

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ_n	ℓ_s	Ds	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

⑥-25



N+RS N-RS

Roll Taps for Non-Ferrous Materials

Specification



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)

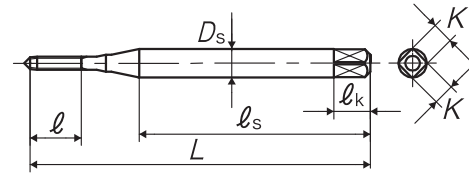
■ N+RS/N-RS are the forming taps suitable for non-ferrous materials such as aluminum castings, aluminum diecasting and brass.

• Product symbol is distinguished depend on the size.

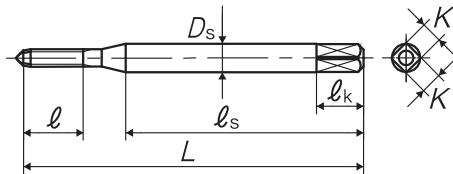
N+RS	~ M6 (coarse thread)
N-RS	~ M6 (fine threads), M7~, all U, all



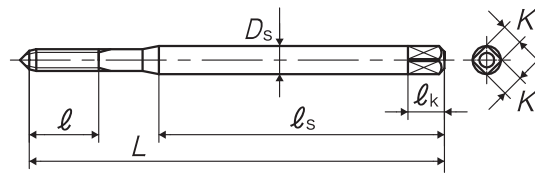
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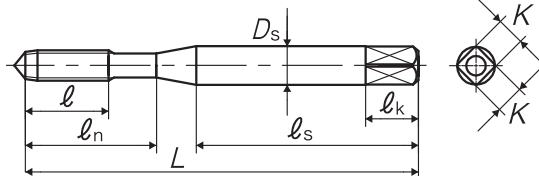
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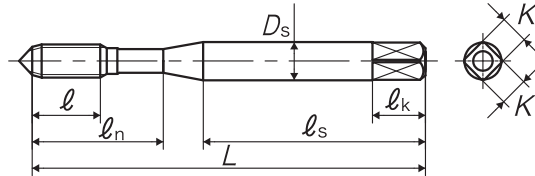
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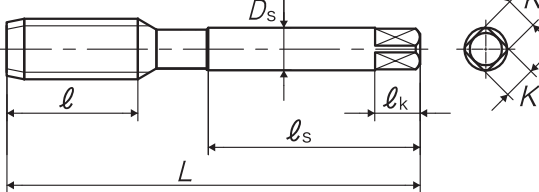
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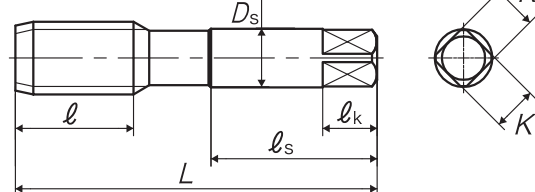
TYPE:5



