

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

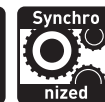
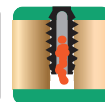
JIS

HFACT-P



Carbide Taps for Ultra Fast Tappings, Through Hole Use, for Aluminum

Specification



Tapping Speeds depending on Materials

Brass castings
黄銅鑄物
30~100
(m/min)

Aluminum alloy castings
アルミ合金鑄物
30~100
(m/min)

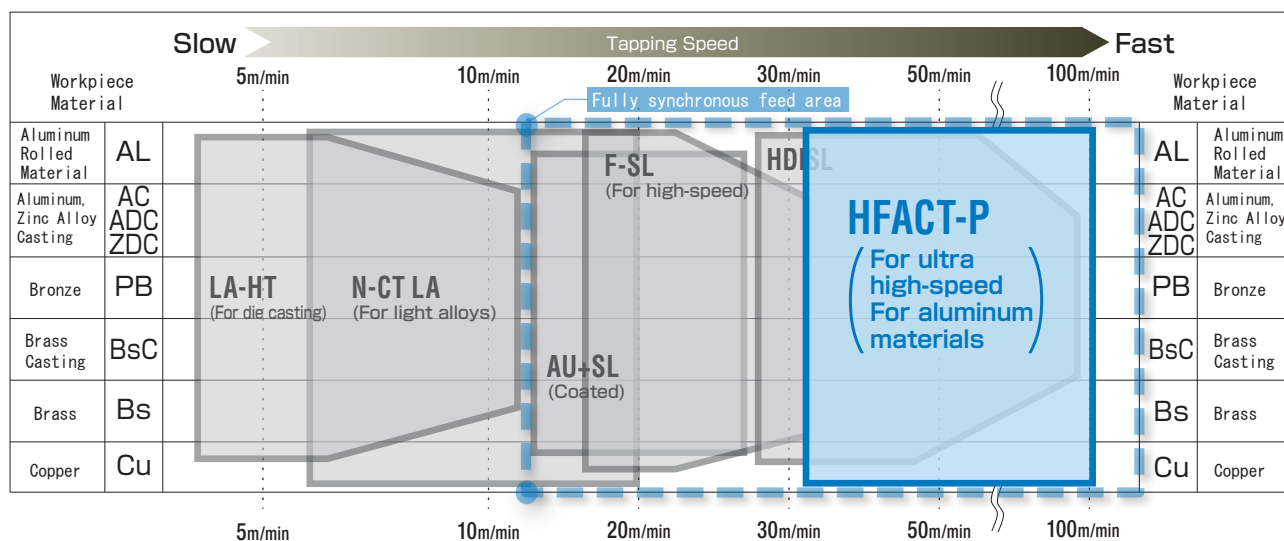
Magnesium alloy die castings
マグネシウム合金鑄物
30~100
(m/min)

Zinc alloy castings
亜鉛合金鑄物
30~100
(m/min)

Product Features

- The HFACT-P is a carbide tap capable of ultra high speed tapping in Aluminum. Utilizing a side coolant through hole shape, it is compatible with internal lubrication and mist applications for through hole tapping. It lowers temperature cooling in dry tapping where necessary. It is suitable for materials such as aluminum casting or aluminum die casting.

Product system table

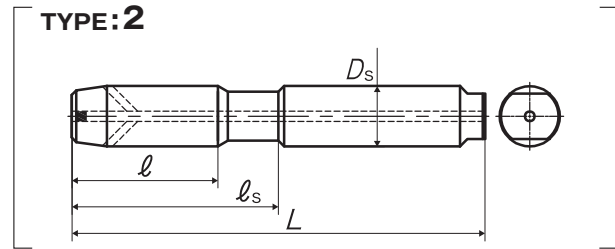
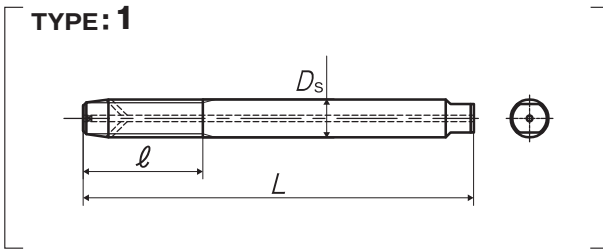


A diagram of tapping range.

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

5

JIS



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	HFACTPR6.0M	4P	62	19	-	6	-	-	3	1	¥ 28,200
M8 × 1.25	P3	HFACTPR8.0N	4P	70	22	36	8	-	-	3	2	¥ 36,500
M10 × 1.5	P3	HFACTPR010O	4P	75	24	37	10	-	-	3	2	¥ 50,200
M10 × 1.25	P3	HFACTPR010N	4P	75	24	37	10	-	-	3	2	¥ 50,200
M12 × 1.75	P3	HFACTPR012P	4P	82	29	40	12	-	-	3	2	¥ 65,500
M12 × 1.5	P3	HFACTPR012O	4P	82	29	40	12	-	-	3	2	¥ 65,500
M12 × 1.25	P3	HFACTPR012N	4P	82	29	40	12	-	-	3	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.

Spiral Fluted Taps
(for blind hole) ①Spiral Fluted Taps
(for through hole) ②Spiral Pointed Taps
(for through hole) ③

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