

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

ANSI

NPTF

Hand Taps for American Dryseal Taper Pipe Threads



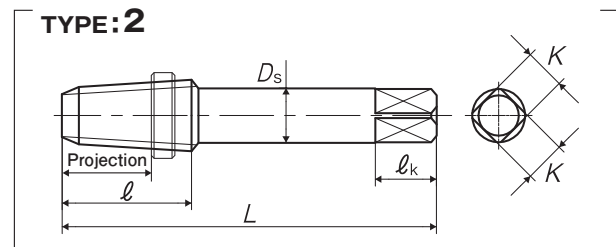
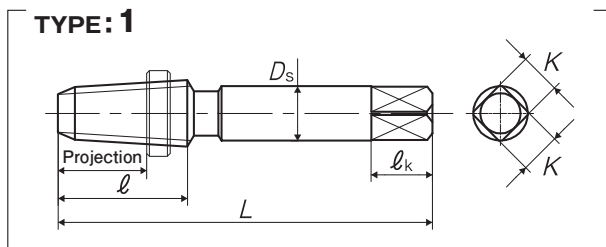
Specification



■ The NPTF is a hand tap for the American dry seal tapered pipe threads and is used for products whose main purpose is the tightness of the threaded part in connection with pipe parts, etc.

Tapping Speed depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼
~5 (m/min)	~5 (m/min)	~5 (m/min)



Segment : 1G

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	Projection (inch)	Ds (inch)	K (inch)	ℓk (inch)	No. of flutes	TYPE
For Dryseal American Pipe Threads											
1/16-27 NPTF	ANSI G	Y83125	3P	2.125	0.687	0.312	0.312	0.234	0.375	4	1
1/16-27 NPTF	ANSI G	Y83125BR	3P	2.125	0.687	0.312	0.312	0.234	0.375	4	1
1/8-27 NPTF	ANSI G	Y83126	3P	2.125	0.75	0.312	0.437	0.328	0.375	4	1
1/8-27 NPTF	ANSI G	Y83126BR	3P	2.125	0.75	0.312	0.437	0.328	0.375	4	1
1/8-27 NPTF	ANSI G	Y83127	3P	2.125	0.75	0.312	0.312	0.234	0.375	4	2
1/8-27 NPTF	ANSI G	Y83127BR	3P	2.125	0.75	0.312	0.312	0.234	0.375	4	2
1/4-18 NPTF	ANSI G	Y83128	3P	2.437	1.062	0.459	0.562	0.421	0.437	4	1
1/4-18 NPTF	ANSI G	Y83128BR	3P	2.437	1.062	0.459	0.562	0.421	0.437	4	1
3/8-18 NPTF	ANSI G	Y83129	3P	2.562	1.062	0.454	0.7	0.531	0.5	4	1
3/8-18 NPTF	ANSI G	Y83129BR	3P	2.562	1.062	0.454	0.7	0.531	0.5	4	1
1/2-14 NPTF	ANSI G	Y83130	3P	3.125	1.375	0.579	0.687	0.515	0.625	4	2
1/2-14 NPTF	ANSI G	Y83130BR	3P	3.125	1.375	0.579	0.687	0.515	0.625	4	2
3/4-14 NPTF	ANSI G	Y83131	3P	3.25	1.375	0.565	0.906	0.679	0.687	5	2
3/4-14 NPTF	ANSI G	Y83131BR	3P	3.25	1.375	0.565	0.906	0.679	0.687	5	2
1 -11 1/2 NPTF	ANSI G	Y83132	3P	3.75	1.75	0.678	1.125	0.843	0.812	5	2
1 -11 1/2 NPTF	ANSI G	Y83132BR	3P	3.75	1.75	0.678	1.125	0.843	0.812	5	2
1 1/4-11 1/2 NPTF	ANSI G	Y83133	3P	4	1.75	0.686	1.312	0.984	0.937	5	2
1 1/4-11 1/2 NPTF	ANSI G	Y83133BR	3P	4	1.75	0.686	1.312	0.984	0.937	5	2
1 1/2-11 1/2 NPTF	ANSI G	Y83134	3P	4.25	1.75	0.699	1.5	1.125	1	6	2
1 1/2-11 1/2 NPTF	ANSI G	Y83134BR	3P	4.25	1.75	0.699	1.5	1.125	1	6	2
2 -11 1/2 NPTF	ANSI G	Y83135	3P	4.5	1.75	0.667	1.875	1.406	1.125	6	2
2 -11 1/2 NPTF	ANSI G	Y83135BR	3P	4.5	1.75	0.667	1.875	1.406	1.125	6	2

• This product is different from JIS products in shape and dimensions, please be careful when using.
• BR at the end of a product code indicates untreated products.

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- 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/Metal Surgical Instruments