

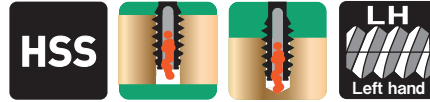
Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ _n	ℓ _s	D _s	K	ℓ _k

LS-HT LH

Long Shank Hand Taps for Left Hand Threads



Specification

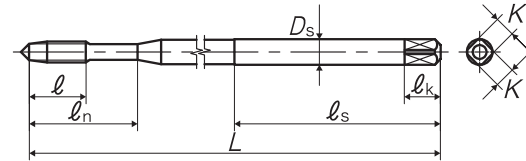


■ Long shank hand taps for tapping left-hand threads in deep holes that cannot be reached with a standard overall length.

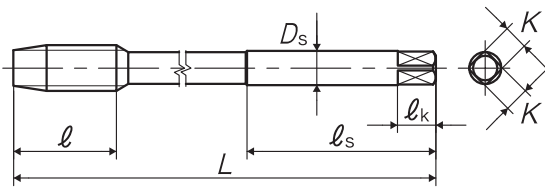
Tapping Speeds depending on Materials

Low carbon steels 低碳素鋼	Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
5~10 (m/min)	5~10 (m/min)	5~10 (m/min)

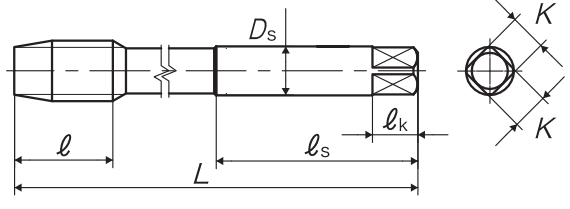
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1A

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ _n (mm)	ℓ _s (mm)	D _s (mm)	K (mm)	ℓ _k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M3 × 0.5	P1	TNFP3.0G510L	5P	100	9	18	40	4	3.2	6	3	1	¥ 5,140*
M3 × 0.5	P1	TNFP3.0G110L	1.5P	100	9	18	40	4	3.2	6	3	1	¥ 5,140*
M4 × 0.7	P2	TNFQ4.0I510L	5P	100	11	21	40	5	4	7	3	1	¥ 4,680*
M4 × 0.7	P2	TNFQ4.0I110L	1.5P	100	11	21	40	5	4	7	3	1	¥ 4,680*
M5 × 0.8	P2	TNFQ5.0K510L	5P	100	13	25	40	5.5	4.5	7	3	1	¥ 4,130*
M5 × 0.8	P2	TNFQ5.0K110L	1.5P	100	13	25	40	5.5	4.5	7	3	1	¥ 4,130*
M6 × 1	P2	TNFQ6.0M510L	5P	100	15	30	40	6	4.5	7	3	1	¥ 3,510*
M6 × 1	P2	TNFQ6.0M515L	5P	150	15	30	40	6	4.5	7	3	1	¥ 6,210*
M6 × 1	P2	TNFQ6.0M110L	1.5P	100	15	30	40	6	4.5	7	3	1	¥ 3,510*
M6 × 1	P2	TNFQ6.0M115L	1.5P	150	15	30	40	6	4.5	7	3	1	¥ 6,210*
M8 × 1.25	P2	TNMQ8.0N510L	5P	100	19	-	50	6.2	5	8	4	2	¥ 4,470*
M8 × 1.25	P2	TNMQ8.0N515L	5P	150	19	-	50	6.2	5	8	4	2	¥ 7,610*
M8 × 1.25	P2	TNMQ8.0N110L	1.5P	100	19	-	50	6.2	5	8	4	2	¥ 4,470*
M8 × 1.25	P2	TNMQ8.0N115L	1.5P	150	19	-	50	6.2	5	8	4	2	¥ 7,610*
M10 × 1.5	P2	TNMQ010O510L	5P	100	23	-	50	7	5.5	8	4	2	¥ 5,430*
M10 × 1.5	P2	TNMQ010O515L	5P	150	23	-	50	7	5.5	8	4	2	¥ 8,860*
M10 × 1.5	P2	TNMQ010O110L	1.5P	100	23	-	50	7	5.5	8	4	2	¥ 5,430*
M10 × 1.5	P2	TNMQ010O115L	1.5P	150	23	-	50	7	5.5	8	4	2	¥ 8,860*
M10 × 1.25	P2	TNMQ010N510L	5P	100	23	-	50	7	5.5	8	4	2	¥ 5,430*
M10 × 1.25	P2	TNMQ010N515L	5P	150	23	-	50	7	5.5	8	4	2	¥ 8,860*
M10 × 1.25	P2	TNMQ010N110L	1.5P	100	23	-	50	7	5.5	8	4	2	¥ 5,430*
M10 × 1.25	P2	TNMQ010N115L	1.5P	150	23	-	50	7	5.5	8	4	2	¥ 8,860*
M12 × 1.75	P2	TNMQ012P510L	5P	100	26	-	50	8.5	6.5	9	4	2	¥ 6,640*
M12 × 1.75	P2	TNMQ012P515L	5P	150	26	-	50	8.5	6.5	9	4	2	¥ 11,100*

