

Left Hand Spiral Pointed Taps for Titanium Alloys

For Unified Threads

ZELX TI

For Titanium, Titanium Alloys, Magnesium and Beryllium Copper



ZELX TI have a Nitride Surface Toughening Treatment

PM High Speed Steel

ZELX TI Slow Spiral Flute Taps have a left hand spiral flute design specifically designed to tap R.H. Threads in Titanium and Titanium Alloys. The Left Hand Slow Spiral makes this series of taps ideal for through hole tapping of right hand threads. The ZELX TI Taps are made from a PM High Speed Steel material to provide increase productivity as well as increased tap life while tapping Titanium.

Plug Style
(4.5 to 6 threads chamfered)

List 3613 3623 Machine Screw Sizes Fractional Sizes

Nominal Size	TPI		No. of Flutes	Pitch Diameter Limit/ EDP Numbers						Dimensions		
	NC UNC	NF UNF		H2	H3	H4	H5	H6	H7	Length of Thread	Neck Length	Length Overall
2	56	—	3	385623	—	—	—	—	—	.256	.181	1- 3/4
4	40	—	3	385601	—	—	—	—	—	.335	.227	1- 7/8
5	40	—	3	385603	—	—	—	—	—	.374	.251	1- 5/16
6	32	—	3	—	385605	—	385635	—	—	.413	.274	2
8	32	—	3	—	385607	385629	385637	385660	385667	.453	.297	2- 1/8
10	24	—	3	—	385609	—	385639	—	—	.531	.344	2- 3/8
10	—	32	3	—	385610	385630	385640	385661	385670	.531	.344	2- 3/8
1/4	20	—	3	—	385613	—	385643	—	—	.591	.409	2- 1/2
1/4	—	28	3	—	385614	385631	385644	385662	385674	.591	.409	2- 1/2
5/16	18	—	3	—	385615	—	385645	—	—	.669	.456	2- 23/32
5/16	—	24	3	—	385616	385632	385646	385663	385676	.669	.456	2- 23/32
3/8	16	—	3	—	385617	—	385647	—	—	.748	.502	2- 15/16
3/8	—	24	3	—	385618	385633	385648	385664	385678	.748	.502	2- 15/16
7/16	14	—	3	—	385619	—	385649	—	—	.866	.984	—
7/16	—	20	3	—	385620	—	385650	—	—	.866	.984	—
1/2	13	—	3	—	385621	—	385651	—	—	.984	1.063	—
1/2	—	20	3	—	385622	—	385652	—	—	.984	1.063	—