

Overall length	Pin length	Bored hole dia. (GO)	Bored hole dia. (NOT-GO)	d ₁ length	d ₂ length	Shank dia.	Size of square	Length of square
L	ℓ	d ₁	d ₂	ℓ ₁	ℓ ₂	Ds	K	ℓk

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

CPC-T

Check Pins for Bored Holes in Thread Cut Tapping (Taper Type)

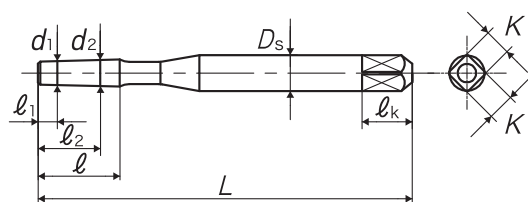


Specification

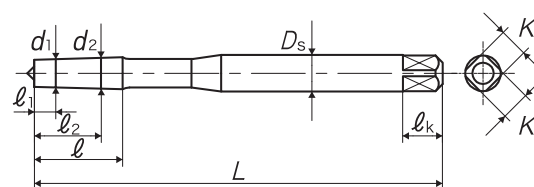
HSS

■ One CPC-T enables simple checking of bored hole dia. (for cutting taps, taper type). CPC-T is made from wear resistant HSS material and is applicable for through hole and for blind hole having enough space in the bottom.

TYPE: 1



TYPE: 2



Segment : 7C

Size	Code	L (mm)	ℓ (mm)	d ₁ (Thread engagement ratio)	d ₂ (Thread engagement ratio)	ℓ ₁ (mm)	ℓ ₂ (mm)	Ds (mm)	K (mm)	ℓk (mm)	TYPE	MSRP
For Metric Threads												
M2 × 0.4	CPCT2.0E	42	7	1.567 (100%)	1.679 (74%)	1	6	3	2.5	5	1	¥ 1,800 □
M2.5 × 0.45	CPCT2.5F	46	8	2.013 (100%)	2.138 (74%)	1.5	6.5	3	2.5	5	1	¥ 1,920 □
M2.5 × 0.35	CPCT2.5D	46	8	2.121 (100%)	2.221 (74%)	1.5	6.5	3	2.5	5	1	¥ 2,280 □
M3 × 0.5	CPCT3.0G	46	8.5	2.459 (100%)	2.599 (74%)	1.5	7	4	3.2	6	1	¥ 2,040 □
M3 × 0.35	CPCT3.0D	46	8.5	2.621 (100%)	2.721 (74%)	1.5	7	4	3.2	6	1	¥ 2,400 □
M3.5 × 0.6	CPCT3.5H	52	10.5	2.850 (100%)	3.010 (75%)	2.25	8.25	5	4	7	1	¥ 2,280 □
M3.5 × 0.35	CPCT3.5D	52	10.5	3.121 (100%)	3.221 (74%)	2.25	8.25	5	4	7	1	¥ 2,520 □
M4 × 0.7	CPCT4.0I	52	10.5	3.242 (100%)	3.422 (76%)	2.25	8.25	5	4	7	1	¥ 2,280 □
M4 × 0.5	CPCT4.0G	52	10.5	3.459 (100%)	3.599 (74%)	2.25	8.25	5	4	7	1	¥ 2,520 □
M4.5 × 0.75	CPCT4.5J	59.5	12.5	3.688 (100%)	3.878 (77%)	2.5	10	5.5	4.5	7	1	¥ 2,280 □
M4.5 × 0.5	CPCT4.5G	59.5	12.5	3.959 (100%)	4.099 (74%)	2.5	10	5.5	4.5	7	1	¥ 2,760 □
M5 × 0.8	CPCT5.0K	59.5	12.5	4.134 (100%)	4.334 (77%)	2.5	10	5.5	4.5	7	1	¥ 2,280 □
M5 × 0.5	CPCT5.0G	59.5	12.5	4.459 (100%)	4.599 (74%)	2.5	10	5.5	4.5	7	1	¥ 2,760 □
M6 × 1	CPCT6.0M	61.5	16.5	4.917 (100%)	5.153 (78%)	3.75	12.75	6	4.5	7	1	¥ 2,520 □
M6 × 0.75	CPCT6.0J	61.5	16.5	5.188 (100%)	5.378 (77%)	3.75	12.75	6	4.5	7	1	¥ 3,000 □
M7 × 1	CPCT7.0M	90	19.4	5.917 (100%)	6.153 (78%)	4.7	14.7	8	6.2	9	2	¥ 2,880 □
M7 × 0.75	CPCT7.0J	90	19.4	6.188 (100%)	6.378 (77%)	4.7	14.7	8	6.2	9	2	¥ 3,240 □
M8 × 1.25	CPCT8.0N	90	19.4	6.647 (100%)	6.912 (80%)	4.7	14.7	8	6.2	9	2	¥ 2,880 □
M8 × 1	CPCT8.0M	90	19.4	6.917 (100%)	7.153 (78%)	4.7	14.7	8	6.2	9	2	¥ 3,240 □
M8 × 0.75	CPCT8.0J	90	19.4	7.188 (100%)	7.378 (77%)	4.7	14.7	8	6.2	9	2	¥ 3,240 □
M9 × 1.25	CPCT9.0N	100	23.4	7.647 (100%)	7.912 (80%)	6.7	16.7	10	8	11	2	¥ 2,880 □
M9 × 1	CPCT9.0M	100	23.4	7.917 (100%)	8.153 (78%)	6.7	16.7	10	8	11	2	¥ 3,360 □
M9 × 0.75	CPCT9.0J	100	23.4	8.188 (100%)	8.378 (77%)	6.7	16.7	10	8	11	2	¥ 3,360 □
M10 × 1.5	CPCT10.0O	100	23.4	8.376 (100%)	8.676 (82%)	6.7	16.7	10	8	11	2	¥ 2,880 □
M10 × 1.25	CPCT10.0N	100	23.4	8.647 (100%)	8.912 (80%)	6.7	16.7	10	8	11	2	¥ 3,360 □

