

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ <sub>n</sub>	ℓ <sub>s</sub>	D <sub>s</sub>	K	ℓ <sub>k</sub>

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## HT TV

Hand Taps for Automobile Tire Valve Threads

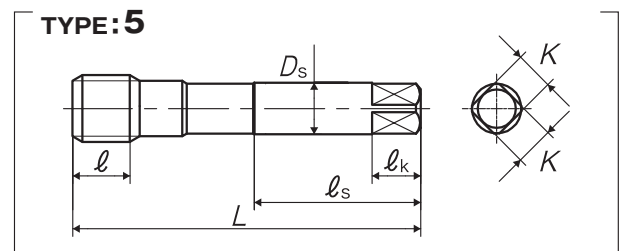
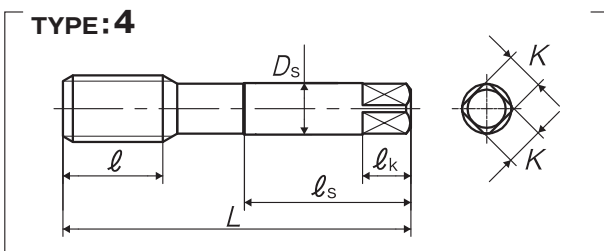
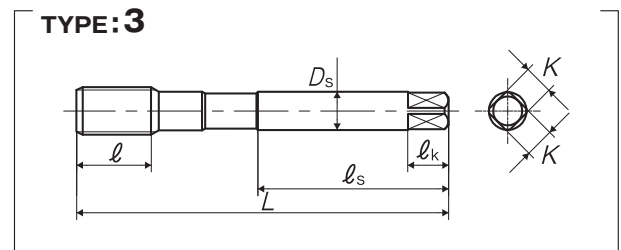
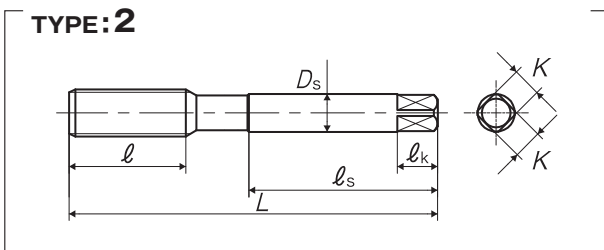
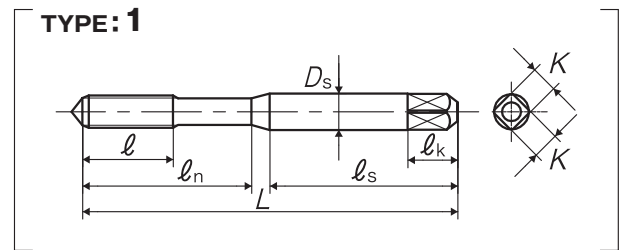


### Specification



■ Tap for automobile tire valve threads.

### Tapping Speeds depending on Materials



Segment : 1A

Size	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	ℓ <sub>n</sub> (mm)	ℓ <sub>s</sub> (mm)	D <sub>s</sub> (mm)	K (mm)	ℓ <sub>k</sub> (mm)	No. of flutes	TYPE	MSRP
For Tire Valve Threads													
5V1	TY05V1RLEBA	1.5P	5.334	62	15	26	33	6	4.5	7	3	1	¥ 2,540 □
8V1	TY08V1SLEBA	1.5P	7.798	70	19	-	36	6.2	5	8	3	2	¥ 3,360 □
8V2	TY08V2QLEBA	1.5P	7.938	70	19	-	36	6.2	5	8	3	2	¥ 3,360 □
9V1	TY09V1QLEBA	1.5P	9.525	75	23	-	38	7	5.5	8	4	2	¥ 3,840 □
10V1	TY10V1QLEBA	1.5P	9.800	75	23	-	38	7	5.5	8	4	2	¥ 3,840 □
10V2	TY10V2RLEBA	1.5P	10.414	82	26	-	42	8.5	6.5	9	4	2	¥ 5,670 □
11V1	TY11V1RLEBA	1.5P	11.113	82	26	-	42	8.5	6.5	9	4	2	¥ 5,670 □
12V1	TY12V1RLEBA	1.5P	12.319	88	26	-	45	10.5	8	11	4	2	¥ 6,810 □
13V1	TY13V1RLEBA	1.5P	12.700	88	26	-	45	10.5	8	11	4	2	¥ 6,810 □

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

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

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## HT TV Hand Taps for Automobile Tire Valve Threads

Size	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
13V2	TY13V2QLEBA	1.5P	12.700	88	26	-	45	10.5	8	11	4	2	¥ 6,810 □
15V1	TY15V1QLEBA	1.5P	15.137	95	26	-	48	12.5	10	13	4	2	¥ 9,840 □
16V1	TY16V1RLEBA	1.5P	15.875	95	26	-	48	12.5	10	13	4	2	¥ 9,840 □
17V1	TY17V1QLEBA	1.5P	17.137	100	18	-	51	14	11	14	4	3	¥ 11,800 □
17V2	TY17V2RLEBA	1.5P	17.463	100	18	-	51	14	11	14	4	3	¥ 11,800 □
17V3	TY17V3RLEBA	1.5P	17.463	100	33	-	51	14	11	14	4	2	¥ 11,800 □
19V1	TY19V1RLEBA	1.5P	19.050	105	33	-	50	15	12	15	4	4	¥ 15,900 □
20V1	TY20V1QLEBA	1.5P	20.642	115	19	-	55	17	13	16	4	5	¥ 24,800 □

### For Tire Valve Threads unit: mm

Size	Pitch Diameter	Minor Diameter
	Basic Size	Basic Size
5 V 1	4.869	4.597
8 V 1	7.284	7.036
8 V 2	7.250	6.782
9 V 1	9.010	8.661
10 V 1	9.380	8.750
10 V 2	9.815	9.350
11 V 1	10.287	9.729
12 V 1	11.669	11.176
13 V 1	11.875	11.328
13 V 2	12.185	11.837
15 V 1	14.380	13.750
16 V 1	15.263	14.869
17 V 1	16.380	15.750
17 V 2	16.775	16.307
17 V 3	16.432	15.748
19 V 1	18.019	17.323
20 V 1	19.885	19.250

### Bored hole size unit: mm

Size	Minor Diameter of Internal Thread (D <sub>i</sub> )		Bored Hole Size (Reference)
	Max.	Min.	
5 V 1	4.801	4.597	4.75
8 V 1	7.239	7.036	7.19
8 V 2	7.035	6.782	6.97
9 V 1	8.865	8.661	8.81
10 V 1	8.900	8.750	8.86
10 V 2	9.550	9.350	9.50
11 V 1	10.033	9.729	9.96
12 V 1	11.379	11.176	11.33
13 V 1	11.608	11.328	11.54
13 V 2	12.039	11.837	11.99
15 V 1	13.950	13.750	13.90
16 V 1	15.088	14.859	15.03
17 V 1	15.950	15.750	15.90
17 V 2	16.560	16.307	16.50
17 V 3	16.103	15.748	16.01
19 V 1	17.678	17.323	17.59
20 V 1	19.450	19.250	19.40

- 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