

1 Spiral Fluted Tap Series for blind hole

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ _n	ℓ _s	D _s	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/Metal Surgical Instruments

ANSI

Z-PRO HVSP LH



Z-PRO Hybrid Value Spiral Fluted Taps for Steel for Left Hand Threads

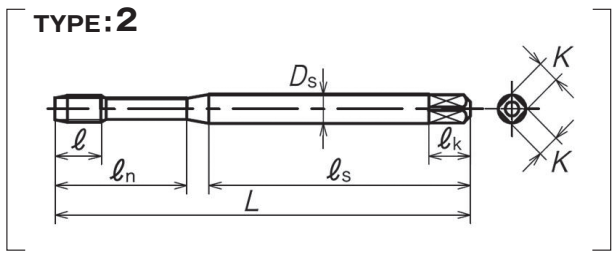
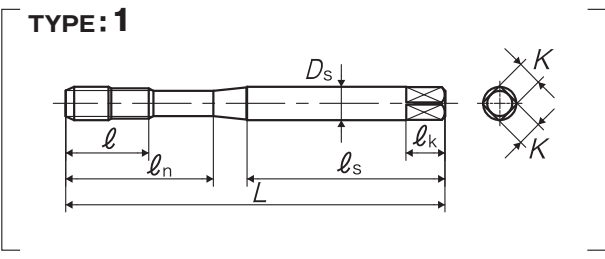
Specification



■ Hybrid value spiral fluted tap for steel for left-hand thread with improved chip ejection efficiency and greater chipping resistance.

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	Alloy steels 合金鋼	Thermal refined steels 調質鋼	Stainless steels ステンレス鋼	Cast steels 鋳鋼
3~12 (m/min)	3~12 (m/min)	3~12 (m/min)	3~12 (m/min)	~5 (m/min) 25~35HRC	~5 (m/min)	3~12 (m/min)



Segment : 1C

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓ _n (inch)	ℓ _s (inch)	D _s (inch)	K (inch)	ℓ _k (inch)	No. of flutes	TYPE
For Metric Threads												
M3 × 0.5	D4	5116102035	2.5P	2.205	0.433	0.736	1.339	0.141	0.11	0.187	4	1
M3 × 0.35	D4	5116102036	2.5P	2.205	0.256	0.736	1.339	0.141	0.11	0.187	4	1
M4 × 0.7	D5	5116102042	2.5P	2.48	0.512	0.815	1.535	0.168	0.131	0.25	4	1
M4 × 0.5	D4	5116102043	2.5P	2.48	0.354	0.815	1.535	0.168	0.131	0.25	4	1
M5 × 0.8	D5	5116102049	2.5P	2.756	0.551	0.984	1.654	0.194	0.152	0.25	4	1
M5 × 0.5	D4	5116102051	2.5P	2.756	0.354	0.984	1.654	0.194	0.152	0.25	4	1
M6 × 1	D6	5116102055	2.5P	3.15	0.591	1.181	1.693	0.255	0.191	0.312	4	1
M6 × 0.75	D6	5116102056	2.5P	3.15	0.591	1.181	1.693	0.255	0.191	0.312	4	1
M6 × 0.5	D4	5116102057	2.5P	3.15	0.354	1.181	1.693	0.255	0.191	0.312	4	1
For Unified Threads												
No.5-40UNC	2BX	5116104021	2.5P	2.205	0.197	0.736	1.339	0.141	0.11	0.187	4	2
No.5-44UNF	2BX	5116104022	2.5P	2.205	0.197	0.736	1.339	0.141	0.11	0.187	4	2
No.6-32UNC	2BX	5116104023	2.5P	2.205	0.276	0.748	1.339	0.141	0.11	0.187	4	2
No.6-40UNF	2BX	5116104024	2.5P	2.205	0.276	0.748	1.339	0.141	0.11	0.187	4	2
No.8-32UNC	2BX	5116104029	2.5P	2.48	0.276	0.827	1.535	0.168	0.131	0.25	4	2
No.8-36UNF	2BX	5116104030	2.5P	2.48	0.276	0.827	1.535	0.168	0.131	0.25	4	2
No.10-24UNC	2BX	5116104039	2.5P	2.756	0.354	0.945	1.654	0.194	0.152	0.25	4	2
No.10-32UNF	2BX	5116104041	2.5P	2.756	0.354	0.945	1.654	0.194	0.152	0.25	4	2
1/4-20UNC	2BX	5116104058	2.5P	3.15	0.433	1.181	1.693	0.255	0.191	0.312	4	2
1/4-28UNF	2BX	5116104062	2.5P	3.15	0.433	1.181	1.693	0.255	0.191	0.312	4	2



· This product is different from JIS products in shape and dimensions, please be careful when using.