Think threads with
YAMAWA

□=In stock at manufacturer.

Overall length	Pin length	Bored hole dia. (G)	Bored hole dia. (H7-G6)	d ₁ length	d ₂ length	Shank dia.	Size of square	Length of square
L	ℓ	d ₁	d ₂	ℓ ₁	ℓ ₂	Ds	K	ℓk

Size	Code	L (mm)	ℓ (mm)	d ₁ (Thread engagement ratio)	d ₂ (Thread engagement ratio)	ℓ ₁ (mm)	ℓ ₂ (mm)	Ds (mm)	K (mm)	ℓk (mm)	TYPE	MSRP
M10 × 1	CPCT010M	100	23.4	8.917 (100%)	9.153 (78%)	6.7	16.7	10	8	11	2	¥ 3,360 □
M10 × 0.75	CPCT010J	100	23.4	9.188 (100%)	9.378 (77%)	6.7	16.7	10	8	11	2	¥ 3,360 □
M11 × 1.5	CPCT011O	110	27.4	9.376 (100%)	9.676 (82%)	7.7	19.7	12	9	12	2	¥ 3,000 □
M11 × 1	CPCT011M	110	27.4	9.917 (100%)	10.153 (78%)	7.7	19.7	12	9	12	2	¥ 3,480 □
M11 × 0.75	CPCT011J	110	27.4	10.188 (100%)	10.378 (77%)	7.7	19.7	12	9	12	2	¥ 3,480 □
M12 × 1.75	CPCT012P	110	27.4	10.106 (100%)	10.441 (82%)	7.7	19.7	12	9	12	2	¥ 3,000 □
M12 × 1.5	CPCT012O	110	27.4	10.376 (100%)	10.676 (82%)	7.7	19.7	12	9	12	2	¥ 3,480 □
M12 × 1.25	CPCT012N	110	27.4	10.647 (100%)	10.912 (80%)	7.7	19.7	12	9	12	2	¥ 3,480 □
M12 × 1	CPCT012M	110	27.4	10.917 (100%)	11.153 (78%)	7.7	19.7	12	9	12	2	¥ 3,480 □
For Unified Threads												
No.2-56UNC	CPCTUN2E	42	7	1.695 (100%)	1.871 (64%)	1	6	3	2.5	5	1	¥ 2,160 □
No.2-64UNF	CPCTUN2D	42	7	1.756 (100%)	1.912 (63%)	1	6	3	2.5	5	1	¥ 2,160 □
No.3-48UNC	CPCTUN3F	46	8	1.941 (100%)	2.146 (64%)	1.5	6.5	3	2.5	5	1	¥ 2,520 □
No.3-56UNF	CPCTUN3E	46	8	2.025 (100%)	2.197 (65%)	1.5	6.5	3	2.5	5	1	¥ 2,520 □
No.4-40UNC	CPCTUN4H	46	8	2.157 (100%)	2.385 (67%)	1.5	6.5	3	2.5	5	1	¥ 2,400 □
No.4-48UNF	CPCTUN4F	46	8	2.271 (100%)	2.458 (68%)	1.5	6.5	3	2.5	5	1	¥ 2,400 □
No.5-40UNC	CPCTUN5H	46	8.5	2.487 (100%)	2.697 (70%)	1.5	7	4	3.2	6	1	¥ 2,520 □
No.5-44UNF	CPCTUN5G	46	8.5	2.551 (100%)	2.74 (70%)	1.5	7	4	3.2	6	1	¥ 2,520 □
No.6-32UNC	CPCTUN6J	46	8.5	2.642 (100%)	2.895 (70%)	1.5	7	4	3.2	6	1	¥ 2,520 □