TYPE:6



TYPE:7



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

N+RS Roll Taps for Non-Ferrous Materials

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													
M1 × 0.25	G4	NRSP41.0BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620
M1 × 0.25	G4	NRSP41.0BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620
M1 × 0.25	G5	NRSP51.0BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620 *
M1 × 0.25	G5	NRSP51.0BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620 *
M1.2 × 0.25	G4	NRSP41.2BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620
M1.2 × 0.25	G4	NRSP41.2BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620
M1.2 × 0.25	G5	NRSP51.2BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620
M1.2 × 0.25	G5	NRSP51.2BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 3,620
M1.4 × 0.3	G4	NRSP41.4CP	4P	36	5.4	-	24	3	2.5	5	4	1	¥ 2,960
M1.4 × 0.3	G4	NRSP41.4CB	2P	36	5.4	-	24	3	2.5	5	4	1	¥ 2,960
M1.4 × 0.3	G5	NRSP51.4CP	4P	36	5.4	-	24	3	2.5	5	4	1	¥ 2,960
M1.4 × 0.3	G5	NRSP51.4CB	2P	36	5.4	-	24	3	2.5	5	4	1	¥ 2,960
M1.6 × 0.35	G4	NRSP41.6DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.6 × 0.35	G4	NRSP41.6DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.6 × 0.35	G5	NRSP51.6DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.6 × 0.35	G5	NRSP51.6DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.6 × 0.35	G6	NRSP61.6DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830 *
M1.6 × 0.35	G6	NRSP61.6DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830 *
M1.7 × 0.35	G4	NRSP41.7DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.7 × 0.35	G4	NRSP41.7DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.7 × 0.35	G5	NRSP51.7DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.7 × 0.35	G5	NRSP51.7DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.7 × 0.35	G6	NRSP61.7DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.7 × 0.35	G6	NRSP61.7DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 2,830
M1.8 × 0.35	G4	NRSP41.8DP	4P	42	6.3	-	27	3	2.5	5	4	2	¥ 2,830 *
M1.8 × 0.35	G4	NRSP41.8DB	2P	42	6.3	-	27	3	2.5	5	4	2	¥ 2,830 *
M1.8 × 0.35	G5	NRSP51.8DP	4P	42	6.3	-	27	3	2.5	5	4	2	¥ 2,830 *
M1.8 × 0.35	G5	NRSP51.8DB	2P	42	6.3	-	27	3	2.5	5	4	2	¥ 2,830 *
M2 × 0.4	G4	NRSP42.0EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,290
M2 × 0.4	G4	NRSP42.0EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,290
M2 × 0.4	G5	NRSP52.0EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,290
M2 × 0.4	G5	NRSP52.0EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,290
M2 × 0.4	G6	NRSP62.0EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,290
M2 × 0.4	G6	NRSP62.0EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,290
M2.3 × 0.4	G4	NRSP42.3EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,060
M2.3 × 0.4	G4	NRSP42.3EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,060
M2.3 × 0.4	G5	NRSP52.3EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,060
M2.3 × 0.4	G5	NRSP52.3EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,060
M2.3 × 0.4	G6	NRSP62.3EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,060 *
M2.3 × 0.4	G6	NRSP62.3EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 2,060 *
M2.5 × 0.45	G5	NRSP52.5FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750
M2.5 × 0.45	G5	NRSP52.5FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750
M2.5 × 0.45	G6	NRSP62.5FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750
M2.5 × 0.45	G6	NRSP62.5FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750
M2.6 × 0.45	G5	NRSP52.6FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750
M2.6 × 0.45	G5	NRSP52.6FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750
M2.6 × 0.45	G6	NRSP62.6FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750
M2.6 × 0.45	G6	NRSP62.6FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,750

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA

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/
Metal Surgical Instruments

