5	P4	PY022OSGEXKS	5P	200	-	14	-	70	17	13	16	3	3	¥ 34,400 ※
M24 × 3	P4	PY024SSGEXGS	5P	150	-	25	-	80	19	15	18	3	3	¥ 32,300 ※
M24 × 3	P4	PY024SSGEXKS	5P	200	-	25	-	80	19	15	18	3	3	¥ 38,700 ※
M24 × 1.5	P4	PY024OSGEXGS	5P	150	-	18	-	80	19	15	18	3	3	¥ 32,300 ※
M24 × 1.5	P4	PY024OSGEXKS	5P	200	-	18	-	80	19	15	18	3	3	¥ 38,700 ※

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

③-83

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