

R+V Roll Taps, Coated

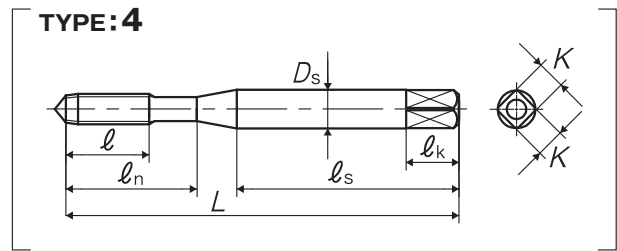
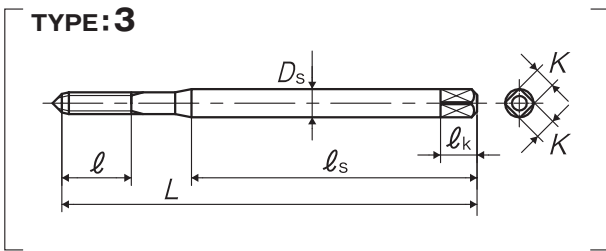
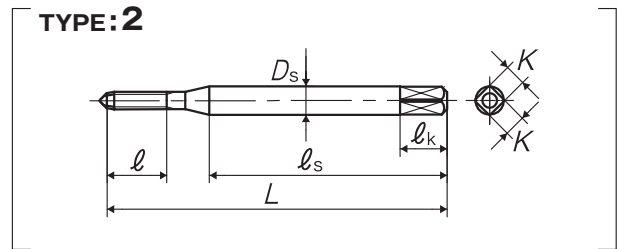
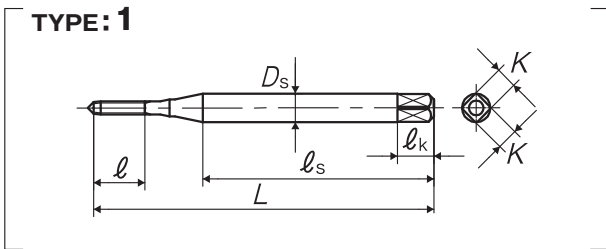
Specification



■ R+V is coated forming tap for ferrous and non-ferrous materials. Optimum coating suitable to the tapping condition.

Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼	Medium carbon steels 中炭素鋼	Stainless steels ステンレス鋼	Copper 銅	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
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)	10~20 (m/min)	10~20 (m/min)	10~20 (m/min)	10~20 (m/min)



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													
M1 × 0.25	G4	RVP41.0BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270
M1 × 0.25	G4	RVP41.0BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270
M1 × 0.25	G5	RVP51.0BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270*
M1 × 0.25	G5	RVP51.0BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270*
M1.2 × 0.25	G4	RVP41.2BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270
M1.2 × 0.25	G4	RVP41.2BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270
M1.2 × 0.25	G5	RVP51.2BP	4P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270*
M1.2 × 0.25	G5	RVP51.2BB	2P	36	4.5	-	24	3	2.5	5	4	1	¥ 5,270*
M1.4 × 0.3	G4	RVP41.4CP	4P	36	5.4	-	24	3	2.5	5	4	1	¥ 4,740
M1.4 × 0.3	G4	RVP41.4CB	2P	36	5.4	-	24	3	2.5	5	4	1	¥ 4,740
M1.4 × 0.3	G5	RVP51.4CP	4P	36	5.4	-	24	3	2.5	5	4	1	¥ 4,740
M1.4 × 0.3	G5	RVP51.4CB	2P	36	5.4	-	24	3	2.5	5	4	1	¥ 4,740
M1.6 × 0.35	G4	RVP41.6DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
M1.6 × 0.35	G4	RVP41.6DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
M1.6 × 0.35	G5	RVP51.6DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
M1.6 × 0.35	G5	RVP51.6DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
M1.6 × 0.35	G6	RVP61.6DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540*