- 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/Metal Surgical Instruments

4 Hand 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-HT LH Long Shank Hand Taps for Left Hand Threads

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M12 × 1.75	P2	TNMQ012P110L	1.5P	100	26	-	50	8.5	6.5	9	4	2	¥ 6,640*
M12 × 1.75	P2	TNMQ012P115L	1.5P	150	26	-	50	8.5	6.5	9	4	2	¥ 11,100*
M12 × 1.5	P2	TNMQ012O515L	5P	150	26	-	50	8.5	6.5	9	4	2	¥ 11,100*
M12 × 1.5	P2	TNMQ012O115L	1.5P	150	26	-	50	8.5	6.5	9	4	2	¥ 11,100*
M12 × 1.25	P2	TNMQ012N515L	5P	150	26	-	50	8.5	6.5	9	4	2	¥ 11,100*
M12 × 1.25	P2	TNMQ012N115L	1.5P	150	26	-	50	8.5	6.5	9	4	2	¥ 11,100*
M14 × 2	P2	TNMQ014Q515L	5P	150	26	-	60	10.5	8	11	4	2	¥ 14,000*
M14 × 2	P2	TNMQ014Q115L	1.5P	150	26	-	60	10.5	8	11	4	2	¥ 14,000*
M14 × 1.5	P2	TNMQ014O515L	5P	150	26	-	60	10.5	8	11	4	2	¥ 14,000*
M14 × 1.5	P2	TNMQ014O115L	1.5P	150	26	-	60	10.5	8	11	4	2	¥ 14,000*
M16 × 2	P2	TNMQ016Q515L	5P	150	26	-	60	12.5	10	13	4	2	¥ 15,200*
M16 × 2	P2	TNMQ016Q520L	5P	200	26	-	60	12.5	10	13	4	2	¥ 20,000*
M16 × 2	P2	TNMQ016Q115L	1.5P	150	26	-	60	12.5	10	13	4	2	¥ 15,200*
M16 × 2	P2	TNMQ016Q120L	1.5P	200	26	-	60	12.5	10	13	4	2	¥ 20,000*
M16 × 1.5	P2	TNMQ016O515L	5P	150	26	-	60	12.5	10	13	4	2	¥ 15,200*
M16 × 1.5	P2	TNMQ016O115L	1.5P	150	26	-	60	12.5	10	13	4	2	¥ 15,200*
M18 × 2.5	P3	TNMR018R515L	5P	150	33	-	70	14	11	14	4	2	¥ 20,600*
M18 × 2.5	P3	TNMR018R115L	1.5P	150	33	-	70	14	11	14	4	2	¥ 20,600*
M18 × 1.5	P2	TNMQ018O515L	5P	150	33	-	70	14	11	14	4	2	¥ 20,600*
M18 × 1.5	P2	TNMQ018O115L	1.5P	150	33	-	70	14	11	14	4	2	¥ 20,600*
M20 × 2.5	P3	TNMR020R515L	5P	150	33	-	70	15	12	15	4	3	¥ 26,400*
M20 × 2.5	P3	TNMR020R520L	5P	200	33	-	70	15	12	15	4	3	¥ 33,000*
M20 × 2.5	P3	TNMR020R115L	1.5P	150	33	-	70	15	12	15	4	3	¥ 26,400*
M20 × 2.5	P3	TNMR020R120L	1.5P	200	33	-	70	15	12	15	4	3	¥ 33,000*
M20 × 1.5	P3	TNMR020O515L	5P	150	33	-	70	15	12	15	4	3	¥ 26,400*
M20 × 1.5	P3	TNMR020O520L	5P	200	33	-	70	15	12	15	4	3	¥ 33,000*
M20 × 1.5	P3	TNMR020O115L	1.5P	150	33	-	70	15	12	15	4	3	¥ 26,400*
