

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

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/
Medical Surgical Instruments

JIS

LS-N-RZ

Long Shank Roll Taps for Steels



Specification

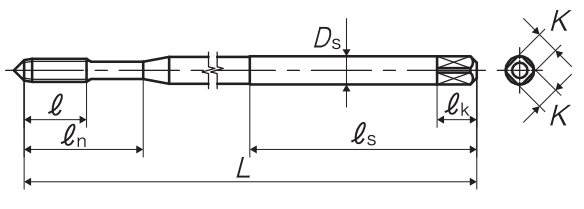


■ LS-N-RZ is the long shank forming tap suitable for ferrous materials such as carbon steels, alloy steels and normal steels.

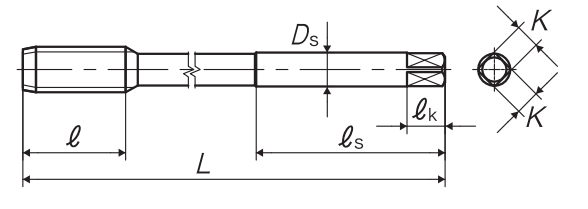
Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼	Medium carbon steels 中炭素鋼
5~15 (m/min)	5~15 (m/min)

TYPE: 1



TYPE: 2



Recommended class

Segment : 1J

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ _n (mm)	ℓ _s (mm)	D _s (mm)	K (mm)	ℓ _k (mm)	Lobe	TYPE	MSRP
For Metric Threads													
M3 × 0.5	G5	NRZF53.0GP10	4P	100	9	18	40	4	3.2	6	4	1	¥ 4,250 [※]
M3 × 0.5	G5	NRZF53.0GB10	2P	100	9	18	40	4	3.2	6	4	1	¥ 4,250 [※]
M3 × 0.5	G6	NRZF63.0GP10	4P	100	9	18	40	4	3.2	6	4	1	¥ 4,250 [※]
M3 × 0.5	G6	NRZF63.0GB10	2P	100	9	18	40	4	3.2	6	4	1	¥ 4,250 [※]
M4 × 0.7	G6	NRZF64.0IP10	4P	100	11	21	40	5	4	7	4	1	¥ 3,880 [※]
M4 × 0.7	G6	NRZF64.0IB10	2P	100	11	21	40	5	4	7	4	1	¥ 3,880 [※]
M4 × 0.7	G7	NRZF74.0IP10	4P	100	11	21	40	5	4	7	4	1	¥ 3,880 [※]
M4 × 0.7	G7	NRZF74.0IB10	2P	100	11	21	40	5	4	7	4	1	¥ 3,880 [※]
M5 × 0.8	G6	NRZF65.0KP10	4P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,390 [※]
M5 × 0.8	G6	NRZF65.0KB10	2P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,390 [※]
M5 × 0.8	G7	NRZF75.0KP10	4P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,390 [※]
M5 × 0.8	G7	NRZF75.0KB10	2P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,390 [※]
M6 × 1	G7	NRZF76.0MP10	4P	100	15	30	40	6	4.5	7	4	1	¥ 2,910 [※]
M6 × 1	G7	NRZF76.0MP15	4P	150	15	30	40	6	4.5	7	4	1	¥ 5,120 [※]
M6 × 1	G7	NRZF76.0MB10	2P	100	15	30	40	6	4.5	7	4	1	¥ 2,910 [※]
M6 × 1	G7	NRZF76.0MB15	2P	150	15	30	40	6	4.5	7	4	1	¥ 5,120 [※]
M6 × 1	G8	NRZF86.0MP10	4P	100	15	30	40	6	4.5	7	4	1	¥ 2,910 [※]
M6 × 1	G8	NRZF86.0MP15	4P	150	15	30	40	6	4.5	7	4	1	¥ 5,120 [※]
M6 × 1	G8	NRZF86.0MB10	2P	100	15	30	40	6	4.5	7	4	1	¥ 2,910 [※]
M6 × 1	G8	NRZF86.0MB15	2P	150	15	30	40	6	4.5	7	4	1	¥ 5,120 [※]
M8 × 1.25	G7	NRZM78.0NP10	4P	100	19	-	50	6.2	5	8	6	2	¥ 3,730 [※]
M8 × 1.25	G7	NRZM78.0NP15	4P	150	19	-	50	6.2	5	8	6	2	¥ 6,380 [※]
M8 × 1.25	G7	NRZM78.0NB10	2P	100	19	-	50	6.2	5	8	6	2	¥ 3,730 [※]
M8 × 1.25	G7	NRZM78.0NB15	2P	150	19	-	50	6.2	5	8	6	2	¥ 6,380 [※]

Think threads with
YAMAWA

※ = Specified Distribution Items. Made to order products.

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

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	Lobe	TYPE	MSRP
M10 × 1.5	G7	NRZM7010OP10	4P	100	23	-	50	7	5.5	8	8	2	¥ 4,540 ※
M10 × 1.5	G7	NRZM7010OP15	4P	150	23	-	50	7	5.5	8	8	2	¥ 7,410 ※
M10 × 1.5	G7	NRZM7010OB10	2P	100	23	-	50	7	5.5	8	8	2	¥ 4,540 ※
M10 × 1.5	G7	NRZM7010OB15	2P	150	23	-	50	7	5.5	8	8	2	¥ 7,410 ※
M10 × 1.25	G7	NRZM7010NP15	4P	150	23	-	50	7	5.5	8	8	2	¥ 7,410 ※
M10 × 1.25	G7	NRZM7010NB15	2P	150	23	-	50	7	5.5	8	8	2	¥ 7,410 ※

Number of oil grooves : M3~M6=4, M8=3, M10=4

For M6 and smaller, external centers of 2 thread chamfer taps are removed.

6

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

⑥-24

Think threads with
YAMAWA

※ = Specified Distribution Items. Made to order products.