

HT BC

Hand Taps for Bicycle Threads

Specification



Tapping Speeds depending on Materials

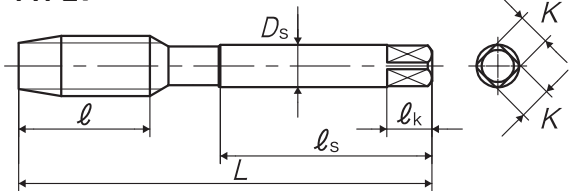
Low carbon steels 低炭素鋼	Medium carbon steels 中炭素鋼
~10 (m/min)	~10 (m/min)

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓn	ℓs	Ds	K	ℓk

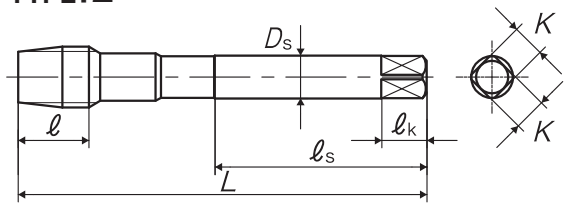


■ Tap for bicycle threads (general use).

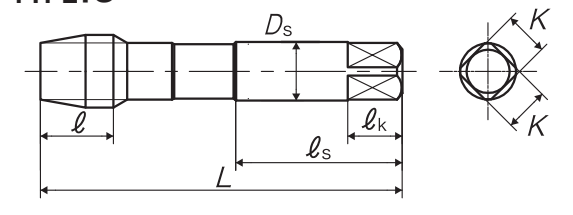
TYPE: 1



TYPE: 2



TYPE: 3



Segment : 1S

Size	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
For Bicycle Threads												
BC 5/16-26	TYBC01RHEB5	5P	70	19	-	36	6.2	5	8	3	1	¥ 3,360 □
BC 5/16-26	TYBC01RHEBA	1.5P	70	19	-	36	6.2	5	8	3	1	¥ 3,360 □
BC 3/8-26	TYBC02RHEB5	5P	75	23	-	38	7	5.5	8	4	1	¥ 3,840 □
BC 3/8-26	TYBC02RHEBA	1.5P	75	23	-	38	7	5.5	8	4	1	¥ 3,840 □
BC 7/16-26	TYBC03RHEB5	5P	82	26	-	42	8.5	6.5	9	4	1	¥ 5,670 □
BC 7/16-26	TYBC03RHEBA	1.5P	82	26	-	42	8.5	6.5	9	4	1	¥ 5,670 □
BC 1/2-20	TYBC04RHEB5	5P	88	26	-	45	10.5	8	11	4	1	¥ 6,810 □
BC 1/2-20	TYBC04RHEBA	1.5P	88	26	-	45	10.5	8	11	4	1	¥ 6,810 □
BC 9/16-20	TYBC05RHEB5	5P	95	26	-	48	12.5	10	13	4	1	¥ 9,840 □
BC 9/16-20	TYBC05RHEBA	1.5P	95	26	-	48	12.5	10	13	4	1	¥ 9,840 □
BC 5/8-20	TYBC06RHEB5	5P	95	26	-	48	12.5	10	13	4	1	¥ 9,840 □
BC 5/8-20	TYBC06RHEBA	1.5P	95	26	-	48	12.5	10	13	4	1	¥ 9,840 □
BC 11/16-24	TYBC07RHEB5	5P	100	18	-	51	14	11	14	4	2	¥ 11,800 □
BC 11/16-24	TYBC07RHEBA	1.5P	100	18	-	51	14	11	14	4	2	¥ 11,800 □
BC 3/4-30	TYBC08RHEB5	5P	105	18	-	50	15	12	15	4	3	¥ 15,900 □
BC 3/4-30	TYBC08RHEBA	1.5P	105	18	-	50	15	12	15	4	3	¥ 15,900 □
BC 31/32-30	TYBC09RHEB5	5P	125	20	-	58	19	15	18	4	3	¥ 35,000 □

□=In stock at manufacturer.

