2 Spiral Fluted Tap Series for through hole

٤k ls Ds

Spiral Fluted Taps (for blind hole)

al Pointed Taps (for through hole) Spiral

Taps

Hand 4

(6)

Special Thread Taps Simple Inspection Tools

Taps (8)

(10)

Center Drills

Z-PRO



Z-PRO Spiral Fluted Taps for Carbon Steels of Medium Hardness, Through Hole Use (with LH Spiral Flutes)

Specification











■Suitable for through hole tapping of medium hardness steels such as forgings of high carbon steels and thermal refined steels (25HRC~35HRC)

Tapping Speeds depending on Materials

16

16

2~16 (m/min)

2~16

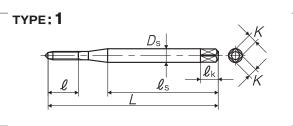
35~45HBC

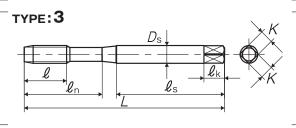
 $M6 \sim M16$

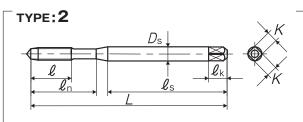
10

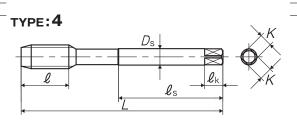
10~20

25~35HRC









Segment: 1T												
Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓn (inch)	ℓ s (inch)	Ds (inch)	K (inch)	ℓk (inch)	No. of flutes	TYPE
For Metric threads												
$M2 \times 0.4$	D3	5109101021	5P	1.772	0.314	-	1.161	0.141	0.11	0.187	2	1
$M2.5 \times 0.45$	D4	5109101029	5P	2.205	0.354	0.693	1.28	0.141	0.11	0.187	3	2
$M3 \times 0.5$	D4	5109101035	5P	2.205	0.433	0.736	1.339	0.141	0.11	0.187	3	2
$M3.5 \times 0.6$	D4	5109101038	5P	2.205	0.433	0.748	1.339	0.141	0.11	0.187	3	2
$M4 \times 0.7$	D5	5109101042	5P	2.48	0.512	0.815	1.535	0.168	0.131	0.25	3	2
$M4.5 \times 0.75$	D5	5109101045	5P	2.756	0.551	0.945	1.654	0.194	0.152	0.25	3	5
$M5 \times 0.8$	D5	5109101049	5P	2.756	0.551	0.984	1.654	0.194	0.152	0.25	3	2
$M5 \times 0.5$	D4	5109101051	5P	2.756	0.354	0.984	1.654	0.194	0.152	0.25	3	2
M6 × 1	D5	LS6.0M5FCL5	5P	3.15	0.591	1.181	1.713	0.255	0.191	0.312	3	2





Spiral Fluted Taps
(for blind hole)

Spiral Pointed Taps Spiral Fluted Taps (for through hole)

(3)

Hand Taps 4

Carbide Taps

Roll Taps 6



Size	Class	Code	Chamfer	L (inch)	(inch)	ℓn (inch)	ℓs (inch)	Ds (inch)	K (inch)	ℓk (inch)	No. of flutes	TYPE
M8 × 1.25	D5	LS8.0N5FCL5	5P	3.543	0.748	1.378	1.831	0.318	0.238	0.375	3	3
$M10 \times 1.5$	D6	LS010O6FCL5	5P	3.937	0.906	1.535	2.126	0.381	0.286	0.437	3	3
M10 × 1.25	D6	LS010N6FCL5	5P	3.937	0.906	1.535	2.126	0.381	0.286	0.437	3	3
$M12 \times 1.75$	D7	LS012P7FCL5	5P	4.331	1.024	-	2.205	0.367	0.275	0.437	4	4
M12 × 1.5	D6	LS012O6FCL5	5P	4.331	1.024	-	2.205	0.367	0.275	0.437	4	4
$M12 \times 1.25$	D6	LS012N6FCL7	7P	4.331	1.024	-	2.205	0.367	0.275	0.437	4	4
M14 × 1.5	D7	LS014O7FCL7	7P	4.331	1.024	-	2.205	0.429	0.322	0.5	4	4
$M16 \times 1.5$	D7	LS016O7FCL7	7P	4.331	1.024	-	2.205	0.48	0.36	0.562	4	4