

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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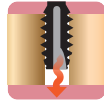
PO OX STI

Spiral Pointed Taps for Helical Coil Wire Screw Thread Inserts, Oxidized



Specification

HSS

OX
Oxide


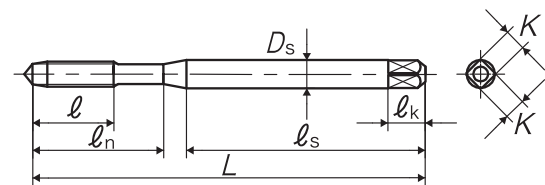
■ Spiral pointed tap to cut internal threads for helical coil to enter.

Tapping Speed depending on Materials

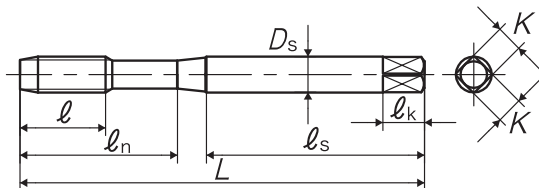
Low carbon steels
低炭素鋼
5~10
(m/min)

Medium carbon steels
中炭素鋼
5~10
(m/min)

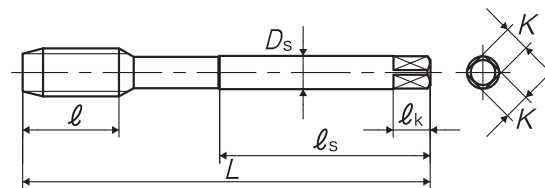
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1E

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	PUUN2E1NEX	5P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	2	1
No.2-56UNC	GH2	PUUN2E2NEX	5P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	2	1
No.4-40UNC	GH1	PUUN4H1NEX	5P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	2	1
No.4-40UNC	GH2	PUUN4H2NEX	5P	2.48	0.512	0.827	1.496	0.168	0.131	0.25	2	1
No.6-32UNC	GH1	PUUN6J1NEX	5P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	2	1
No.6-32UNC	GH2	PUUN6J2NEX	5P	2.756	0.551	0.945	1.654	0.194	0.131	0.25	2	1
No.8-32UNC	GH1	PUUN8J1NEX	5P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	2	1
No.8-32UNC	GH2	PUUN8J2NEX	5P	3.15	0.591	0.984	1.929	0.22	0.165	0.281	2	1
No.10-24UNC	GH2	PUUNAM2NEX	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	2	1
No.10-24UNC	GH3	PUUNAM3NEX	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	2	1
No.10-32UNF	GH2	PUUNAJ2NEX	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	2	1
No.10-32UNF	GH3	PUUNAJ3NEX	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	2	1
1/4-20UNC	GH2	PUU04N2NEX	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	2	2
1/4-20UNC	GH3	PUU04N3NEX	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	2	2
1/4-28UNF	GH2	PUU04K2NEX	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	2	2
1/4-28UNF	GH3	PUU04K3NEX	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	2	2
5/16-18UNC	GH2	PUU05O2NEX	5P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	2	2

Spiral Fluted Taps
(for blind hole) ①

Spiral Fluted Taps
(for through hole) ②

Spiral Pointed Taps
(for through hole) ③

Hand Taps
(for through hole) ④

Cemented
Carbide Taps ⑤

Roll Taps
(for through hole) ⑥

Special Thread Taps
Simple inspection tools ⑦

Pipe Taps
(for through hole) ⑧

Thread Mills
Premium Thread Mills ⑨

Dies
(for through hole) ⑩

Center Drills
Centering Tools ⑪

Precision Machinery/
Metal Surgical Instruments ⑫

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PO OX STI Spiral Pointed Taps for Helical Coil Wire Screw Thread Inserts, Oxidized

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓn (inch)	ℓs (inch)	Ds (inch)	K (inch)	ℓk (inch)	No. of flutes	TYPE
5/16-18UNC	GH3	PUU05O3NEX	5P	3.937	0.906	1.535	2.067	0.381	0.286	0.437	2	2
5/16-24UNF	GH2	PUU05M2NEX	5P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	2	2
5/16-24UNF	GH3	PUU05M3NEX	5P	3.937	0.906	1.535	2.028	0.381	0.286	0.437	2	2
3/8-16UNC	GH3	PUU06P3NEX	5P	4.331	1.024	-	2.205	0.367	0.275	0.437	3	3
3/8-16UNC	GH4	PUU06P4NEX	5P	4.331	1.024	-	2.205	0.367	0.275	0.437	3	3
3/8-24UNF	GH2	PUU06M2NEX	5P	3.937	0.906	-	2.008	0.323	0.242	0.406	3	3
3/8-24UNF	GH3	PUU06M3NEX	5P	3.937	0.906	-	2.008	0.323	0.242	0.406	3	3
7/16-14UNC	GH3	PUU07Q3NEX	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
7/16-14UNC	GH4	PUU07Q4NEX	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
7/16-20UNF	GH3	PUU07N3NEX	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
7/16-20UNF	GH4	PUU07N4NEX	5P	4.331	1.024	-	2.205	0.429	0.322	0.5	3	3
1/2-13UNC	GH3	PUU08R3NEX	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3
1/2-13UNC	GH4	PUU08R4NEX	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3
1/2-20UNF	GH3	PUU08N3NEX	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3
1/2-20UNF	GH4	PUU08N4NEX	5P	4.331	1.024	-	2.205	0.48	0.36	0.562	3	3

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

ANSI

⑦-25

Think threads with **YAMAWA**

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