

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

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## NPSF

Hand Taps for American Dryseal Parallel Pipe Threads



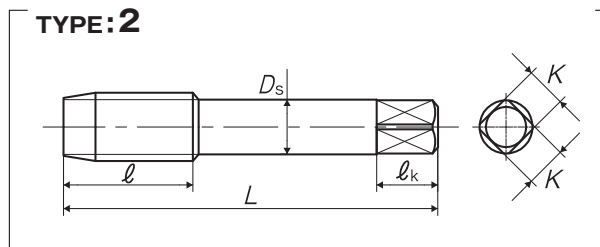
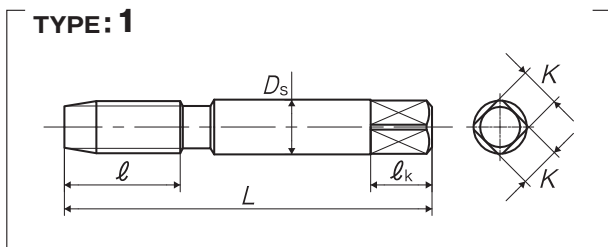
### Specification



■ The NPSF is a hand tap for the American dry seal parallel pipe threads and is used for screw tapping of products whose main purpose is the tightness of threaded parts in connection with pipe parts etc.

### Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼	Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
5~10 (m/min)	5~10 (m/min)	5~10 (m/min)



Segment : 1G

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For American Pipe Threads												
1/16-27 NPSF	ANSI G	TNSF01L	5P	7.770	54	17	8	6	9	4	1	¥ 6,250 <sup>*</sup>
1/8-27 NPSF	ANSI G	TNSF02L	5P	10.117	55	19	8	6	9	4	2	¥ 6,250 <sup>*</sup>
1/4-18 NPSF	ANSI G	TNSF04O	5P	13.426	62	28	11	9	12	4	2	¥ 9,170 <sup>*</sup>
3/8-18 NPSF	ANSI G	TNSF06O	5P	16.866	65	28	14	11	14	4	2	¥ 15,300 <sup>*</sup>
1/2-14 NPSF	ANSI G	TNSF08Q	5P	20.980	80	35	18	14	17	4	2	¥ 24,900 <sup>*</sup>
3/4-14 NPSF	ANSI G	TNSF12Q	5P	26.325	85	35	23	17	20	4	2	¥ 39,800 <sup>*</sup>
1 -11 1/2 NPSF	ANSI G	TNSF16T	5P	32.934	95	45	26	21	24	5	2	¥ 73,900 <sup>*</sup>
1 1/4-11 1/2 NPSF	ANSI G	TNSF20T	5P	41.689	105	45	32	26	30	5	2	¥ 114,000 <sup>*</sup>
1 1/2-11 1/2 NPSF	ANSI G	TNSF24T	5P	47.760	110	45	38	29	32	6	2	¥ 163,000 <sup>*</sup>
2 -11 1/2 NPSF	ANSI G	TNSF32T	5P	59.797	120	50	46	35	38	6	2	¥ 270,000 <sup>*</sup>

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/  
Metal Surgical Instruments ⑫