

LS-N-RS

Long Shank Roll Taps for Non-Ferrous Materials

Specification

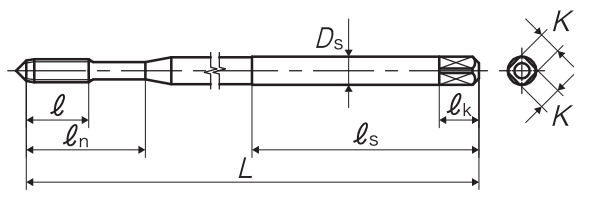


■ LS-N-RS is the long shank forming tap suitable for non-ferrous materials such as aluminum castings, aluminum diecasting and brass.

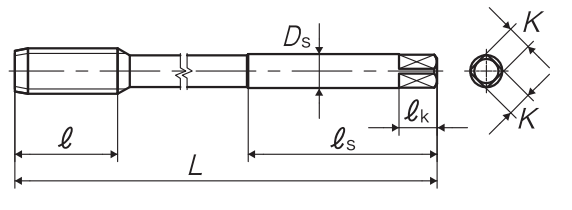
Tapping Speeds depending on Materials

Wrought aluminum アルミ圧延材	Aluminum alloy castings アルミ合金鋳物	Zinc alloy castings 亜鉛合金鋳物
5~15 (m/min)	5~15 (m/min)	5~15 (m/min)

TYPE: 1



TYPE: 2



Recommended class

Segment : 1J

Size	Class	Code	Chamfer	L (mm)	l (mm)	ln (mm)	ls (mm)	Ds (mm)	K (mm)	lk (mm)	Lobe	TYPE	MSRP
For Metric Threads													
M3 × 0.5	G5	NRSF53.0GP10	4P	100	9	18	40	4	3.2	6	4	1	¥ 3,790
M3 × 0.5	G5	NRSF53.0GB10	2P	100	9	18	40	4	3.2	6	4	1	¥ 3,790
M3 × 0.5	G6	NRSF63.0GP10	4P	100	9	18	40	4	3.2	6	4	1	¥ 3,790
M3 × 0.5	G6	NRSF63.0GB10	2P	100	9	18	40	4	3.2	6	4	1	¥ 3,790
M4 × 0.7	G6	NRSF64.0IP10	4P	100	11	21	40	5	4	7	4	1	¥ 3,460
M4 × 0.7	G6	NRSF64.0IB10	2P	100	11	21	40	5	4	7	4	1	¥ 3,460
M4 × 0.7	G7	NRSF74.0IP10	4P	100	11	21	40	5	4	7	4	1	¥ 3,460
M4 × 0.7	G7	NRSF74.0IB10	2P	100	11	21	40	5	4	7	4	1	¥ 3,460
M5 × 0.8	G6	NRSF65.0KP10	4P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 *
M5 × 0.8	G6	NRSF65.0KB10	2P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 *
M5 × 0.8	G7	NRSF75.0KP10	4P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 *
M5 × 0.8	G7	NRSF75.0KB10	2P	100	13	25	40	5.5	4.5	7	4	1	¥ 3,020 *
M6 × 1	G7	NRSF76.0MP10	4P	100	15	30	40	6	4.5	7	4	1	¥ 2,590
M6 × 1	G7	NRSF76.0MP15	4P	150	15	30	40	6	4.5	7	4	1	¥ 4,570
M6 × 1	G7	NRSF76.0MB10	2P	100	15	30	40	6	4.5	7	4	1	¥ 2,590
M6 × 1	G7	NRSF76.0MB15	2P	150	15	30	40	6	4.5	7	4	1	¥ 4,570
M6 × 1	G8	NRSF86.0MP10	4P	100	15	30	40	6	4.5	7	4	1	¥ 2,590 *
M6 × 1	G8	NRSF86.0MP15	4P	150	15	30	40	6	4.5	7	4	1	¥ 4,570 *
M6 × 1	G8	NRSF86.0MB10	2P	100	15	30	40	6	4.5	7	4	1	¥ 2,590 *
M6 × 1	G8	NRSF86.0MB15	2P	150	15	30	40	6	4.5	7	4	1	¥ 4,570 *
M8 × 1.25	G7	NRSM78.0NP10	4P	100	19	-	50	6.2	5	8	6	2	¥ 3,270 *
M8 × 1.25	G7	NRSM78.0NP15	4P	150	19	-	50	6.2	5	8	6	2	¥ 5,590 *
M8 × 1.25	G7	NRSM78.0NB10	2P	100	19	-	50	6.2	5	8	6	2	¥ 3,270 *
M8 × 1.25	G7	NRSM78.0NB15	2P	150	19	-	50	6.2	5	8	6	2	¥ 5,590 *

* = Specified Distribution Items. Made to order products.

⑥ Roll Tap Series

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

JIS

LS-N-RS Long Shank Roll Taps for Non-Ferrous Materials

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	NRSM7010OP10	4P	100	23	-	50	7	5.5	8	6	2	¥ 3,980 ※
M10 × 1.5	G7	NRSM7010OP15	4P	150	23	-	50	7	5.5	8	6	2	¥ 6,500 ※
M10 × 1.5	G7	NRSM7010OB10	2P	100	23	-	50	7	5.5	8	6	2	¥ 3,980 ※
M10 × 1.5	G7	NRSM7010OB15	2P	150	23	-	50	7	5.5	8	6	2	¥ 6,500 ※
M10 × 1.25	G7	NRSM7010NB10	2P	100	23	-	50	7	5.5	8	6	2	¥ 3,980 ※
M10 × 1.25	G7	NRSM7010NB15	2P	150	23	-	50	7	5.5	8	6	2	¥ 6,500 ※

Number of oil grooves : 1

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

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

⑥-37



※ = Specified Distribution Items. Made to order products.