* = 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

R+V Roll Taps, Coated

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)	M1.7 × 0.35	G4	RVP41.7DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
	M1.7 × 0.35	G4	RVP41.7DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
② Spiral Fluted Taps (for through hole)	M1.7 × 0.35	G5	RVP51.7DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
	M1.7 × 0.35	G5	RVP51.7DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540
③ Spiral Pointed Taps (for through hole)	M1.7 × 0.35	G6	RVP61.7DP	4P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540*
	M1.7 × 0.35	G6	RVP61.7DB	2P	36	6.3	-	24	3	2.5	5	4	2	¥ 4,540*
④ Hand Taps	M2 × 0.4	G4	RVP42.0EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 4,180
	M2 × 0.4	G4	RVP42.0EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 4,180
⑤ Cemented Carbide Taps	M2 × 0.4	G5	RVP52.0EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 4,180
	M2 × 0.4	G5	RVP52.0EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 4,180
⑥ Roll Taps	M2 × 0.4	G6	RVP62.0EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 4,180*
	M2 × 0.4	G6	RVP62.0EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 4,180*
⑦ Special Thread Taps (Simple Inspection Tools)	M2.3 × 0.4	G4	RVP42.3EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 3,990*
	M2.3 × 0.4	G4	RVP42.3EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 3,990*
⑧ Pipe Taps	M2.3 × 0.4	G5	RVP52.3EP	4P	42	7.2	-	27	3	2.5	5	4	3	¥ 3,990*
	M2.3 × 0.4	G5	RVP52.3EB	2P	42	7.2	-	27	3	2.5	5	4	3	¥ 3,990*
⑨ Thread Mills (Premium Thread Mills)	M2.5 × 0.45	G5	RVP52.5FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680
	M2.5 × 0.45	G5	RVP52.5FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680
⑩ Dies	M2.5 × 0.45	G6	RVP62.5FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680*
	M2.5 × 0.45	G6	RVP62.5FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680*
⑪ Center Drills (Centering Tools)	M2.6 × 0.45	G5	RVP52.6FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680
	M2.6 × 0.45	G5	RVP52.6FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680
⑫ Precision Machinery/ Medical Surgical Instruments	M2.6 × 0.45	G6	RVP62.6FP	4P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680
	M2.6 × 0.45	G6	RVP62.6FB	2P	46	8.1	14	29	3	2.5	5	4	4	¥ 3,680
⑬ Thread Mills (Premium Thread Mills)	M3 × 0.5	G5	RVP53.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 3,480
	M3 × 0.5	G5	RVP53.0GB	2P	46	9	14	26	4	3.2	6	4	4	¥ 3,480
⑭ Dies	M3 × 0.5	G6	RVP63.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 3,480
	M3 × 0.5	G6	RVP63.0GB	2P	46	9	14	26	4	3.2	6	4	4	¥ 3,480
⑮ Center Drills (Centering Tools)	M3 × 0.5	G7	RVP73.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 3,480
	M3 × 0.5	G7	RVP73.0GB	2P	46	9	14	26	4	3.2	6	4	4	¥ 3,480
⑯ Dies	M3 × 0.5	G8	RVP83.0GP	4P	46	9	14	26	4	3.2	6	4	4	¥ 3,480*
	M4 × 0.7	G5	RVP54.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 3,490*
⑰ Dies	M4 × 0.7	G5	RVP54.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 3,490*
	M4 × 0.7	G6	RVP64.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 3,490
⑱ Dies	M4 × 0.7	G6	RVP64.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 3,490
	M4 × 0.7	G7	RVP74.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 3,490
⑳ Dies	M4 × 0.7	G7	RVP74.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 3,490
	M4 × 0.7	G8	RVP84.0IP	4P	52	11	17	29	5	4	7	4	4	¥ 3,490*
㉑ Dies	M4 × 0.7	G8	RVP84.0IB	2P	52	11	17	29	5	4	7	4	4	¥ 3,490*
	M5 × 0.8	G5	RVP55.0KP	4P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670*
㉒ Dies	M5 × 0.8	G5	RVP55.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670*
	M5 × 0.8	G6	RVP65.0KP	4P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670
㉓ Dies	M5 × 0.8	G6	RVP65.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670
	M5 × 0.8	G7	RVP75.0KP	4P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670
㉔ Dies	M5 × 0.8	G7	RVP75.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670
	M5 × 0.8	G8	RVP85.0KP	4P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670*
㉕ Dies	M5 × 0.8	G8	RVP85.0KB	2P	60	13	22	33	5.5	4.5	7	4	4	¥ 3,670*



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

R+V Roll Taps, Coated

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	Lobe	TYPE	MSRP
M6 × 1	G6	RVP66.0MP	4P	62	15	26	33	6	4.5	7	4	4	¥ 3,850
M6 × 1	G6	RVP66.0MB	2P	62	15	26	33	6	4.5	7	4	4	¥ 3,850
M6 × 1	G7	RVP76.0MP	4P	62	15	26	33	6	4.5	7	4	4	¥ 3,850
M6 × 1	G7	RVP76.0MB	2P	62	15	26	33	6	4.5	7	4	4	¥ 3,850
M6 × 1	G8	RVP86.0MP	4P	62	15	26	33	6	4.5	7	4	4	¥ 3,850 ※
M6 × 1	G8	RVP86.0MB	2P	62	15	26	33	6	4.5	7	4	4	¥ 3,850 ※

Number of oil grooves : Metric thread : M2.6 and smaller=non, M3 and larger=4
 For M6 and smaller, external centers of 2P chamfer taps are removed.

Spiral Fluted Taps
(for blind hole) ①Spiral Fluted Taps
(for through hole) ②Spiral 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 ⑪Precision Machinery/
Metal/Surgical Instruments ⑫