

Concerning specification, please refer to spec dwg. P81 of technical information.
For improvement, Spec may change without advance notice.

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

ZET-P Spiral Fluted Taps for Titanium Alloys, Through Hole Use(with LH spiral flutes)

Size	Stock	Code	Chamfer	Class	L (mm)	l (mm)	l_n (mm)	D_s (mm)	K (mm)	l_k (mm)	Flute	Type
M10x1.25	△*	ZETPS010N	5P	P4	75	24	-	7	5.5	8	3	e
M12x1.75	○	ZETPMT012P	5P	P5	82	26	-	8.5	6.5	9	3	e
	○*	ZETPT012P				29						
M12x1.5	△	ZETPMS012O	5P	P4	82	26	-	8.5	6.5	9	3	e
	△*	ZETPS012O				29						
M12x1.25	△	ZETPMT012N	5P	P5	82	26	-	8.5	6.5	9	3	e
	△*	ZETPT012N				29						
M14x2	△	ZETPMT014Q	5P	P5	88	26	-	10.5	8	11	3	e
	△*	ZETPT014Q				30						
M14x1.5	△	ZETPMS014O	5P	P4	88	26	-	10.5	8	11	3	e
	△*	ZETPS014O				30						
M16x2	△	ZETPMT016Q	5P	P5	95	26	-	12.5	10	13	3	e
	△*	ZETPT016Q				32						
M16x1.5	△	ZETPMS016O	5P	P4	95	26	-	12.5	10	13	3	e
	△*	ZETPS016O				32						
M18x2.5	△	ZETPMT018R	5P	P5	100	33	-	14	11	14	4	e
	△*	ZETPT018R				37						
M18x1.5	△	ZETPMT018O	5P	P5	100	33	-	14	11	14	4	e
	△*	ZETPT018O				37						
M20x2.5	△	ZETPMT020R	5P	P5	105	33	-	15	12	15	4	e
	△*	ZETPT020R				37						
M20x1.5	△	ZETPMT020O	5P	P5	105	33	-	15	12	15	4	e
	△*	ZETPT020O				37						

The products having *mark in the stock column will be available as long as they last.

F-SL

Spiral Fluted Taps for High Speed Tapping, Through Hole Use(with LH spiral flutes)

HSS

TiN

L15°

Synchro

nizeo

Segment : 1S

* In the tap with external center, external center portion is not included in overall length.

Applicable for such high speed tapping as 20m/min to 30m/min. Under low or middle tapping speed, such as lower than 15m/min, chip shape and chip ejection may become poor and cause tapping troubles.

Size	Stock	Code	Chamfer	Class	L (mm)	l (mm)	l_n (mm)	D_s (mm)	K (mm)	l_k (mm)	Flute	Type
For Metric Threads												
M3x0.5	○	VFSHMQ3.0GL	5P	P2	46	9	14	4	3.2	6	3	c
	○*	VFSHQ3.0GL				11	18					
M4x0.7	○	VFSHMQ4.0IL	5P	P2	52	11	17	5	4	7	3	c
	○*	VFSHQ4.0IL				13	20					
M5x0.8	○	VFSHMQ5.0KL	5P	P2	60	13	22	5.5	4.5	7	3	c
	○*	VFSHQ5.0KL				16	25					

The products having *mark in the stock column will be available as long as they last.

Spiral Fluted Taps (for blind hole) / Spiral Fluted Taps (for through hole) / Taps / Spiral Pointed Taps / Hand Taps / Cemented Carbide Taps / Roll Taps / Special Thread Taps (Simple measuring tools) / Pipe Taps / MC Helical Thread Mills / Dies / Center Drills / Centering Tools