M20 × 1.5	P3	TNMR020O120L	1.5P	200	33	-	70	15	12	15	4	3	¥ 33,000*
M22 × 2.5	P3	TNMR022R515L	5P	150	33	-	70	17	13	16	4	3	¥ 29,600*
M22 × 2.5	P3	TNMR022R520L	5P	200	33	-	70	17	13	16	4	3	¥ 36,800*
M22 × 2.5	P3	TNMR022R115L	1.5P	150	33	-	70	17	13	16	4	3	¥ 29,600*
M22 × 2.5	P3	TNMR022R120L	1.5P	200	33	-	70	17	13	16	4	3	¥ 36,800*
M22 × 1.5	P3	TNMR022O520L	5P	200	33	-	70	17	13	16	4	3	¥ 36,800*
M22 × 1.5	P3	TNMR022O120L	1.5P	200	33	-	70	17	13	16	4	3	¥ 36,800*
M24 × 3	P3	TNMR024S515L	5P	150	39	-	80	19	15	18	4	3	¥ 34,400*
M24 × 3	P3	TNMR024S520L	5P	200	39	-	80	19	15	18	4	3	¥ 41,100*
M24 × 3	P3	TNMR024S115L	1.5P	150	39	-	80	19	15	18	4	3	¥ 34,400*
M24 × 3	P3	TNMR024S120L	1.5P	200	39	-	80	19	15	18	4	3	¥ 41,100*
M24 × 1.5	P3	TNMR024O520L	5P	200	39	-	80	19	15	18	4	3	¥ 41,100*
M27 × 3	P3	TNMR027S520L	5P	200	39	-	80	20	15	18	4	3	¥ 45,600*
M27 × 3	P3	TNMR027S120L	1.5P	200	39	-	80	20	15	18	4	3	¥ 45,600*
M27 × 1.5	P3	TNMR027O520L	5P	200	39	-	80	20	15	18	4	3	¥ 45,600*
M27 × 1.5	P3	TNMR027O120L	1.5P	200	39	-	80	20	15	18	4	3	¥ 45,600*
M30 × 3.5	P4	TNMS030T520L	5P	200	46	-	80	23	17	20	4	3	¥ 58,600*
M30 × 3.5	P4	TNMS030T525L	5P	250	46	-	80	23	17	20	4	3	¥ 74,300*
M30 × 3.5	P4	TNMS030T120L	1.5P	200	46	-	80	23	17	20	4	3	¥ 58,600*
M30 × 3.5	P4	TNMS030T125L	1.5P	250	46	-	80	23	17	20	4	3	¥ 74,300*
M30 × 3	P3	TNMR030S520L	5P	200	46	-	80	23	17	20	4	3	¥ 58,600*
M30 × 2	P3	TNMR030Q520L	5P	200	46	-	80	23	17	20	4	3	¥ 58,600*
M30 × 1.5	P3	TNMR030O520L	5P	200	46	-	80	23	17	20	4	3	¥ 58,600*
M30 × 1.5	P3	TNMR030O120L	1.5P	200	46	-	80	23	17	20	4	3	¥ 58,600*

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- ③ Spiral Pointed Taps (for through hole)
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- ⑦ Special Thread Taps (Simple inspection tools)
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- ⑨ Thread Mills (Premium Thread Mills)
- ⑩ Dies
- ⑪ Center Drills (Centering Tools)
- ⑫ Precision Machinery/ Medical Instruments



* = Specified Distribution Items. Made to order products.