⑫

JIS

⑥-26

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

N+RS 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
M3 × 0.5	G5	NRSP53.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 1,590
M3 × 0.5	G5	NRSP53.0GB	2P	46	9	14	26	4	3.2	6	4	4	¥ 1,590
M3 × 0.5	G6	NRSP63.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 1,590
M3 × 0.5	G6	NRSP63.0GB	2P	46	9	14	26	4	3.2	6	4	4	¥ 1,590
M3 × 0.5	G7	NRSP73.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 1,590
M3 × 0.5	G7	NRSP73.0GB	2P	46	9	14	26	4	3.2	6	4	4	¥ 1,590
M3 × 0.5	G8	NRSP83.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 1,590 ※
M3 × 0.5	G8	NRSP83.0GB	2P	46	9	14	26	4	3.2	6	4	4	¥ 1,590 ※
M3.5 × 0.6	G5	NRSP53.5HP	4P	52	11	16	29	5	4	7	4	4	¥ 1,590
M3.5 × 0.6	G5	NRSP53.5HB	2P	52	11	16	29	5	4	7	4	4	¥ 1,590
M3.5 × 0.6	G6	NRSP63.5HP	4P	52	11	16	29	5	4	7	4	4	¥ 1,590
M3.5 × 0.6	G6	NRSP63.5HB	2P	52	11	16	29	5	4	7	4	4	¥ 1,590
M3.5 × 0.6	G7	NRSP73.5HP	4P	52	11	16	29	5	4	7	4	4	¥ 1,590 ※
M4 × 0.7	G5	NRSP54.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 1,590
M4 × 0.7	G5	NRSP54.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 1,590
M4 × 0.7	G6	NRSP64.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 1,590
M4 × 0.7	G6	NRSP64.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 1,590
M4 × 0.7	G7	NRSP74.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 1,590
M4 × 0.7	G7	NRSP74.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 1,590
M4 × 0.7	G8	NRSP84.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 1,590 ※
M4 × 0.7	G8	NRSP84.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 1,590 ※
M5 × 0.8	G5	NRSP55.0KP	4P	60	13	22	33	5.5	4.5	7	4	4	¥ 1,600 ※
M5 × 0.8	G5	NRSP55.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 1,600 ※
M5 × 0.8	G6	NRSP65.0KP	4P	60	13	22	33	5.5	4.5	7	4	4	¥ 1,600
M5 × 0.8	G6	NRSP65.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 1,600
M5 × 0.8	G7	NRSP75.0KP	4P	60	13	22	33	5.5	4.5	7	4	4	¥ 1,600
M5 × 0.8	G7	NRSP75.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 1,600
M5 × 0.8	G8	NRSP85.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 1,600 ※
M6 × 1	G5	NRSP56.0MP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,740 ※
M6 × 1	G5	NRSP56.0MB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,740 ※
M6 × 1	G6	NRSP66.0MP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,740
M6 × 1	G6	NRSP66.0MB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,740
M6 × 1	G7	NRSP76.0MP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,740
M6 × 1	G7	NRSP76.0MB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,740
M6 × 1	G8	NRSP86.0MP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,740 ※
M6 × 1	G8	NRSP86.0MB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,740 ※

N-RS Roll Taps for Non-Ferrous Materials

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													
M2 × 0.25	G4	NRSM42.0BP	4P	42	4.5	-	27	3	2.5	5	4	3	¥ 3,480 ※
M2 × 0.25	G4	NRSM42.0BB	2P	42	4.5	-	27	3	2.5	5	4	3	¥ 3,480 ※
M2 × 0.25	G5	NRSM52.0BP	4P	42	4.5	-	27	3	2.5	5	4	3	¥ 3,480 ※
M2 × 0.25	G5	NRSM52.0BB	2P	42	4.5	-	27	3	2.5	5	4	3	¥ 3,480 ※
M2.5 × 0.35	G4	NRSM42.5DP	4P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 ※
M2.5 × 0.35	G4	NRSM42.5DB	2P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 ※
M2.5 × 0.35	G5	NRSM52.5DP	4P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 ※
M2.5 × 0.35	G5	NRSM52.5DB	2P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 ※

Think threads with
YAMAWA

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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

