

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

⑥-23

S

LS-N-RZ

Long Shank Roll Taps for Steels



Specification

HSS

OX
Oxide

2~4

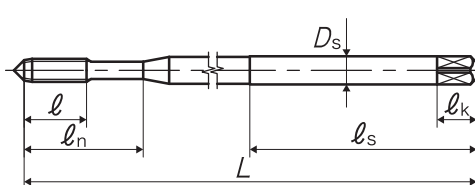
■ LS-N-RZ is the long shank forming tap suitable for ferrous materials such as carbon steels, alloy steels and normal steels.

Tapping Speeds depending on Materials

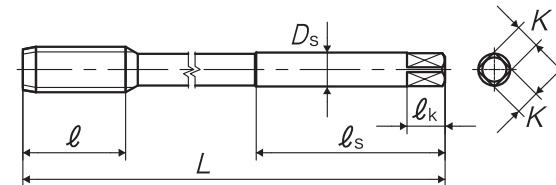
Low carbon steels
低炭素鋼
5~15
(m/min)

Medium carbon steels
中炭素鋼
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	¥ 3,790 [※]
M3 × 0.5	G5	NRZF53.0GB10	2P	100	9	18	40	4	3.2	6	4	1	¥ 3,790 [※]
M3 × 0.5	G6	NRZF63.0GP10	4P	100	9	18	40	4	3.2	6	4	1	¥ 3,790 [※]
M3 × 0.5	G6	NRZF63.0GB10	2P	100	9	18	40	4	3.2	6	4	1	¥ 3,790 [※]
M4 × 0.7	G6	NRZF64.0IP10	4P	100	11	21	40	5	4	7	4	1	¥ 3,460 [※]
M4 × 0.7	G6	NRZF64.0IB10	2P	100	11	21	40	5	4	7	4	1	¥ 3,460 [※]
M4 × 0.7	G7	NRZF74.0IP10	4P	100	11	21	40	5	4	7	4	1	¥ 3,460 [※]
M4 × 0.7	G7	NRZF74.0IB10	2P	100	11	21	40	5	4	7	4	1	¥ 3,460 [※]
M5 × 0.8	G6	NRZF65.0KP10	4P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 [※]
M5 × 0.8	G6	NRZF65.0KB10	2P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 [※]
M5 × 0.8	G7	NRZF75.0KP10	4P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 [※]
M5 × 0.8	G7	NRZF75.0KB10	2P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 [※]
M6 × 1	G7	NRZF76.0MP10	4P	100	15	30	40	6	4.5	7	4	1	¥ 2,590 [※]
M6 × 1	G7	NRZF76.0MP15	4P	150	15	30	40	6	4.5	7	4	1	¥ 4,570 [※]
M6 × 1	G7	NRZF76.0MB10	2P	100	15	30	40	6	4.5	7	4	1	¥ 2,590 [※]
M6 × 1	G7	NRZF76.0MB15	2P	150	15	30	40	6	4.5	7	4	1	¥ 4,570 [※]
M6 × 1	G8	NRZF86.0MP10	4P	100	15	30	40	6	4.5	7	4	1	¥ 2,590 [※]
M6 × 1	G8	NRZF86.0MP15	4P	150	15	30	40	6	4.5	7	4	1	¥ 4,570 [※]
M6 × 1	G8	NRZF86.0MB10	2P	100	15	30	40	6	4.5	7	4	1	¥ 2,590 [※]
M6 × 1	G8	NRZF86.0MB15	2P	150	15	30	40	6	4.5	7	4	1	¥ 4,570 [※]
M8 × 1.25	G7	NRZM78.0NP10	4P	100	19	-	50	6.2	5	8	6	2	¥ 3,270 [※]
M8 × 1.25	G7	NRZM78.0NP15	4P	150	19	-	50	6.2	5	8	6	2	¥ 5,590 [※]
M8 × 1.25	G7	NRZM78.0NB10	2P	100	19	-	50	6.2	5	8	6	2	¥ 3,270 [※]
M8 × 1.25	G7	NRZM78.0NB15	2P	150	19	-	50	6.2	5	8	6	2	¥ 5,590 [※]

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	¥ 3,980 ※
M10 × 1.5	G7	NRZM7010OP15	4P	150	23	-	50	7	5.5	8	8	2	¥ 6,500 ※
M10 × 1.5	G7	NRZM7010OB10	2P	100	23	-	50	7	5.5	8	8	2	¥ 3,980 ※
M10 × 1.5	G7	NRZM7010OB15	2P	150	23	-	50	7	5.5	8	8	2	¥ 6,500 ※
M10 × 1.25	G7	NRZM7010NP15	4P	150	23	-	50	7	5.5	8	8	2	¥ 6,500 ※
M10 × 1.25	G7	NRZM7010NB15	2P	150	23	-	50	7	5.5	8	8	2	¥ 6,500 ※

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

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

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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