

Overall length	Thread length	Shank dia.	Size of square	Length of square
L	ℓ	Ds	K	ℓ_k

ANSI

ZELX SS NPT

Taps for American Taper Pipe Threads



Specification

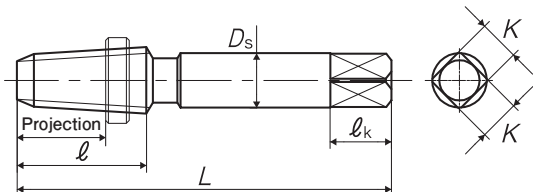


■ Suitable for tapping stainless steels, chrome steels and chrome molybdenum steels.

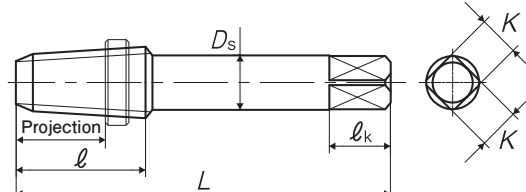
Tapping Speed depending on Materials

Medium carbon steels 中炭素鋼 ~5 (m/min)	High carbon steels 高炭素鋼 ~5 (m/min)	Alloy steels 合金鋼 ~5 (m/min)	Stainless steels ステンレス鋼 ~5 (m/min)	Ductile cast irons 強靱鑄鉄 ~5 (m/min)
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TYPE: 1



TYPE: 2



Segment : 1H

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	Projection (inch)	Ds (inch)	K (inch)	ℓ_k (inch)	No. of flutes	TYPE
For American Pipe Threads											
1/16-27 NPT	ANSI G	Y83640	2.5P	2.125	0.687	0.312	0.312	0.234	0.375	4	1
1/8-27 NPT	ANSI G	Y83641	2.5P	2.125	0.75	0.312	0.437	0.328	0.375	4	1
1/8-27 NPT	ANSI G	Y83642	2.5P	2.125	0.75	0.312	0.312	0.234	0.375	4	2
1/4-18 NPT	ANSI G	Y83643	2.5P	2.437	1.062	0.459	0.562	0.421	0.437	4	1
3/8-18 NPT	ANSI G	Y83644	2.5P	2.562	1.062	0.454	0.7	0.531	0.5	4	1
1/2-14 NPT	ANSI G	Y83645	2.5P	3.125	1.375	0.579	0.687	0.515	0.625	4	2
3/4-14 NPT	ANSI G	Y83646	2.5P	3.25	1.375	0.565	0.906	0.679	0.687	4	2
1 -11 1/2 NPT	ANSI G	Y83647	2.5P	3.75	1.75	0.678	1.125	0.843	0.812	4	2

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