

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-P



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

Specification



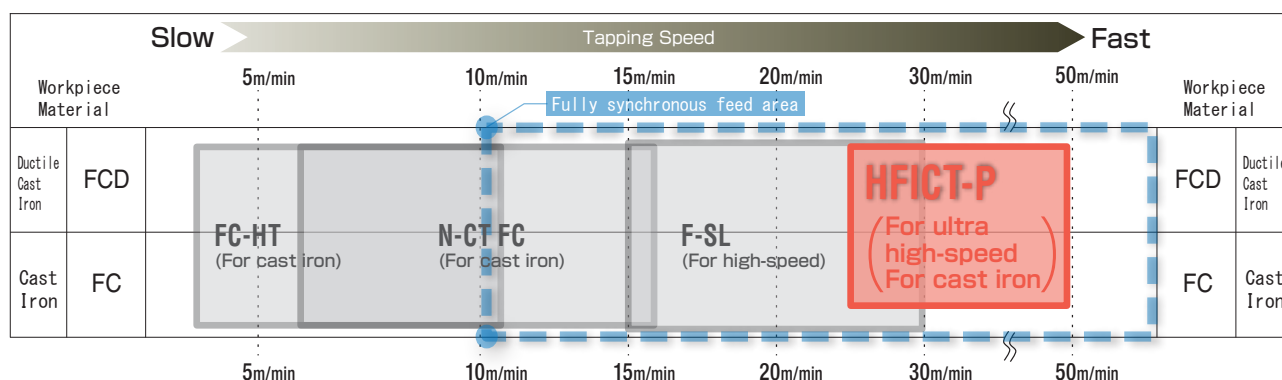
Tapping Speeds depending on Materials

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-P is a carbide tap capable of ultra high speed tapping. It has a side 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 through hole tapping in materials such as cast irons and brass castings.

Product system table



A diagram of tapping range.

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

5

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(for blind hole) ①Spiral Fluted Taps
(for through hole) ②Spiral Pointed Taps
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Hand Taps ④

Cemented Carbide Taps ⑤

Roll Taps ⑥

Special Thread Taps
Simple Inspection Tools ⑦

Pipe Taps ⑧

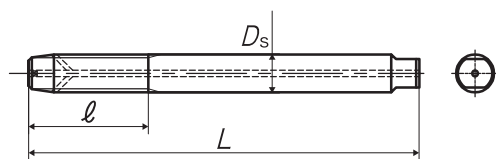
Thread Mills
Premium Thread Mills ⑨

Dies ⑩

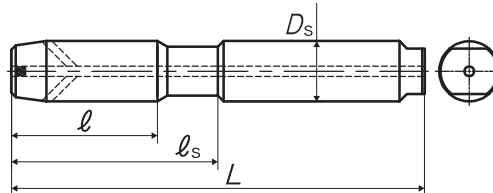
Center Drills
Centering Tools ⑪Precision Machinery/
Medical Surgical Instruments ⑫

JIS ⑤-36

TYPE:1



TYPE:2



Segment : 1L

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Metric Threads												
M6 × 1	P3	HFICTPR6.0M	4P	62	19	-	6	-	-	4	1	¥ 28,200
M8 × 1.25	P3	HFICTPR8.0N	4P	70	22	36	8	-	-	4	2	¥ 36,500
M10 × 1.5	P3	HFICTPR010O	4P	75	24	37	10	-	-	4	2	¥ 50,200
M10 × 1.25	P3	HFICTPR010N	4P	75	24	37	10	-	-	4	2	¥ 50,200
M12 × 1.75	P3	HFICTPR012P	4P	82	29	40	12	-	-	4	2	¥ 65,500
M12 × 1.5	P3	HFICTPR012O	4P	82	29	40	12	-	-	4	2	¥ 65,500
M12 × 1.25	P3	HFICTPR012N	4P	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.