

1 Spiral Fluted Tap Series for blind hole

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

- ANSI
- 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



ISP Spiral Fluted Taps for General Purpose



Specification

HSS

OX

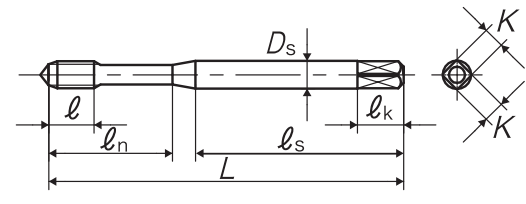
Oxide

■ Suitable for low speed tapping of steels.
For manual use and drilling machine use.

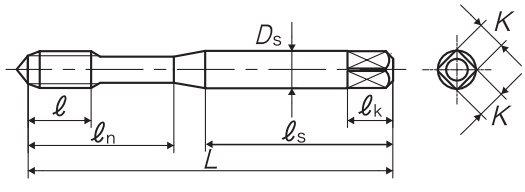
Tapping Speed depending on Materials

Low carbon steels
低炭素鋼
~5
(m/min)

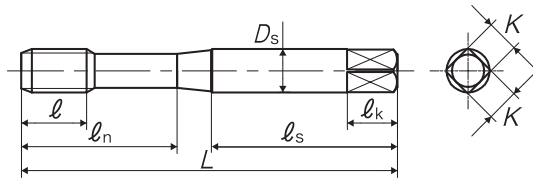
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1C

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓ _n (inch)	ℓ _s (inch)	D _s (inch)	K (inch)	ℓ _k (inch)	No. of flutes	TYPE
For Unified Threads												
No.6-32UNC	-	UAUN6JXHEX	2.5P	2	0.374	0.669	1.201	0.141	0.11	0.187	3	1
No.8-32UNC	-	UAUN8JXHEX	2.5P	2.125	0.374	0.866	1.339	0.168	0.131	0.25	3	1
No.10-24UNC	-	UAUNAMXHEX	2.5P	2.375	0.512	0.866	1.339	0.194	0.152	0.25	3	1
1/4-20UNC	-	UAU04NXHEX	2.5P	2.5	0.591	1.024	1.22	0.255	0.191	0.312	3	2
5/16-18UNC	-	UAU05OXHEX	2.5P	2.718	0.669	1.004	1.378	0.318	0.238	0.375	3	3
3/8-16UNC	-	UAU06PXHEX	2.5P	2.937	0.748	1.059	1.496	0.381	0.286	0.437	3	3
For Unified Threads (In blister package)												
No.6-32UNC	-	UAUN6JXHEXR	2.5P	2	0.374	0.669	1.201	0.141	0.11	0.187	3	1
No.8-32UNC	-	UAUN8JXHEXR	2.5P	2.125	0.374	0.866	1.339	0.168	0.131	0.25	3	1
No.10-24UNC	-	UAUNAMXHEXR	2.5P	2.375	0.512	0.866	1.339	0.194	0.152	0.25	3	1
1/4-20UNC	-	UAU04NXHEXR	2.5P	2.5	0.591	1.024	1.22	0.255	0.191	0.312	3	2
5/16-18UNC	-	UAU05OXHEXR	2.5P	2.718	0.669	1.004	1.378	0.318	0.238	0.375	3	3
3/8-16UNC	-	UAU06PXHEXR	2.5P	2.937	0.748	1.059	1.496	0.381	0.286	0.437	3	3

Blister Package



Detailed explanation about handling
Spiral Fluted Taps
Material: HSS
3/8-16 UNC Chamfer (2.5P) Shank Diameter: .383 (ANSI Dimension) Tap drill size D or .316 (inf.)
A suitable surface oxide treatment is provided for both sides.
● THIS TAP IS NOT RECOMMENDED FOR HARD TO MACHINE MATERIALS & LIKE HARDENED STEELS OR STAINLESS STEELS.
● THIS TAP MUST SHATTER DURING USE. APPLY MACHINE COVER AND WEAR SAFETY GOGGLES WHEN USING THIS FOR CUTTING THREADS.
● WHEN SETTING TOOL AND WORKPIECE, BE CAREFUL TO AVOID WHIRL AND FLIGHT.
● DO NOT USE EXCESSIVE FORCE OR LONG AIR.
YAMAWA INC. CO., LTD. WEBSITE URL: <http://www.yamawap.com/>

①-71 · This product is different from JIS products in shape and dimensions, please be careful when using.