



Spiral Fluted 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 right hand spiral flute design specifically designed to tap R.H. Threads in Titanium and Titanium Alloys. The ZELX TI Taps are made from a PM High Speed material to provide increased productivity as well as increased tap life while tapping Titanium.

Modified Bottoming Style
(3 to 4 threads chamfered)

List 3616 3626 Machine Screw Sizes Fractional Sizes

TPI Nominal Size	NC UNC	NF UNF	No. of Flutes	Pitch Diameter Limit/ EDP Numbers						Dimensions		
				H2	H3	H4	H5	H6	H7	Length of Thread	Neck Length	Length Overall
2	56	—	2	387623	—	—	—	—	—	.157	.280	1- 3/4
4	40	—	2	387601	—	387612	—	—	—	.236	.326	1- 7/8
6	32	—	3	—	387605	387608	387635	—	—	.276	.411	2
8	32	—	3	—	387607	387629	387637	387660	387667	.276	.474	2- 1/8
10	24	—	3	—	387609	—	—	—	—	.354	.521	2- 3/8
10	—	32	3	—	387610	387630	387640	387661	387670	.276	.599	2- 3/8
1/4	20	—	3	—	387613	—	—	—	—	.433	.567	2- 1/2
1/4	—	28	3	—	387614	387631	387644	387662	387674	.354	.646	2- 1/2
5/16	18	—	3	—	387615	—	—	—	—	.472	.653	2- 23/32
5/16	—	24	3	—	387616	387632	387646	387663	387676	.394	.731	2- 23/32
3/8	16	—	3	—	387617	—	—	—	—	.551	.699	2- 15/16
3/8	—	24	3	—	387618	387633	387648	387664	387678	.394	.856	2- 15/16
7/16	14	—	3	—	387619	—	—	—	—	.591	—	3 -5/32
7/16	—	20	3	—	387620	—	387650	—	—	.472	—	3- 5/32
1/2	13	—	3	—	387621	—	387626	—	—	.630	—	3- 3/8
1/2	—	20	3	—	387622	—	387652	—	—	.472	—	3- 3/8