

# 5 Cemented Carbide Tap Series

Overall length	Thread length	Shank length	Shank dia.
L	ℓ	ℓs	Ds

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

## HFICT-B



Carbide Taps for Ultra Fast Tappings, Blind Hole Use, for Cast Irons

### Specification



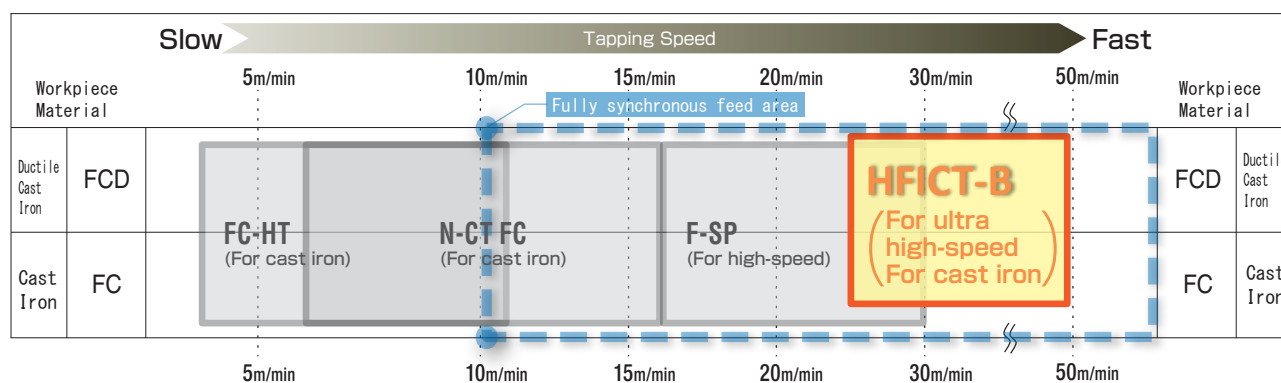
### Tapping Speeds depending on Materials

Cast irons 鑄鉄	Ductile cast irons 強靱鑄鉄	Brass castings 黄銅鑄物
25~50 (m/min)	25~50 (m/min)	25~50 (m/min)

### Product Features

- The HFICT-B is a carbide tap capable of ultra high speed tapping. It has a coolant through hole for internal lubrication distribution or mist applications. It can lower temperature by cooling in a dry tapping application where necessary with an air blast. It is suitable for blind hole tapping in materials such as cast irons and brass castings.

### Product symbol table

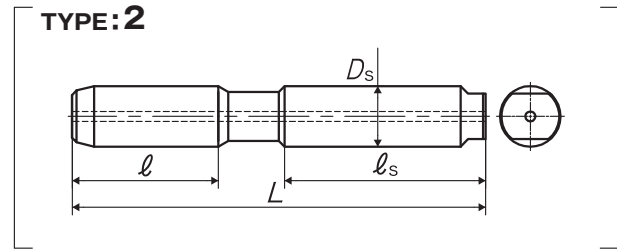
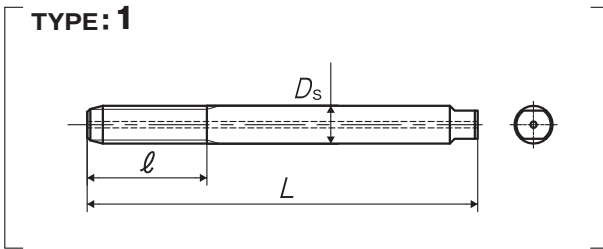


A diagram of tapping range.

Overall length	Thread length	Shank length	Shank dia.
L	$\ell$	$\ell_s$	Ds

5

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Segment : 1L

Size	Class	Code	Chamfer	L (mm)	$\ell$ (mm)	$\ell_s$ (mm)	Ds (mm)	K (mm)	$\ell_k$ (mm)	No. of flutes	TYPE	MSRP
For Metric Threads												
M6 × 1	P3	HFICTBR6.0M	2.5P	62	19	-	6	-	-	4	1	¥ 28,200
M8 × 1.25	P3	HFICTBR8.0N	2.5P	70	22	36	8	-	-	4	2	¥ 36,500
M10 × 1.5	P3	HFICTBR010O	2.5P	75	24	37	10	-	-	4	2	¥ 50,200
M10 × 1.25	P3	HFICTBR010N	2.5P	75	24	37	10	-	-	4	2	¥ 50,200
M12 × 1.75	P3	HFICTBR012P	2.5P	82	29	40	12	-	-	4	2	¥ 65,500
M12 × 1.5	P3	HFICTBR012O	2.5P	82	29	40	12	-	-	4	2	¥ 65,500
M12 × 1.25	P3	HFICTBR012N	2.5P	82	29	40	12	-	-	4	2	¥ 65,500

Note:

- There is no shank square so please use a holder with high holding force such as milling chuck.
- The back end of the shank is a tongue drive specification. If the area where the back end of the shank contacts the holder is a V dish shape, the coolant may leak.

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