

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	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



Z-PRO

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Coated Spiral Fluted Taps with Coolant Through Hole

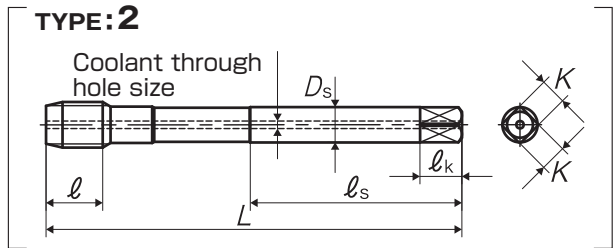
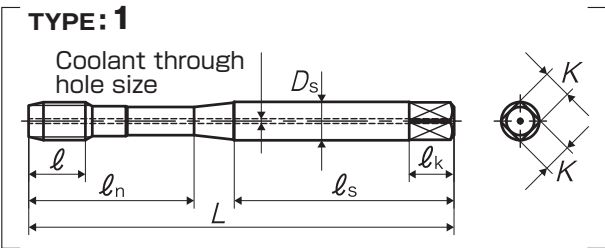
Specification



- Durability is improved by premium powder HSS and special coating.
- Chip ejection efficiency is improved and cutting resistance is reduced by the unique cutting edge shape, achieving a good internal thread and long tool life.

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	Stainless steels ステンレス鋼	Tool steels 工具鋼	Ductile cast irons 強靱鑄鉄
10~20 (m/min)	10~30 (m/min)	10~30 (m/min)	10~20 (m/min)	3~10 (m/min)	5~10 (m/min)	10~20 (m/min)
Wrought aluminum アルミ圧延材	Aluminum alloy castings アルミ合金鋳物					
10~20 (m/min)	10~20 (m/min)					



Segment : 1D

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓ_n (inch)	ℓ_s (inch)	Ds (inch)	K (inch)	ℓ_k (inch)	No. of flutes	Coolant hole size (inch)	TYPE
For Unified Threads													
5/16-18UNC	GH5	5201103071	2.5P	3.543	0.472	1.378	1.831	0.318	0.238	0.375	3	0.039	1
3/8-16UNC	GH5	5201103082	2.5P	3.937	0.512	1.535	2.028	0.381	0.286	0.437	3	0.059	1
1/2-13UNC	GH5	5201103111	2.5P	4.331	0.591	-	2.205	0.367	0.275	0.437	3	0.079	2