⑥-27

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

6

JIS

N-RS 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
M2.6 × 0.35	G5	NRSM52.6DP	4P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 *
M2.6 × 0.35	G5	NRSM52.6DB	2P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 *
M2.6 × 0.35	G6	NRSM62.6DP	4P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 *
M2.6 × 0.35	G6	NRSM62.6DB	2P	46	6.3	14	29	3	2.5	5	4	5	¥ 2,580 *
M3 × 0.35	G5	NRSM53.0DP	4P	46	6.5	14	26	4	3.2	6	4	5	¥ 2,690 *
M3 × 0.35	G5	NRSM53.0DB	2P	46	6.5	14	26	4	3.2	6	4	5	¥ 2,690 *
M3 × 0.35	G6	NRSM63.0DP	4P	46	6.5	14	26	4	3.2	6	4	5	¥ 2,690 *
M3 × 0.35	G6	NRSM63.0DB	2P	46	6.5	14	26	4	3.2	6	4	5	¥ 2,690 *
M3.5 × 0.35	G5	NRSM53.5DP	4P	52	6.5	16	29	5	4	7	4	5	¥ 2,690 *
M3.5 × 0.35	G5	NRSM53.5DB	2P	52	6.5	16	29	5	4	7	4	5	¥ 2,690 *
M3.5 × 0.35	G6	NRSM63.5DP	4P	52	6.5	16	29	5	4	7	4	5	¥ 2,690 *
M3.5 × 0.35	G6	NRSM63.5DB	2P	52	6.5	16	29	5	4	7	4	5	¥ 2,690 *
M4 × 0.5	G6	NRSM64.0GP	4P	52	9	17	29	5	4	7	4	5	¥ 2,320 *
M4 × 0.5	G6	NRSM64.0GB	2P	52	9	17	29	5	4	7	4	5	¥ 2,320 *
M4 × 0.5	G7	NRSM74.0GP	4P	52	9	17	29	5	4	7	4	5	¥ 2,320 *
M4 × 0.5	G7	NRSM74.0GB	2P	52	9	17	29	5	4	7	4	5	¥ 2,320 *
M5 × 0.5	G6	NRSM65.0GP	4P	60	9	22	33	5.5	4.5	7	4	5	¥ 2,320 *
M5 × 0.5	G6	NRSM65.0GB	2P	60	9	22	33	5.5	4.5	7	4	5	¥ 2,320 *
M5 × 0.5	G7	NRSM75.0GP	4P	60	9	22	33	5.5	4.5	7	4	5	¥ 2,320 *
M5 × 0.5	G7	NRSM75.0GB	2P	60	9	22	33	5.5	4.5	7	4	5	¥ 2,320 *
M6 × 0.75	G6	NRSM66.0JP	4P	62	15	26	33	6	4.5	7	4	4	¥ 2,470 *
M6 × 0.75	G6	NRSM66.0JB	2P	62	15	26	33	6	4.5	7	4	4	¥ 2,470 *
M6 × 0.75	G7	NRSM76.0JP	4P	62	15	26	33	6	4.5	7	4	4	¥ 2,470 *
