

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

7

JIS

HT CTG

Hand Taps for Thick Steel Conduit Threads



Specification

HSS



■ Tap for thick steel conduit threads. Thread angle is 55 degree and the thread symbol is CTG.

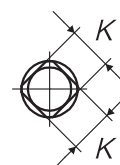
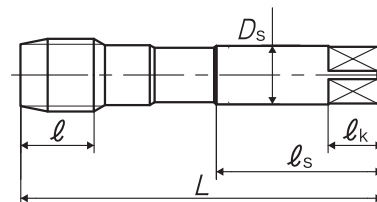
Tapping Speeds depending on Materials

Low carbon steels
低炭素鋼
~10
(m/min)

Medium carbon steels
中炭素鋼
~10
(m/min)

High carbon steels
高炭素鋼
~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 Thick Steel Conduit Threads													
CTG16-14	TYCG160HEB5	5P	20.955	115	25	-	55	17	13	16	4	1	¥ 24,800 □
CTG22-14	TYCG220HEB5	5P	26.441	130	26	-	60	20	15	18	4	1	¥ 35,000 □
CTG28-11	TYCG280HEB5	5P	33.249	155	31	-	71	28	21	24	4	1	¥ 58,600 □
CTG36-11	TYCG360HEB5	5P	41.910	180	33	-	83	35	26	30	4	1	¥ 94,400 □
CTG42-11	TYCG420HEB5	5P	47.803	185	34	-	85	38	29	32	4	1	¥ 105,000 □

For Thick Steel Conduit Threads unit: mm

Size	Pitch Diameter	Minor Diameter
	Basic Size	Basic Size
CTG 16 - 14	19.793	18.922
CTG 22 - 14	25.279	24.408
CTG 28 - 11	31.770	30.661
CTG 36 - 11	40.431	39.322
CTG 42 - 11	46.324	45.215

Bored hole size unit: mm

Size	Minor Diameter of Internal Thread (D _i)		Bored Hole Size (Reference)
	Max.	Min.	
CTG 16 - 14	19.522	19.022	19.4
CTG 22 - 14	25.008	24.508	24.9
CTG 28 - 11	31.361	30.761	31.2
CTG 36 - 11	40.022	39.422	39.9
CTG 42 - 11	45.915	45.315	45.8

Spiral Fluted Taps
(for blind hole) ①

Spiral Fluted Taps
(for through hole) ②

Spiral Pointed Taps
(for through hole) ③

Hand Taps
(for blind hole) ④

Cemented Carbide Taps ⑤

Roll Taps ⑥

Special Thread Taps
Simple Inspection Tools ⑦

Pipe Taps ⑧

Thread Mills
Premium Thread Mills ⑨

Dies ⑩

Center Drills
Centering Tools ⑪

Precision Machinery/
Medical Surgical Instruments ⑫

JIS ⑦-40

Think threads with
YAMAWA

□=In stock at manufacturer.