

③ Spiral Pointed Tap Series for through 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

PO V

Spiral Pointed Taps, Coated



Specification

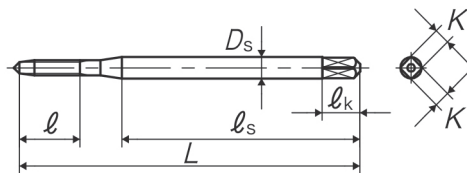


■ Adopting the optimum coating for the tapping condition.

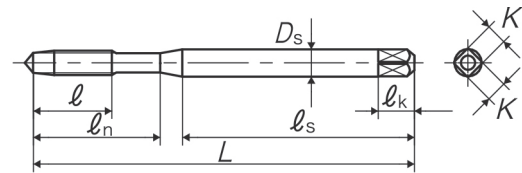
Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼	Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)	10~20 (m/min)

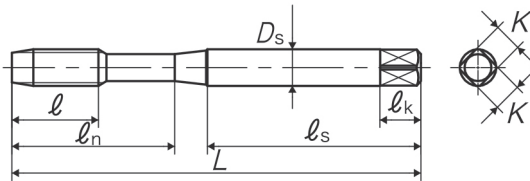
TYPE: 1



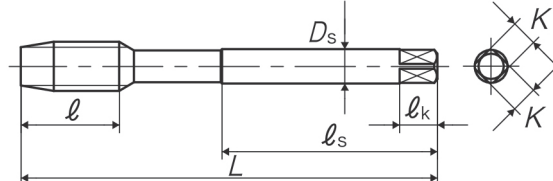
TYPE: 2



TYPE: 3



TYPE: 4



Segment : 1F (G=1H)

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												
M2 × 0.4	ISO2	96302.0TI	5P	45	8	-	32	2.8	2.1	5	3	1
M2.5 × 0.45	ISO2	96302.5TI	5P	50	8	15	33	2.8	2.1	5	3	2
M3 × 0.5	ISO2	96303.0TI	5P	56	9	18	34	3.5	2.7	6	3	2
M3 × 0.5	ISO3	96303.06GTI	5P	56	9	18	34	3.5	2.7	6	3	2
M3.5 × 0.6	ISO2	96303.5TI	5P	56	11	20	32	4	3	6	3	2
M4 × 0.7	ISO2	96304.0TI	5P	63	13	21	38	4.5	3.4	6	3	2
M4 × 0.7	ISO3	96304.06GTI	5P	63	13	21	38	4.5	3.4	6	3	2
M5 × 0.8	ISO2	96305.0TI	5P	70	14	25	39	6	4.9	8	3	2
M5 × 0.8	ISO3	96305.06GTI	5P	70	14	25	39	6	4.9	8	3	2
M6 × 1	ISO2	96306.0TI	5P	80	15	30	45	6	4.9	8	3	2
M6 × 1	ISO3	96306.06GTI	5P	80	15	30	45	6	4.9	8	3	2
M8 × 1.25	ISO2	96308.0TI	5P	90	19	35	47	8	6.2	9	3	3
M8 × 1.25	ISO3	96308.06GTI	5P	90	19	35	47	8	6.2	9	3	3
M8 × 1	ISO2	98308.0MTI	5P	90	19	-	46	6	4.9	8	3	4
M10 × 1.5	ISO2	9630010TI	5P	100	23	39	52.5	10	8	11	3	3
M10 × 1.5	ISO3	96300106GTI	5P	100	23	39	52.5	10	8	11	3	3

DIN

③-59

Think threads with
YAMAWA

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

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

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE
M10 × 1.25	ISO2	9830010NTI	5P	100	23	-	51	7	5.5	8	3	4
M10 × 1	ISO2	9830010MTI	5P	90	19	-	46	7	5.5	8	3	4
M12 × 1.75	ISO2	9730012TI	5P	110	26	-	56	9	7	10	3	4
M12 × 1.5	ISO2	9830012OTI	5P	100	21	-	51	9	7	10	3	4
M12 × 1.25	ISO2	9830012NTI	5P	100	21	-	51	9	7	10	3	4
M14 × 2	ISO2	9730014TI	5P	110	26	-	56	11	9	12	3	4
M14 × 1.5	ISO2	9830014OTI	5P	100	21	-	51	11	9	12	3	4
M16 × 2	ISO2	9730016TI	5P	110	26	-	56	12	9	12	3	4
M16 × 1.5	ISO2	9830016OTI	5P	100	21	-	51	12	9	12	3	4
M18 × 2.5	ISO2	9730018TI	5P	125	33	-	64	14	11	14	3	4
M18 × 1.5	ISO2	9830018OTI	5P	110	24	-	56	14	11	14	3	4
M20 × 2.5	ISO2	9730020TI	5P	140	33	-	71	16	12	15	3	4
M20 × 1.5	ISO2	9830020OTI	5P	125	24	-	64	16	12	15	3	4
M22 × 2.5	ISO2	9730022TI	5P	140	33	-	71	18	14.5	17	3	4
M24 × 3	ISO2	9730024TI	5P	160	37	-	82	18	14.5	17	3	4
For G Threads												
G 1/8-28	-	9930R02TI	5P	90	19	-	46	7	5.5	8	3	4
G 1/4-19	-	9930R04TI	5P	100	21	-	51	11	9	12	3	4
G 3/8-19	-	9930R06TI	5P	100	21	-	51	12	9	12	3	4
G 1/2-14	-	9930R08TI	5P	125	24	-	64	16	12	15	3	4

3

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Center Drills
Centering Tools

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Precision Machinery/
Medical Surgical Instruments

⑫

DIN

③-60