No.6-40UNF	CPCTUN6H	46	8.5	2.820 (100%)	3.022 (70%)	1.5	7	4	3.2	6	1	¥ 2,520 □
No.8-32UNC	CPCTUN8J	52	10.5	3.302 (100%)	3.530 (74%)	2.25	8.25	5	4	7	1	¥ 2,760 □
No.8-36UNF	CPCTUN8I	52	10.5	3.404 (100%)	3.606 (73%)	2.25	8.25	5	4	7	1	¥ 2,760 □
No.10-24UNC	CPCTUNAM	59.5	12.5	3.683 (100%)	3.962 (75%)	2.5	10	5.5	4.5	7	1	¥ 2,790 □
No.10-32UNF	CPCTUNAJ	59.5	12.5	3.963 (100%)	4.165 (77%)	2.5	10	5.5	4.5	7	1	¥ 2,790 □
No.12-24UNC	CPCTUNCM	59.5	12.5	4.344 (100%)	4.597 (78%)	2.5	10	5.5	4.5	7	1	¥ 3,000 □
No.12-28UNF	CPCTUNCK	59.5	12.5	4.496 (100%)	4.724 (78%)	2.5	10	5.5	4.5	7	1	¥ 3,000 □
1/4-20UNC	CPCTU04N	61.5	16.5	4.979 (100%)	5.257 (80%)	3.75	12.75	6	4.5	7	1	¥ 3,120 □
1/4-28UNF	CPCTU04K	61.5	16.5	5.36 (100%)	5.588 (78%)	3.75	12.75	6	4.5	7	1	¥ 3,120 □
5/16-18UNC	CPCTU05O	90	19.4	6.401 (100%)	6.731 (80%)	4.7	14.7	8	6.2	9	2	¥ 3,360 □
5/16-24UNF	CPCTU05M	90	19.4	6.782 (100%)	7.035 (80%)	4.7	14.7	8	6.2	9	2	¥ 3,360 □
3/8-16UNC	CPCTU06P	100	23.4	7.798 (100%)	8.153 (80%)	6.7	16.7	10	8	11	2	¥ 3,420 □
3/8-24UNF	CPCTU06M	100	23.4	8.382 (100%)	8.636 (78%)	6.7	16.7	10	8	11	2	¥ 3,420 □
7/16-14UNC	CPCTU07Q	110	27.4	9.144 (100%)	9.55 (80%)	7.7	19.7	12	9	12	2	¥ 3,480 □
7/16-20UNF	CPCTU07N	110	27.4	9.729 (100%)	10.033 (80%)	7.7	19.7	12	9	12	2	¥ 3,480 □
1/2-13UNC	CPCTU08R	110	27.4	10.592 (100%)	11.023 (80%)	7.7	19.7	12	9	12	2	¥ 3,720 □
1/2-20UNF	CPCTU08N	110	27.4	11.329 (100%)	11.607 (80%)	7.7	19.7	12	9	12	2	¥ 3,720 □

Spiral Fluted Taps
(for blind hole)

①

Spiral Fluted Taps
(for through hole)

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Spiral Pointed Taps
(for through hole)

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Hand Taps

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Cemented Carbide Taps

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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

⑦-76

□=In stock at manufacturer.

Think threads with
YAMAWA