

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

- 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

## INT-NPT

Interrupted Taps for American Taper Pipe Threads



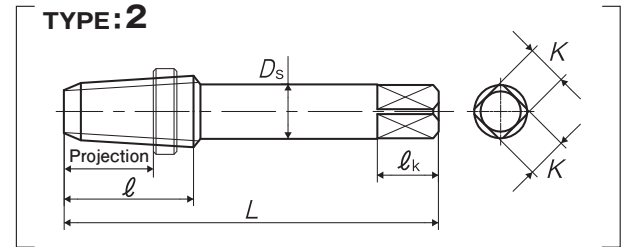
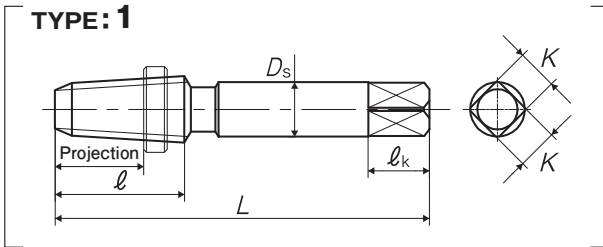
### Specification



■ INT-NPT having low left-hand spiral flutes and having every other thread ground off, reduces cutting torque. INT-NPT is suitable for such sticky materials as stainless steels and chrome molybdenum steels.

### Tapping Speed depending on Materials

Low carbon steels 低炭素鋼	Stainless steels ステンレス鋼	Cast steels 鋳鋼
~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 American Pipe Threads											
1/8-27 NPT	ANSI G	Y83151	3P	2.125	0.75	0.312	0.437	0.328	0.375	5	1
1/8-27 NPT	ANSI G	Y83151BR	3P	2.125	0.75	0.312	0.437	0.328	0.375	5	1
1/8-27 NPT	ANSI G	Y83152	3P	2.125	0.75	0.312	0.312	0.234	0.375	5	2
1/8-27 NPT	ANSI G	Y83152BR	3P	2.125	0.75	0.312	0.312	0.234	0.375	5	2
1/4-18 NPT	ANSI G	Y83153	3P	2.437	1.062	0.459	0.562	0.421	0.437	5	1
1/4-18 NPT	ANSI G	Y83153BR	3P	2.437	1.062	0.459	0.562	0.421	0.437	5	1
3/8-18 NPT	ANSI G	Y83154	3P	2.562	1.062	0.454	0.7	0.531	0.5	5	1
3/8-18 NPT	ANSI G	Y83154BR	3P	2.562	1.062	0.454	0.7	0.531	0.5	5	1
1/2-14 NPT	ANSI G	Y83155	3P	3.125	1.375	0.579	0.687	0.515	0.625	5	2
1/2-14 NPT	ANSI G	Y83155BR	3P	3.125	1.375	0.579	0.687	0.515	0.625	5	2
3/4-14 NPT	ANSI G	Y83156	3P	3.25	1.375	0.565	0.906	0.679	0.687	5	2
3/4-14 NPT	ANSI G	Y83156BR	3P	3.25	1.375	0.565	0.906	0.679	0.687	5	2
1 -11 1/2 NPT	ANSI G	Y83157	3P	3.75	1.75	0.678	1.125	0.843	0.812	5	2
1 -11 1/2 NPT	ANSI G	Y83157BR	3P	3.75	1.75	0.678	1.125	0.843	0.812	5	2
1 1/4-11 1/2 NPT	ANSI G	Y83158	3P	4	1.75	0.686	1.312	0.984	0.937	5	2
1 1/4-11 1/2 NPT	ANSI G	Y83158BR	3P	4	1.75	0.686	1.312	0.984	0.937	5	2
1 1/2-11 1/2 NPT	ANSI G	Y83159	3P	4.25	1.75	0.699	1.5	1.125	1	7	2
1 1/2-11 1/2 NPT	ANSI G	Y83159BR	3P	4.25	1.75	0.699	1.5	1.125	1	7	2
2 -11 1/2 NPT	ANSI G	Y83160	3P	4.5	1.75	0.667	1.875	1.406	1.125	7	2
2 -11 1/2 NPT	ANSI G	Y83160BR	3P	4.5	1.75	0.667	1.875	1.406	1.125	7	2