M6 × 0.75	G7	NRSM76.0JB	2P	62	15	26	33	6	4.5	7	4	4	¥ 2,470 *
M6 × 0.5	G6	NRSM66.0GP	4P	62	9	26	33	6	4.5	7	4	5	¥ 2,470 *
M6 × 0.5	G6	NRSM66.0GB	2P	62	9	26	33	6	4.5	7	4	5	¥ 2,470 *
M7 × 1	G6	NRSM67.0MP	4P	70	19	-	36	6.2	5	8	4	6	¥ 2,150 *
M7 × 1	G6	NRSM67.0MB	2P	70	19	-	36	6.2	5	8	4	6	¥ 2,150 *
M7 × 1	G7	NRSM77.0MP	4P	70	19	-	36	6.2	5	8	4	6	¥ 2,150 *
M7 × 1	G7	NRSM77.0MB	2P	70	19	-	36	6.2	5	8	4	6	¥ 2,150 *
M7 × 0.75	G7	NRSM77.0JP	4P	70	19	-	36	6.2	5	8	4	6	¥ 3,190 *
M7 × 0.75	G7	NRSM77.0JB	2P	70	19	-	36	6.2	5	8	4	6	¥ 3,190 *
M8 × 1.25	G7	NRSM78.0NP	4P	70	19	-	36	6.2	5	8	6	6	¥ 2,480
M8 × 1.25	G7	NRSM78.0NB	2P	70	19	-	36	6.2	5	8	6	6	¥ 2,480
M8 × 1.25	G8	NRSM88.0NP	4P	70	19	-	36	6.2	5	8	6	6	¥ 2,480
M8 × 1.25	G8	NRSM88.0NB	2P	70	19	-	36	6.2	5	8	6	6	¥ 2,480
M8 × 1	G7	NRSM78.0MP	4P	70	19	-	36	6.2	5	8	6	6	¥ 2,830 *
M8 × 1	G7	NRSM78.0MB	2P	70	19	-	36	6.2	5	8	6	6	¥ 2,830 *
M8 × 0.75	G7	NRSM78.0JP	4P	70	19	-	36	6.2	5	8	6	6	¥ 3,190 *
M8 × 0.75	G7	NRSM78.0JB	2P	70	19	-	36	6.2	5	8	6	6	¥ 3,190 *
M10 × 1.5	G7	NRSM7010OP	4P	75	23	-	38	7	5.5	8	6	6	¥ 3,150
M10 × 1.5	G7	NRSM7010OB	2P	75	23	-	38	7	5.5	8	6	6	¥ 3,150
M10 × 1.5	G8	NRSM8010OP	4P	75	23	-	38	7	5.5	8	6	6	¥ 3,150 *
M10 × 1.5	G8	NRSM8010OB	2P	75	23	-	38	7	5.5	8	6	6	¥ 3,150 *
M10 × 1.25	G7	NRSM7010NP	4P	75	23	-	38	7	5.5	8	6	6	¥ 3,150 *
M10 × 1.25	G7	NRSM7010NB	2P	75	23	-	38	7	5.5	8	6	6	¥ 3,150 *
M10 × 1.25	G8	NRSM8010NP	4P	75	23	-	38	7	5.5	8	6	6	¥ 3,150 *
M10 × 1.25	G8	NRSM8010NB	2P	75	23	-	38	7	5.5	8	6	6	¥ 3,150 *
M10 × 1	G7	NRSM7010MP	4P	75	23	-	38	7	5.5	8	6	6	¥ 3,760 *
M10 × 1	G7	NRSM7010MB	2P	75	23	-	38	7	5.5	8	6	6	¥ 3,760 *

