

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

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Spiral Fluted Taps for Helical Coil Wire Screw Thread Inserts

Specification

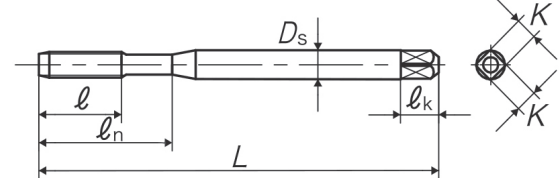


■ Spiral pointed tap to cut internal threads for helical coil to enter.

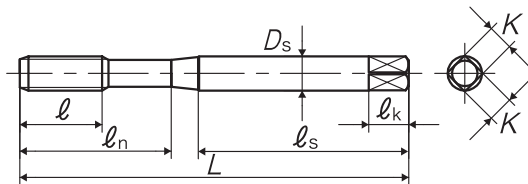
Tapping Speed depending on Materials

Brass 黄銅	Brass castings 黄銅鑄物	Bronze 青銅	Wrought aluminum アルミ圧延材	Aluminum alloy castings アルミ合金鑄物	Magnesium alloy die castings マグネシウム合金鑄物	Zinc alloy castings 亜鉛合金鑄物
5~15 (m/min)	5~15 (m/min)	5~15 (m/min)	5~15 (m/min)	5~15 (m/min)	5~15 (m/min)	5~15 (m/min)

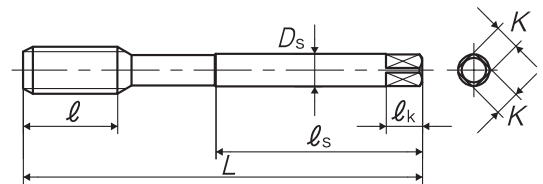
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1C

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	SUUN2E1NEB	2P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	2	1
No.2-56UNC	GH2	SUUN2E2NEB	2P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	2	1
No.4-40UNC	GH1	SUUN4H1NEB	2P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	2	1
No.4-40UNC	GH2	SUUN4H2NEB	2P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	2	1
No.6-32UNC	GH1	SUUN6J1NEB	2P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	3	1
No.6-32UNC	GH2	SUUN6J2NEB	2P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	3	1
No.8-32UNC	GH1	SUUN8J1NEB	2P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	3	1
No.8-32UNC	GH2	SUUN8J2NEB	2P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	3	1
No.10-24UNC	GH2	SUUNAM2NEB	2P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-24UNC	GH3	SUUNAM3NEB	2P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-32UNF	GH2	SUUNAJ2NEB	2P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
No.10-32UNF	GH3	SUUNAJ3NEB	2P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	1
1/4-20UNC	GH2	SUU04N2NEB	2P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-20UNC	GH3	SUU04N3NEB	2P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
1/4-28UNF	GH2	SUU04K2NEB	2P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2

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Think threads with
YAMAWA

· This product is different from JIS products in shape and dimensions, please be careful when using.

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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Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓn (inch)	ℓs (inch)	Ds (inch)	K (inch)	ℓk (inch)	No. of flutes	TYPE
1/4-28UNF	GH3	SUU04K3NEB	2P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	2
5/16-18UNC	GH2	SUU05O2NEB	2P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	3	2
5/16-18UNC	GH3	SUU05O3NEB	2P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	3	2
5/16-24UNF	GH2	SUU05M2NEB	2P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	3	2
5/16-24UNF	GH3	SUU05M3NEB	2P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	3	2
3/8-16UNC	GH2	SUU06P2NEB	2P	4.331	1.024	-	2.205	0.367	0.275	0.437	3	3
3/8-16UNC	GH3	SUU06P3NEB	2P	4.331	1.024	-	2.205	0.367	0.275	0.437	3	3
3/8-24UNF	GH2	SUU06M2NEB	2P	3.937	0.906	-	2.008	0.323	0.242	0.406	3	3
3/8-24UNF	GH3	SUU06M3NEB	2P	3.937	0.906	-	2.008	0.323	0.242	0.406	3	3
7/16-14UNC	GH2	SUU07Q2NEB	2P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
7/16-14UNC	GH3	SUU07Q3NEB	2P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
7/16-20UNF	GH2	SUU07N2NEB	2P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
7/16-20UNF	GH3	SUU07N3NEB	2P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
1/2-13UNC	GH2	SUU08R2NEB	2P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3
1/2-13UNC	GH3	SUU08R3NEB	2P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3
1/2-20UNF	GH2	SUU08N2NEB	2P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3
1/2-20UNF	GH3	SUU08N3NEB	2P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3

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/
Medical Surgical Instruments

⑫

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