

1 Spiral Fluted Tap Series for blind hole

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

- 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
- 8 Pipe Taps
- 9 Thread Mills Premium Thread Mills
- 10 Simple Inspection Tools Related Products
- 11 Dies
- 12 Center Drills Centering Tools
- 13 Precision Machinery/ Medical Surgical Instruments



ZET-B



Spiral Fluted Taps for Titanium Alloys

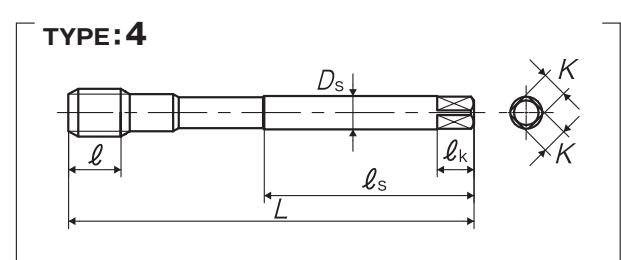
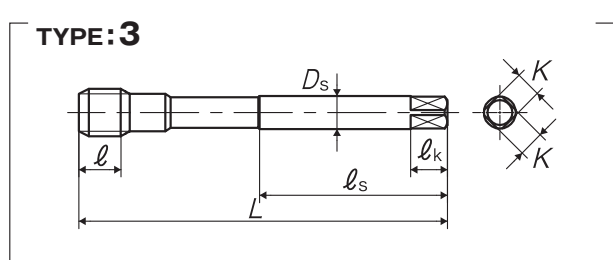
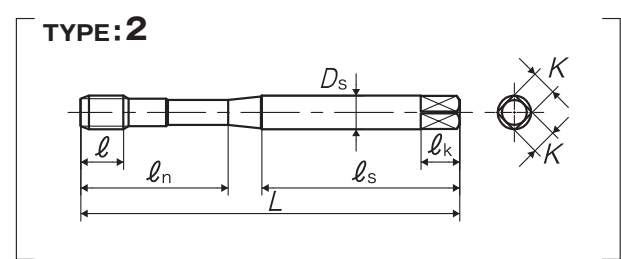
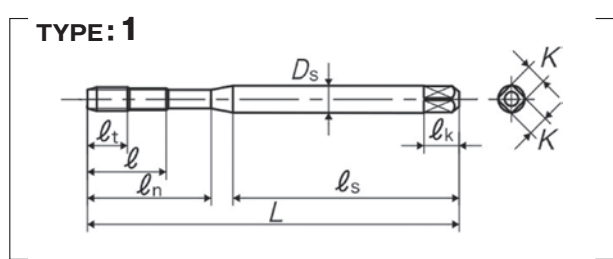
Specification



ZET-B is the spiral fluted tap for titanium alloys which, including titanium as the main composition, are tough, light and heat resistant.

Tapping Speeds depending on Materials

Titanium alloys
チタン合金
5~10
(m/min)



Segment : 1D

Size	Class	Code	Chamfer	L (mm)	lt (mm)	l (mm)	ln (mm)	ls (mm)	Ds (mm)	K (mm)	lk (mm)	No. of flutes	TYPE
For Metric Threads													
M3 × 0.5	ISO2X	SD3.0GBIPN	3P	56	5	9	18	34	3.5	2.7	6	3	1
M4 × 0.7	ISO2X	SD4.0IBIPN	3P	63	7	13	21	38	4.5	3.4	6	3	1
M5 × 0.8	ISO2X	SD5.0KBIPN	3P	70	9	14	25	39	6	4.9	8	3	1
M6 × 1	ISO2X	SD6.0MBIPN	3P	80	11	15	30	45	6	4.9	8	3	1
M8 × 1.25	ISO2X	SD8.0NBIPN	3P	90	-	12	35	47	8	6.2	9	3	2
M10 × 1.5	ISO2X	SD010OBIPN	3P	100	-	13	39	52.5	10	8	11	3	2
M10 × 1.25	ISO2X	SM010NBIPN	3P	100	-	13	-	51	7	5.5	8	3	3
M12 × 1.75	ISO2X	SG012PBIPN	3P	110	-	15	-	56	9	7	10	3	4
M12 × 1.5	ISO2X	SM012OBIPN	3P	100	-	15	-	51	9	7	10	3	3
M12 × 1.25	ISO2X	SM012NBIPN	3P	100	-	15	-	51	9	7	10	3	3
M14 × 2	ISO2X	SG014QBIPN	3P	110	-	18	-	56	11	9	12	3	4
M14 × 1.5	ISO2X	SM014OBIPN	3P	100	-	14	-	51	11	9	12	3	3
M16 × 2	ISO2X	SG016QBIPN	3P	110	-	18	-	56	12	9	12	4	4
M16 × 1.5	ISO2X	SM016OBIPN	3P	100	-	14	-	51	12	9	12	4	3
M18 × 2.5	ISO2X	SG018RBIPN	3P	125	-	20	-	64	14	11	14	4	4
M20 × 2.5	ISO2X	SG020RBIPN	3P	140	-	20	-	71	16	12	15	4	4
M22 × 2.5	ISO2X	SG022RBIPN	3P	140	-	20	-	71	18	14.5	17	4	4
M24 × 3	ISO2X	SG024SBIPN	3P	160	-	25	-	82	18	14.5	17	4	4



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

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

Size	Class	Code	Chamfer	L (mm)	ℓt (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE
For Unified Threads													
No.4-40UNC	2BX	SDUN4HYIPN	3P	56	11	5	18	34	3.5	2.7	6	3	1
No.6-32UNC	2BX	SDUN6JYIPN	3P	56	7	11	19	32	4	3	6	3	1
No.6-40UNF	2BX	SDUN6HYIPN	3P	56	7	11	19	32	4	3	6	3	1
No.8-32UNC	2BX	SDUN8JYIPN	3P	63	7	13	21	38	4.5	3.4	6	3	1
No.10-24UNC	2BX	SDUNAMYIPN	3P	70	9	14	24	39	6	4.9	8	3	1
No.10-32UNF	2BX	SDUNAJYIPN	3P	70	9	14	24	39	6	4.9	8	3	1
1/4-20UNC	2BX	SDU04NYIPN	3P	80	11	15	30	42	7	5.5	8	3	1
1/4-28UNF	2BX	SDU04KYIPN	3P	80	11	15	30	42	7	5.5	8	3	1
5/16-18UNC	2BX	SDU05OYIPN	3P	90	-	12	35	47	8	6.2	9	3	2
5/16-24UNF	2BX	SMU05MYIPN	3P	90	-	12	-	46	6	4.9	8	3	3
3/8-16UNC	2BX	SDU06PYIPN	3P	100	-	13	39	54.5	9	7	10	3	2
3/8-24UNF	2BX	SMU06MYIPN	3P	100	-	13	-	51	7	5.5	8	3	3
1/2-13UNC	2BX	SGU08RYIPN	3P	110	-	15	-	56	9	7	10	3	4
1/2-20UNF	2BX	SMU08NYIPN	3P	100	-	15	-	51	9	7	10	3	3
5/8-11UNC	2BX	SGU10UYIPN	3P	110	-	18	-	56	12	9	12	4	4
3/4-10UNC	2BX	SGU12VYIPN	3P	125	-	20	-	64	14	11	14	4	4

- 1
- DIN
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- Roll Taps 6
- Special Thread Taps 7
- Pipe Taps 8
- Thread Mills Premium Thread Mills 9
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