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

JIS

⑥-28

※ = Specified Distribution Items. Made to order products.

 Think threads with
YAMAWA

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

N-RS 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
① Spiral Fluted Taps (for blind hole)	M12 × 1.75	G8	NRSM8012PP	4P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.75	G8	NRSM8012PB	2P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.75	G9	NRSM9012PP	4P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
② Spiral Fluted Taps (for through hole)	M12 × 1.75	G9	NRSM9012PB	2P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.5	G8	NRSM8012OP	4P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.5	G8	NRSM8012OB	2P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
③ Spiral Pointed Taps (for through hole)	M12 × 1.5	G9	NRSM9012OP	4P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.5	G9	NRSM9012OB	2P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.25	G8	NRSM8012NP	4P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
④ Hand Taps	M12 × 1.25	G8	NRSM8012NB	2P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.25	G9	NRSM9012NP	4P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
	M12 × 1.25	G9	NRSM9012NB	2P	82	26	-	42	8.5	6.5	9	6	6	¥ 4,490 ※
⑤ Cemented Carbide Taps	M12 × 1	G7	NRSM7012MP	4P	82	26	-	42	8.5	6.5	9	6	6	¥ 5,250 ※
	M12 × 1	G7	NRSM7012MB	2P	82	26	-	42	8.5	6.5	9	6	6	¥ 5,250 ※
	M14 × 2	G9	NRSM9014QP	4P	88	26	-	45	10.5	8	11	6	6	¥ 6,130 ※
⑥ Roll Taps	M14 × 2	G9	NRSM9014QB	2P	88	26	-	45	10.5	8	11	6	6	¥ 6,130 ※
	M14 × 2	G10	NRSM0014QP	4P	88	26	-	45	10.5	8	11	6	6	¥ 6,130 ※
	M14 × 2	G10	NRSM0014QB	2P	88	26	-	45	10.5	8	11	6	6	¥ 6,130 ※
⑦ Special Thread Taps Simple Inspection Tools	M14 × 1.5	G9	NRSM9014OP	4P	88	26	-	45	10.5	8	11	6	6	¥ 6,130 ※
	M14 × 1.5	G9	NRSM9014OB	2P	88	26	-	45	10.5	8	11	6	6	¥ 6,130 ※
	M14 × 1	G8	NRSM8014MP	4P	88	26	-	45	10.5	8	11	6	6	¥ 7,090 ※
⑧ Pipe Taps	M14 × 1	G8	NRSM8014MB	2P	88	26	-	45	10.5	8	11	6	6	¥ 7,090 ※
	M16 × 2	G9	NRSM9016QP	4P	95	26	-	48	12.5	10	13	6	6	¥ 8,160 ※
	M16 × 2	G9	NRSM9016QB	2P	95	26	-	48	12.5	10	13	6	6	¥ 8,160 ※
⑨ Thread Mills Premium Thread Mills	M16 × 2	G10	NRSM0016QP	4P	95	26	-	48	12.5	10	13	6	6	¥ 8,160 ※
	M16 × 2	G10	NRSM0016QB	2P	95	26	-	48	12.5	10	13	6	6	¥ 8,160 ※
	M16 × 1.5	G9	NRSM9016OP	4P	95	26	-	48	12.5	10	13	6	6	¥ 8,160 ※
⑩ Dies	M16 × 1.5	G9	NRSM9016OB	2P	95	26	-	48	12.5	10	13	6	6	¥ 8,160 ※
	M16 × 1	G8	NRSM8016MP	4P	95	26	-	48	12.5	10	13	6	6	¥ 9,750 ※
	M16 × 1	G8	NRSM8016MB	2P	95	26	-	48	12.5	10	13	6	6	¥ 9,750 ※
⑪ Center Drills Centering Tools	M18 × 1.5	G9	NRSM9018OP	4P	100	33	-	51	14	11	14	6	6	¥ 11,000 ※
	M18 × 1.5	G9	NRSM9018OB	2P	100	33	-	51	14	11	14	6	6	¥ 11,000 ※
	M20 × 2.5	G11	NRSM1020RP	4P	105	33	-	50	15	12	15	6	7	¥ 15,100 ※
⑫ Precision Machinery/ Medical Surgical Instruments	M20 × 2.5	G11	NRSM1020RB	2P	105	33	-	50	15	12	15	6	7	¥ 15,100 ※
	M20 × 1.5	G9	NRSM9020OP	4P	105	33	-	50	15	12	15	6	7	¥ 15,100 ※
	M20 × 1.5	G9	NRSM9020OB	2P	105	33	-	50	15	12	15	6	7	¥ 15,100 ※
	M20 × 1.5	G10	NRSM0020OP	4P	105	33	-	50	15	12	15	6	7	¥ 15,100 ※
	M20 × 1.5	G10	NRSM0020OB	2P	105	33	-	50	15	12	15	6	7	¥ 15,100 ※
	For Unified Threads													
	No.0-80UNF	G5	NRSM5UN0BP	4P	36	6.3	-	24	3	2.5	5	3	2	¥ 3,240 ※
	No.0-80UNF	G5	NRSM5UN0BB	2P	36	6.3	-	24	3	2.5	5	3	2	¥ 3,240 ※
	No.1-72UNF	G5	NRSM5UN1CP	4P	42	7.2	-	27	3	2.5	5	3	2	¥ 3,240 ※
	No.1-72UNF	G5	NRSM5UN1CB	2P	42	7.2	-	27	3	2.5	5	3	2	¥ 3,240 ※
	No.2-56UNC	G4	NRSM4UN2EP	4P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 ※
	No.2-56UNC	G4	NRSM4UN2EB	2P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 ※
	No.2-56UNC	G5	NRSM5UN2EP	4P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 ※
	No.2-56UNC	G5	NRSM5UN2EB	2P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 ※
	No.2-56UNC	G6	NRSM6UN2EP	4P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 ※
	No.2-56UNC	G6	NRSM6UN2EB	2P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 ※
	No.2-56UNC	G7	NRSM7UN2EP	4P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 ※



