

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ _n	ℓ _s	D _s	K	ℓ _k

1

DIN

Spiral Fluted Taps
(for blind hole)

Spiral Fluted Taps
(for through hole)

Spiral Pointed Taps
(for through hole)

Hand Taps

Cemented Carbide Taps

Roll Taps

Special Thread Taps
Simple inspection tools

Pipe Taps

Thread Mills
Premium Thread Mills

Dies

Center Drills
Centering Tools

Precision Machinery/
Metal Surgical Instruments

DIN

1-162

DIN

LO-SP

Low Spiral Fluted Taps



Specification

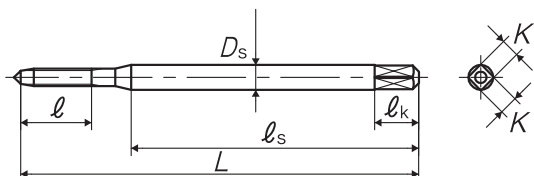


Tapping Speeds depending on Materials

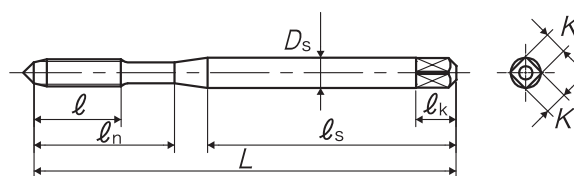
Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
5~10 (m/min)	5~10 (m/min)

■ Spiral flutes with low helix can break down chips and can eject them smoothly. Suitable for thermal refined high carbon steels and alloy tool steels. Effective in horizontal tapping.

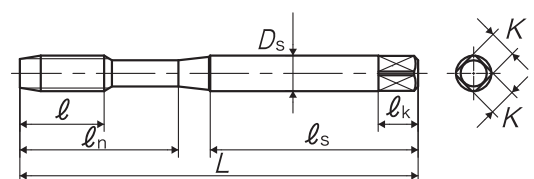
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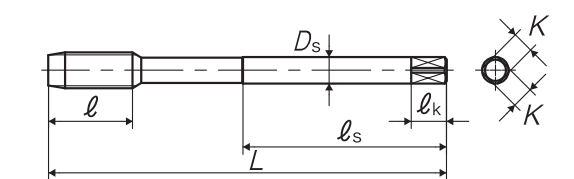
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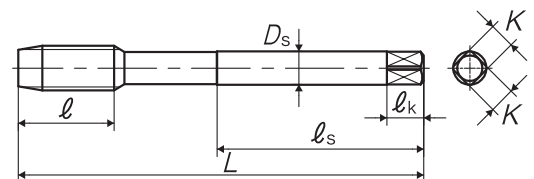
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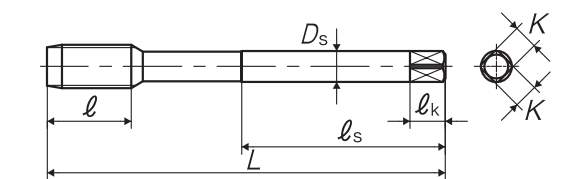
TYPE:4



TYPE:5



TYPE:6



Segment : 1D (G=1H)

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ _n (mm)	ℓ _s (mm)	D _s (mm)	K (mm)	ℓ _k (mm)	No. of flutes	TYPE
For Metric Threads												
M2 × 0.4	ISO2	SD2.0EANEHBH	3.5P	45	8	-	32	2.8	2.1	5	2	1
M2.3 × 0.4	ISO2	SD2.3EANEHBH	3.5P	45	9	-	32	2.8	2.1	5	2	1
M2.5 × 0.45	ISO2	SD2.5FANEHBH	3.5P	50	8	15	33	2.8	2.1	5	2	2
M2.6 × 0.45	ISO2	SD2.6FANEHBH	3.5P	50	8	15	33	2.8	2.1	5	2	2
M3 × 0.5	ISO2	SD3.0GANEHBH	3.5P	56	9	18	34	3.5	2.7	6	2	2
M3.5 × 0.6	ISO2	SD3.5HANEHBH	3.5P	56	11	20	32	4	3	6	3	2
M4 × 0.7	ISO2	SD4.0IANEBH	3.5P	63	13	21	38	4.5	3.4	6	3	2
M5 × 0.8	ISO2	SD5.0KANEHBH	3.5P	70	14	25	39	6	4.9	8	3	2
M6 × 1	ISO2	SD6.0MANEBH	3.5P	80	15	30	45	6	4.9	8	3	2
M8 × 1.25	ISO2	SD8.0NANEHBH	3.5P	90	19	35	47	8	6.2	9	3	3

1 Spiral Fluted Tap Series for blind hole

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

DIN

LO-SP Low Spiral Fluted Taps

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE
M8 × 1	ISO2	SM8.0MANEBH	3.5P	90	19	-	46	6	4.9	8	3	4
M10 × 1.5	ISO2	SD010OANEHBH	3.5P	100	23	39	52.5	10	8	11	3	3
M10 × 1.25	ISO2	SM010NANEHBH	3.5P	100	23	-	51	7	5.5	8	3	4
M10 × 1	ISO2	SM010MANEBH	3.5P	90	19	-	46	7	5.5	8	3	4
M12 × 1.75	ISO2	SG012PANEHBH	3.5P	110	26	-	56	9	7	10	3	5
M12 × 1.5	ISO2	SM012OANEHBH	3.5P	100	21	-	51	9	7	10	3	4
M12 × 1.25	ISO2	SM012NANEHBH	3.5P	100	21	-	51	9	7	10	3	4
M12 × 1	ISO2	SM012MANEBH	3.5P	100	21	-	51	9	7	10	3	4
M14 × 2	ISO2	SG014QANEHBH	3.5P	110	26	-	56	11	9	12	3	5
M14 × 1.5	ISO2	SM014OANEHBH	3.5P	100	21	-	51	11	9	12	3	4
M16 × 2	ISO2	SG016QANEHBH	3.5P	110	26	-	56	12	9	12	3	5
M16 × 1.5	ISO2	SM016OANEHBH	3.5P	100	21	-	51	12	9	12	3	4
M16 × 1	ISO2	SM016MANEBH	3.5P	100	21	-	51	12	9	12	3	4
M18 × 1.5	ISO2	SM018OANEHBH	3.5P	110	24	-	56	14	11	14	4	4
M20 × 2.5	ISO2	SG020RANEHBH	3.5P	140	33	-	71	16	12	15	4	5
M24 × 3	ISO2	SG024SANEHBH	3.5P	160	37	-	82	18	14.5	17	4	5
M24 × 1.5	ISO2	SM024OANEHBH	3.5P	140	27	-	71	18	14.5	17	4	4
M30 × 3.5	ISO2	SG030TANEHBH	3.5P	180	44	-	92	22	18	21	4	5
For G Threads												
G 1/8-28	-	SVG0020NEBH	3.5P	90	19	-	46	7	5.5	8	3	6
G 1/4-19	-	SVG0040NEBH	3.5P	100	21	-	51	11	9	12	3	6
G 3/8-19	-	SVG0060NEBH	3.5P	100	21	-	51	12	9	12	3	6
G 1/2-14	-	SVG0080NEBH	3.5P	125	24	-	64	16	12	15	4	6
G 1 -11	-	SVG0160NEBH	3.5P	160	29	-	82	25	20	23	4	6

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

DIN