

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

ANSI

HT STI

Hand Taps for Helical Coil Wire Screw Thread Inserts



Specification

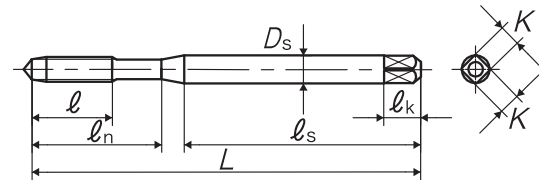


■ Hand tap to cut internal threads for helical coil to enter.

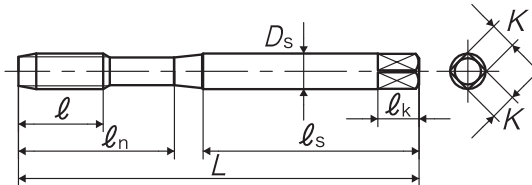
Tapping Speed depending on Materials

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)

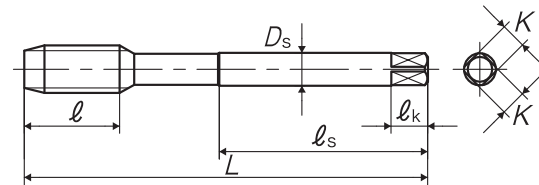
TYPE: 1



TYPE: 2



TYPE: 3



For No.10 or less, the chamfer-1.5P convex center is removed.

Segment : 1A

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓ_n (inch)	ℓ_s (inch)	Ds (inch)	K (inch)	ℓ_k (inch)	No. of flutes	TYPE
For Unified Threads												
No.2-56UNC	GH1	TUUN2E1NEB5	5P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	3	1
No.2-56UNC	GH1	TUUN2E1NEBA	1.5P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	3	1
No.2-56UNC	GH2	TUUN2E2NEB5	5P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	3	1
No.2-56UNC	GH2	TUUN2E2NEBA	1.5P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	3	1
No.4-40UNC	GH1	TUUN4H1NEB5	5P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	3	1
No.4-40UNC	GH1	TUUN4H1NEBA	1.5P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	3	1
No.4-40UNC	GH2	TUUN4H2NEB5	5P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	3	1
No.4-40UNC	GH2	TUUN4H2NEBA	1.5P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	3	1
No.6-32UNC	GH1	TUUN6J1NEB5	5P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	3	1
No.6-32UNC	GH1	TUUN6J1NEBA	1.5P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	3	1
No.6-32UNC	GH2	TUUN6J2NEB5	5P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	3	1
No.6-32UNC	GH2	TUUN6J2NEBA	1.5P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	3	1
No.8-32UNC	GH1	TUUN8J1NEB5	5P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	3	1
No.8-32UNC	GH1	TUUN8J1NEBA	1.5P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	3	1
No.8-32UNC	GH2	TUUN8J2NEB5	5P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	3	1
No.8-32UNC	GH2	TUUN8J2NEBA	1.5P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	3	1

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

7

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Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓn (inch)	ℓs (inch)	Ds (inch)	K (inch)	ℓk (inch)	No. of flutes	TYPE
No.10-24UNC	GH2	TUUNAM2NEB5	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-24UNC	GH2	TUUNAM2NEBA	1.5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-24UNC	GH3	TUUNAM3NEB5	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-24UNC	GH3	TUUNAM3NEBA	1.5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-32UNF	GH2	TUUNAJ2NEB5	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-32UNF	GH2	TUUNAJ2NEBA	1.5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-32UNF	GH3	TUUNAJ3NEB5	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-32UNF	GH3	TUUNAJ3NEBA	1.5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
1/4-20UNC	GH2	TUU04N2NEB5	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-20UNC	GH2	TUU04N2NEBA	1.5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-20UNC	GH3	TUU04N3NEB5	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-20UNC	GH3	TUU04N3NEBA	1.5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-28UNF	GH2	TUU04K2NEB5	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-28UNF	GH2	TUU04K2NEBA	1.5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-28UNF	GH3	TUU04K3NEB5	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-28UNF	GH3	TUU04K3NEBA	1.5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
5/16-18UNC	GH2	TUU05O2NEB5	5P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	4	2
5/16-18UNC	GH2	TUU05O2NEBA	1.5P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	4	2
5/16-18UNC	GH3	TUU05O3NEB5	5P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	4	2
5/16-18UNC	GH3	TUU05O3NEBA	1.5P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	4	2
5/16-24UNF	GH2	TUU05M2NEB5	5P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	4	2
5/16-24UNF	GH2	TUU05M2NEBA	1.5P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	4	2
5/16-24UNF	GH3	TUU05M3NEB5	5P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	4	2
5/16-24UNF	GH3	TUU05M3NEBA	1.5P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	4	2
3/8-16UNC	GH3	TUU06P3NEB5	5P	4.331	1.024	-	2.205	0.367	0.275	0.437	4	3
3/8-16UNC	GH3	TUU06P3NEBA	1.5P	4.331	1.024	-	2.205	0.367	0.275	0.437	4	3
3/8-16UNC	GH4	TUU06P4NEB5	5P	4.331	1.024	-	2.205	0.367	0.275	0.437	4	3
3/8-16UNC	GH4	TUU06P4NEBA	1.5P	4.331	1.024	-	2.205	0.367	0.275	0.437	4	3
3/8-24UNF	GH2	TUU06M2NEB5	5P	3.937	0.906	-	2.008	0.323	0.242	0.406	4	3
3/8-24UNF	GH2	TUU06M2NEBA	1.5P	3.937	0.906	-	2.008	0.323	0.242	0.406	4	3
3/8-24UNF	GH3	TUU06M3NEB5	5P	3.937	0.906	-	2.008	0.323	0.242	0.406	4	3
3/8-24UNF	GH3	TUU06M3NEBA	1.5P	3.937	0.906	-	2.008	0.323	0.242	0.406	4	3
7/16-14UNC	GH3	TUU07Q3NEB5	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
7/16-14UNC	GH3	TUU07Q3NEBA	1.5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
7/16-14UNC	GH4	TUU07Q4NEB5	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
7/16-14UNC	GH4	TUU07Q4NEBA	1.5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
7/16-20UNF	GH3	TUU07N3NEB5	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
7/16-20UNF	GH3	TUU07N3NEBA	1.5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
7/16-20UNF	GH4	TUU07N4NEB5	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
7/16-20UNF	GH4	TUU07N4NEBA	1.5P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	3
1/2-13UNC	GH3	TUU08R3NEB5	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3
1/2-13UNC	GH3	TUU08R3NEBA	1.5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3
1/2-13UNC	GH4	TUU08R4NEB5	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3
1/2-13UNC	GH4	TUU08R4NEBA	1.5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3
1/2-20UNF	GH3	TUU08N3NEB5	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3
1/2-20UNF	GH3	TUU08N3NEBA	1.5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3
1/2-20UNF	GH4	TUU08N4NEB5	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3
1/2-20UNF	GH4	TUU08N4NEBA	1.5P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	3

Spiral Fluted Taps
(for blind hole)

①

Spiral Fluted Taps
(for through hole)

②

Spiral Pointed Taps
(for through hole)

③

Hand Taps
(for blind hole)

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/
Medical Surgical Instruments

⑫

ANSI

⑦-10