

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

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## N-CT LA STI



Carbide Hand Taps for Light Alloys (for Helical Coil Wire Screw Thread Inserts)

### Specification



The carbide tap is used to cut a comparatively soft material, such as aluminum, and create an internal thread for accommodating a helical coil wire screw thread insert, in order to reinforce the internal thread and increase durability.

### Recommended Tapping Speeds depending on Materials

Aluminum alloy castings アルミ合金鋳物	Zinc alloy castings 亜鉛合金鋳物
<b>10~20</b> (m/min)	<b>10~20</b> (m/min)

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

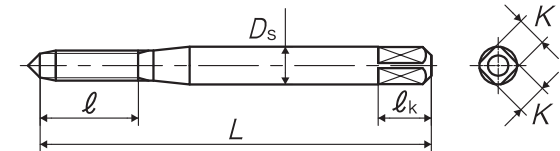
Pipe Taps ⑧

Thread Mills Premium Thread Mills ⑨

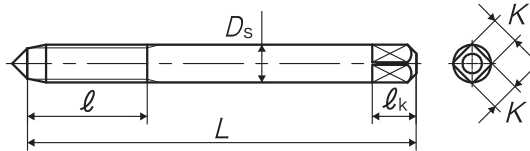
Dies ⑩

Center Drills Centering Tools ⑪

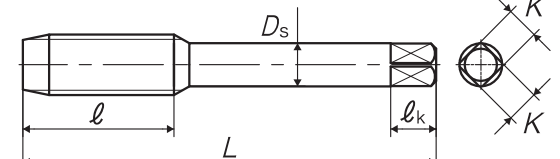
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1L

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	ℓn (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For Metric Threads													
M3 × 0.5	Ib	TW3.0G1LWB5	5P	3.650	52	13	-	5	4	7	3	1	¥ 17,100*
M3 × 0.5	Ib	TW3.0G1LWBA	1.5P	3.650	52	13	-	5	4	7	3	1	¥ 17,100*
M4 × 0.7	Ib	TW4.0I1LWB5	5P	4.909	60	16	-	5.5	4.5	7	3	1	¥ 18,000*
M4 × 0.7	Ib	TW4.0I1LWBA	1.5P	4.909	60	16	-	5.5	4.5	7	3	1	¥ 18,000*
M5 × 0.8	Ib	TW5.0K1LWB5	5P	6.039	62	19	-	6	4.5	7	3	2	¥ 18,700*
M5 × 0.8	Ib	TW5.0K1LWBA	1.5P	6.039	62	19	-	6	4.5	7	3	2	¥ 18,700*
M6 × 1	Ib	TW6.0M1LWB5	5P	7.299	65	19	-	6.2	5	8	4	3	¥ 20,500*
M6 × 1	Ib	TW6.0M1LWBA	1.5P	7.299	65	19	-	6.2	5	8	4	3	¥ 20,500*
M8 × 1.25	Ib	TW8.0N1LWB5	5P	9.624	75	24	-	7	5.5	8	4	3	¥ 26,300*
M8 × 1.25	Ib	TW8.0N1LWBA	1.5P	9.624	75	24	-	7	5.5	8	4	3	¥ 26,300*
M10 × 1.5	Ib	TW01001LWB5	5P	11.948	82	30	-	8.5	6.5	9	4	3	¥ 36,600*
M10 × 1.5	Ib	TW01001LWBA	1.5P	11.948	82	30	-	8.5	6.5	9	4	3	¥ 36,600*

\* = Specified Distribution Items. Made to order products.