

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

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

SP-VA E

Spiral Fluted Taps for Stainless Steels



Specification

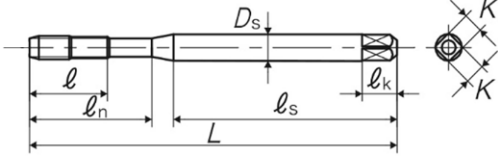


■ Most suitable for stainless steels, sticky and tending to work-harden, as well as chrome steels and molybdenum steels, blind hole use.

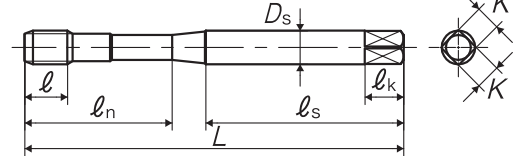
Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼 ~10 (m/min)	High carbon steels 高炭素鋼 ~10 (m/min)	Alloy steels 合金鋼 ~10 (m/min)	Stainless steels ステンレス鋼 ~10 (m/min)
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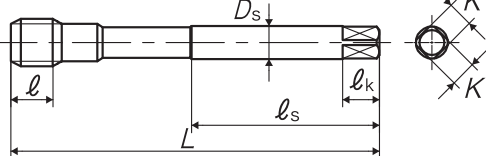
TYPE: 1



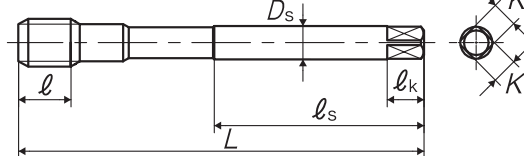
TYPE: 2



TYPE: 3



TYPE: 4



Segment : 1D

Size	Class	Code	Chamfer	L (mm)	l (mm)	ln (mm)	ls (mm)	Ds (mm)	K (mm)	lk (mm)	No. of flutes	TYPE
For Metric Threads												
M3 × 0.5	ISO2	SD3.0GAGEXA	E(1.5P)	56	9	18	34	3.5	2.7	6	3	1
M4 × 0.7	ISO2	SD4.0IAGEXA	E(1.5P)	63	13	21	38	4.5	3.4	6	3	1
M5 × 0.8	ISO2	SD5.0KAGEXA	E(1.5P)	70	14	25	39	6	4.9	8	3	1
M6 × 1	ISO2	SD6.0MAGEXA	E(1.5P)	80	15	30	45	6	4.9	8	3	1
M8 × 1.25	ISO2	SD8.0NAGEXA	E(1.5P)	90	12	35	47	8	6.2	9	3	2
M8 × 1	ISO2	SM8.0MAGEXA	E(1.5P)	90	12	-	46	6	4.9	8	3	3
M10 × 1.5	ISO2	SD010OAGEXA	E(1.5P)	100	13	39	52.5	10	8	11	4	2
M10 × 1.25	ISO2	SM010NAGEXA	E(1.5P)	100	13	-	51	7	5.5	8	4	3
M10 × 1	ISO2	SM010MAGEXA	E(1.5P)	90	13	-	46	7	5.5	8	4	3
M12 × 1.75	ISO2	SG012PAGEXA	E(1.5P)	110	15	-	56	9	7	10	4	4
M12 × 1.5	ISO2	SM012OAGEXA	E(1.5P)	100	15	-	51	9	7	10	4	3
M12 × 1.25	ISO2	SM012NAGEXA	E(1.5P)	100	15	-	51	9	7	10	4	3
M14 × 2	ISO2	SG014QAGEXA	E(1.5P)	110	18	-	56	11	9	12	4	4
M14 × 1.5	ISO2	SM014OAGEXA	E(1.5P)	100	14	-	51	11	9	12	4	3
M16 × 2	ISO2	SG016QAGEXA	E(1.5P)	110	18	-	56	12	9	12	4	4
M16 × 1.5	ISO2	SM016OAGEXA	E(1.5P)	100	14	-	51	12	9	12	4	3
M20 × 2.5	ISO2	SG020RAGEXA	E(1.5P)	140	20	-	71	16	12	15	4	4

DIN



This product is different from JIS products in shape and dimensions, please be careful when using.

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

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

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Cemented Carbide Taps

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Roll Taps

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Special Thread Taps
Simple Inspection Tools

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Pipe Taps

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Thread Mills
Premium Thread Mills

9

Dies

10

Center Drills
Centering Tools

11

Precision Machinery/
Metal Surgical Instruments

12

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE
For Unified Threads												
5/16-18UNC	2B	SDU05OXGEXA	E(1.5P)	90	12	35	47	8	6.2	9	3	2
3/8-16UNC	2B	SDU06PXGEXA	E(1.5P)	100	13	39	54.5	9	7	10	3	2
7/16-14UNC	2B	SGU07QXGEXA	E(1.5P)	100	13	-	51	8	6.2	9	4	4
1/2-13UNC	2B	SGU08RXGEXA	E(1.5P)	110	15	-	56	9	7	10	4	4
9/16-12UNC	2B	SGU09SXGEXA	E(1.5P)	110	18	-	56	11	9	12	4	4
5/8-11UNC	2B	SGU10UXGEXA	E(1.5P)	110	18	-	56	12	9	12	4	4
3/4-10UNC	2B	SGU12VXGEXA	E(1.5P)	125	20	-	64	14	11	14	4	4
7/8-9UNC	2B	SGU14WXGEXA	E(1.5P)	140	20	-	71	18	14.5	17	4	4
1- 8UNC	2B	SGU16XXGEXA	E(1.5P)	160	25	-	82	18	14.5	17	4	4
1 1/8-7UNC	2B	SGU18YXGEXA	E(1.5P)	180	30	-	92	22	18	21	4	4
1 1/4-7UNC	2B	SGU20YXGEXA	E(1.5P)	180	30	-	92	22	18	21	4	4
1 3/8-6UNC	2B	SGU22ZXGEXA	E(1.5P)	200	40	-	102	28	22	25	4	4
1 1/2-6UNC	2B	SGU24ZXGEXA	E(1.5P)	200	40	-	102	32	24	27	4	4

DIN

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