Think threads with
YAMAWA

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓn	ℓs	Ds	K	ℓk

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HT BC Hand Taps for Bicycle Threads

Size	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
BC 31/32-30	TYBC09RHEBA	1.5P	125	20	-	58	19	15	18	4	3	¥ 35,000 □
BC 1-24	TYBC10RHEB5	5P	125	20	-	58	19	15	18	4	3	¥ 35,000 □
BC 1-24	TYBC10RHEBA	1.5P	125	20	-	58	19	15	18	4	3	¥ 35,000 □
BC 1.29-24	TYBC11RHEB5	5P	145	21	-	67	25	19	22	4	3	¥ 50,400 □
BC 1.29-24	TYBC11RHEBA	1.5P	145	21	-	67	25	19	22	4	3	¥ 50,400 □
BC 1.37-24	TYBC12RHEB5	5P	155	26	-	71	28	21	24	4	3	¥ 58,600 □
BC 1.37-24	TYBC12RHEBA	1.5P	155	26	-	71	28	21	24	4	3	¥ 58,600 □
BC 1 7/16-24	TYBC13RHEB5	5P	165	26	-	76	30	23	26	4	3	¥ 67,200 □
BC 1 7/16-24	TYBC13RHEBA	1.5P	165	26	-	76	30	23	26	4	3	¥ 67,200 □
BC 1.45-24	TYBC14RHEB5	5P	165	26	-	76	30	23	26	4	3	¥ 67,200 □
BC 1.45-24	TYBC14RHEBA	1.5P	165	26	-	76	30	23	26	4	3	¥ 67,200 □
BC 1 9/16-24	TYBC15RHEB5	5P	175	27	-	81	32	26	30	4	3	¥ 81,800 □
BC 1 9/16-24	TYBC15RHEBA	1.5P	175	27	-	81	32	26	30	4	3	¥ 81,800 □

For Bicycle Threads

unit: mm

Size	Major Diameter	Pitch Diameter	Minor Diameter
	Basic Size	Basic Size	Basic Size
BC 5/16 - 26	7.94	7.42	6.90
BC 3/8 - 26	9.53	9.01	8.49
BC 7/16 - 26	11.11	10.59	10.07
BC 1/2 - 20	12.70	12.02	11.34
BC 9/16 - 20	14.29	13.61	12.93
BC 5/8 - 20	15.88	15.20	14.52
BC 11/16 - 24	17.46	16.90	16.34
BC 3/4 - 30	19.05	18.60	18.15
BC 31/32 - 30	24.61	24.16	23.71
BC 1 - 24	25.40	24.84	24.28
BC 1.29 - 24	32.77	32.21	31.65
BC 1.37 - 24	34.80	34.24	33.68
BC 1 7/16 - 24	36.51	35.95	35.39
BC 1.45 - 24	36.83	36.27	35.71
BC 1 9/16 - 24	39.69	39.13	38.57

Bored hole size

unit: mm

Size	Minor Diameter of Internal Thread (D _i)		Bored Hole Size (Reference)
	Max.	Min.	
BC 5/16 - 26	7.16	7.06	7.14
BC 3/8 - 26	8.75	8.65	8.73
BC 7/16 - 26	10.33	10.23	10.31
BC 1/2 - 20	11.66	11.55	11.63
BC 9/16 - 20	13.25	13.14	13.22
BC 5/8 - 20	14.84	14.73	14.81
BC 11/16 - 24	16.59	16.48	16.56
BC 3/4 - 30	18.40	18.29	18.37
BC 31/32 - 30	23.96	23.85	23.93
BC 1 - 24	24.58	24.46	24.55
BC 1.29 - 24	31.96	31.83	31.93
BC 1.37 - 24	33.99	33.86	33.96
BC 1 7/16 - 24	35.70	35.57	35.67
BC 1.45 - 24	36.02	35.89	35.99
BC 1 9/16 - 24	38.88	38.75	38.85

- 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/Metal Surgical Instruments