

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ_n	ℓ_s	Ds	K	ℓ_k

1

DIN

Spiral Fluted Taps
(for blind hole)

1

Spiral Fluted Taps
(for through hole)

2

Spiral 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

11

Precision Machinery/
Metal Surgical Instruments

12

DIN

1-126

SP+VA

Spiral Fluted Taps for Stainless Steels



Specification

HSS

OX
Oxide



Synchro
nized



Most suitable for stainless steels, sticky and tending to work-harden, as well as chrome steels and molybdenum steels, blind hole use.

Tapping Speeds depending on Materials

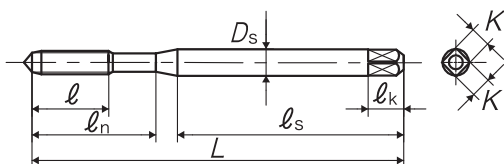
Medium carbon steels
中炭素鋼
5~15
(m/min)

High carbon steels
高炭素鋼
5~15
(m/min)

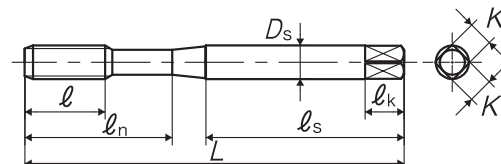
Alloy steels
合金鋼
5~15
(m/min)

Stainless steels
ステンレス鋼
5~10
(m/min)

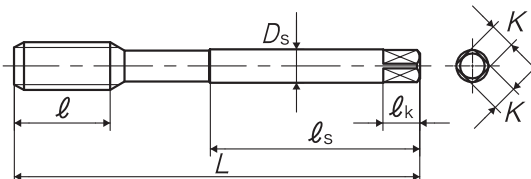
TYPE: 1



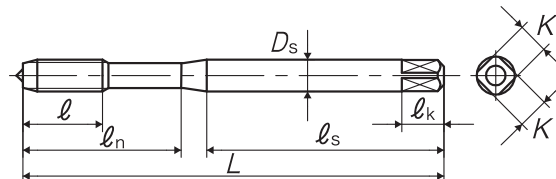
TYPE: 2



TYPE: 3



TYPE: 4



Segment : 1D

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓ_n (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE
For Metric Threads												
M3 × 0.5	ISO2	SE3.0GAGEX	2.5P	56	9	18	34	3.5	2.7	6	3	1
M4 × 0.7	ISO2	SE4.0IAGEX	2.5P	63	13	21	38	4.5	3.4	6	3	1
M5 × 0.8	ISO2	SE5.0KAGEX	2.5P	70	14	25	39	6	4.9	8	3	1
M6 × 1	ISO2	SE6.0MAGEX	2.5P	80	15	30	45	6	4.9	8	3	1
M6 × 1	ISO2	SZ6.0MAGEX	2.5P	80	15	30	45	6	4.9	8	3	4
M8 × 1.25	ISO2	SE8.0NAGEX	2.5P	90	19	35	47	8	6.2	9	3	2
M8 × 1.25	ISO2	SZ8.0NAGEX	2.5P	90	19	35	48	8	6.2	9	3	4
M10 × 1.5	ISO2	SE10.0AGEX	2.5P	100	23	39	52.5	10	8	11	4	2
M10 × 1.5	ISO2	SZ10.0AGEX	2.5P	100	23	39	53	10	8	11	4	4
M12 × 1.75	ISO2	SZ12.0PAGEX	2.5P	110	26	45	56	12	9	12	4	4
M12 × 1.75	ISO2	SH12.0PAGEX	2.5P	110	26	-	56	9	7	10	4	3