※ = 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

6

JIS

N-RS 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
No.2-56UNC	G7	NRSM7UN2EB	2P	42	8.1	-	27	3	2.5	5	4	3	¥ 2,370 *
No.3-48UNC	G4	NRSM4UN3FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,980 *
No.3-48UNC	G4	NRSM4UN3FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,980 *
No.3-48UNC	G5	NRSM5UN3FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,980 *
No.3-48UNC	G5	NRSM5UN3FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 1,980 *
No.4-40UNC	G5	NRSM5UN4HP	4P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-40UNC	G5	NRSM5UN4HB	2P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-40UNC	G6	NRSM6UN4HP	4P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-40UNC	G6	NRSM6UN4HB	2P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-40UNC	G7	NRSM7UN4HP	4P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-40UNC	G7	NRSM7UN4HB	2P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-48UNF	G5	NRSM5UN4FP	4P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-48UNF	G5	NRSM5UN4FB	2P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-48UNF	G6	NRSM6UN4FP	4P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.4-48UNF	G6	NRSM6UN4FB	2P	46	9	14	25	4	3.2	6	4	4	¥ 1,970 *
No.5-40UNC	G5	NRSM5UN5HP	4P	52	11	16	28	5	4	7	4	4	¥ 1,830 *
No.5-44UNF	G6	NRSM6UN5GB	2P	52	11	16	28	5	4	7	4	4	¥ 1,830 *
No.6-32UNC	G5	NRSM5UN6JP	4P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.6-32UNC	G5	NRSM5UN6JB	2P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.6-32UNC	G6	NRSM6UN6JP	4P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.6-32UNC	G6	NRSM6UN6JB	2P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.6-32UNC	G7	NRSM7UN6JP	4P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.6-32UNC	G7	NRSM7UN6JB	2P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.6-40UNF	G5	NRSM5UN6HP	4P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.6-40UNF	G5	NRSM5UN6HB	2P	52	11	17	27	5	4	7	4	4	¥ 1,830 *
No.8-32UNC	G6	NRSM6UN8JP	4P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.8-32UNC	G6	NRSM6UN8JB	2P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.8-32UNC	G7	NRSM7UN8JP	4P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.8-32UNC	G7	NRSM7UN8JB	2P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.8-32UNC	G8	NRSM8UN8JP	4P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.8-36UNF	G5	NRSM5UN8IP	4P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.8-36UNF	G5	NRSM5UN8IB	2P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.8-36UNF	G6	NRSM6UN8IB	2P	60	13	22	31	5.5	4.5	7	4	4	¥ 1,850 *
No.10-24UNC	G6	NRSM6UNAMP	4P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
No.10-24UNC	G6	NRSM6UNAMB	2P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
No.10-24UNC	G7	NRSM7UNAMP	4P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
No.10-24UNC	G7	NRSM7UNAMB	2P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
No.10-32UNF	G6	NRSM6UNAJP	4P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
No.10-32UNF	G6	NRSM6UNAJB	2P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
No.10-32UNF	G7	NRSM7UNAJP	4P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
No.10-32UNF	G7	NRSM7UNAJB	2P	60	13	22	32	5.5	4.5	7	4	4	¥ 1,850 *
1/4-20UNC	G6	NRSM6U04NP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-20UNC	G6	NRSM6U04NB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-20UNC	G7	NRSM7U04NP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-20UNC	G7	NRSM7U04NB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-20UNC	G8	NRSM8U04NP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-20UNC	G8	NRSM8U04NB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-28UNF	G6	NRSM6U04KP	4P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-28UNF	G6	NRSM6U04KB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *
1/4-28UNF	G7	NRSM7U04KB	2P	62	15	26	33	6	4.5	7	4	4	¥ 1,980 *

Number of oil grooves : Metric thread : M2.6 and smaller=non, M3 and larger=1 Unified thread : No.4 and smaller=non, No.5 and larger=1 For M4 and smaller, external centers of 2 thread chamfer taps are removed.
M5 to M6 taps with 2P chamfer have internal center at the front end.

* = Specified Distribution Items. Made to order products.

Think threads with
YAMAWA

Spiral Fluted Taps
(for blind hole)

①

Spiral Fluted Taps
(for through hole)

②

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(for through hole)

③

Hand Taps

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Cemented
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⑧

Thread Mills
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JIS

⑥-30