

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

JIS

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

JIS

⑦-39

S

HT CTC

Hand Taps for Steel Conduit Threads



Specification

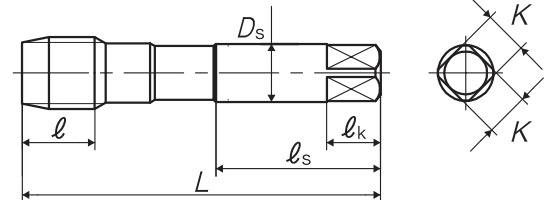


■ Tap for steel conduit threads. Thread angle is 80 degree and the thread symbol is CTC.

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
~10 (m/min)	~10 (m/min)	~10 (m/min)

TYPE: 1



Segment : 1A

Size	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	ℓ_n (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Steel Conduit Threads													
CTC19-16	TYCC190HEB5	5P	19.100	105	23	-	50	15	12	15	4	1	¥ 17,400 □
CTC25-16	TYCC250HEB5	5P	25.400	125	24	-	58	19	15	18	4	1	¥ 38,100 □
CTC31-16	TYCC310HEB5	5P	31.800	145	26	-	67	24	19	22	4	1	¥ 55,000 □
CTC39-16	TYCC390HEB5	5P	38.100	165	27	-	76	30	23	26	4	1	¥ 73,400 □

■ For Steel Conduit Threads unit: mm

Size	Pitch Diameter	Minor Diameter
	Basic Size	Basic Size
CTC 19 - 16	18.343	17.708
CTC 25 - 16	24.643	24.008
CTC 31 - 16	31.043	30.408
CTC 39 - 16	37.343	36.708

■ Bored hole size unit: mm

Size	Minor Diameter of Internal Thread (D _i)		Bored Hole Size (Reference)
	Max.	Min.	
CTC 19 - 16	18.208	17.808	18.11
CTC 25 - 16	24.508	24.108	24.41
CTC 31 - 16	30.908	30.508	30.81
CTC 39 - 16	37.208	36.808	37.11

Think threads with
YAMAWA

□=In stock at manufacturer.