

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

ANSI

⑧-109

ANSI

NPTF-CI

Hand Taps for American Dryseal Taper Pipe Threads, for Cast Irons



Specification



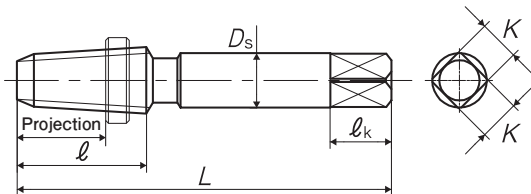
■ Suitable for hard and abrasive materials such as cast irons.

Tapping Speed depending on Materials

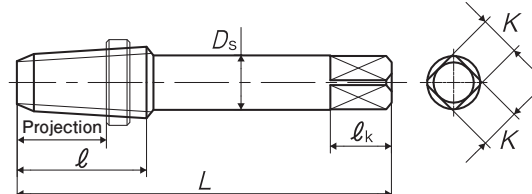
Cast irons
鑄鉄
~5
(m/min)

Ductile cast irons
強靱鑄鉄
~5
(m/min)

TYPE:1



TYPE:2



Segment : 1G

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	Projection (inch)	Ds (inch)	K (inch)	ℓ_k (inch)	No. of flutes	TYPE
For Dryseal American Pipe Threads											
1/8-27 NPTF	ANSI G	Y83226	3P	2.125	0.75	0.312	0.437	0.328	0.375	4	1
1/8-27 NPTF	ANSI G	Y83227	3P	2.125	0.75	0.312	0.312	0.234	0.375	4	2
1/4-18 NPTF	ANSI G	Y83228	3P	2.437	1.062	0.459	0.562	0.421	0.437	4	1
3/8-18 NPTF	ANSI G	Y83229	3P	2.562	1.062	0.454	0.7	0.531	0.5	4	1
1/2-14 NPTF	ANSI G	Y83230	3P	3.125	1.375	0.579	0.687	0.515	0.625	4	2
3/4-14 NPTF	ANSI G	Y83231	3P	3.25	1.375	0.565	0.906	0.679	0.687	5	2
1 -11 1/2 NPTF	ANSI G	Y83232	3P	3.75	1.75	0.678	1.125	0.843	0.812	5	2
1 1/4-11 1/2 NPTF	ANSI G	Y83233	3P	4	1.75	0.686	1.312	0.984	0.937	5	2
1 1/2-11 1/2 NPTF	ANSI G	Y83234	3P	4.25	1.75	0.699	1.5	1.125	1	7	2
2 -11 1/2 NPTF	ANSI G	Y83235	3P	4.5	1.75	0.667	1.875	1.406	1.125	7	2