

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

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HT TRI

Hand Taps for Tripod Threads



Specification



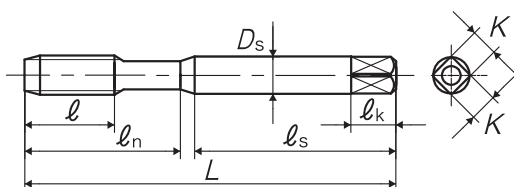
■ Hand Tap for camera tripod threads. Its thread size is oversized.

Recommended Tapping Speeds depending on Materials

Brass 黄銅 ~10 (m/min)	Brass castings 黄銅鑄物 ~10 (m/min)	Aluminum alloy castings アルミ合金鑄物 ~10 (m/min)	Magnesium alloy die castings マグネシウム合金鑄物 ~10 (m/min)	Zinc alloy castings 亜鉛合金鑄物 ~10 (m/min)
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For icon explanation, refer to icon-1

TYPE: 1



Segment: 1A

Size	Code	Chamfer	L (mm)	ℓ (mm)	ℓ _n (mm)	ℓ _s (mm)	D _s (mm)	K (mm)	ℓ _k (mm)	No. of flutes	TYPE	MSRP
For Tripod Threads												
1/4-20	TYU04N0KEB3	3P	62	15	26	33	6	4.5	7	3	1	¥ 1,480*
1/4-20	TYU04N0KEBA	1.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,480*

■ for Tripod Threads

unit: mm

Size	Class	Major Diameter		Pitch Diameter		Minor Diameter
		Basic Size	Basic Size	Upper Tolerance (μm) +	Lower Tolerance (μm) +	Basic Size
1/4 - 20	-	6.350	5.525	230	210	4.975

■ Bored hole size

unit: mm

Size	Minor diameter of internal thread (D ₁)		Bored hole size (reference)
	Max.	Min.	
1/4 - 20	5.267	4.975	5.19

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 ⑨

Dies ⑩

Center Drills
Centering Tools ⑪

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓn	ℓs	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
- ⑩ Dies
- ⑪ Center Drills Centering Tools



SP TRI

Spiral Fluted Taps for Tripod Threads



Specification

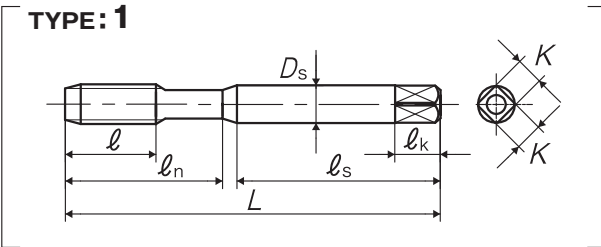


■ Spiral Fluted Tap for camera tripod threads. Its thread size is oversized.

Recommended Tapping Speeds depending on Materials

Brass 黄銅 ~10 (m/min)	Brass castings 黄銅鑄物 ~10 (m/min)	Aluminum alloy castings アルミ合金鑄物 ~10 (m/min)	Magnesium alloy die castings マグネシウム合金鑄物 ~10 (m/min)	Zinc alloy castings 亜鉛合金鑄物 ~10 (m/min)
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For icon explanation, refer to icon-1



Segment : 1C

Size	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For Tripod Threads												
1/4-20	SYU04N0KEB	2.5P	62	15	26	33	6	4.5	7	3	1	¥ 1,680 ^{**}

for Tripod Threads

unit: mm

Size	Class	Major Diameter	Pitch Diameter		Minor Diameter	
		Basic Size	Basic Size	Upper Tolerance (μm) +	Lower Tolerance (μm) +	Basic Size
1/4 - 20	-	6.350	5.525	230	210	4.975

Bored hole size

unit: mm

Size	Minor diameter of internal thread (D _i)		Bored hole size (reference)
	Max.	Min.	
1/4 - 20	5.267	4.975	5.19