

Spiral Pointed Taps for Non-Ferrous Materials

For Unified Threads

ZELX AL



For Silicon Die Cast, Zinc Die Cast
Aluminum and Wrought Aluminum Alloys

*ZELX AL have a Nitride Surface Toughening Treatment

Custom Blend High Vanadium HSS

Plug Style (4 to 5 threads chamfered)
DIN lengths with ANSI shank dimensions.

List 3814 Machine Screw Sizes
3824 Fractional Sizes

Nominal Size	TPI		No. of Flutes	Pitch Diameter Limit/ EDP Numbers				Dimensions		
	NC UNC	NF UNF		H2	H3	H4	H5	Length of Thread	Neck Length	Length Overall
2	56	—	2	386200	—	—	—	.276	.196	1.772
4	40	—	2	386201	—	—	—	.433	.276	2.205
5	40	—	3	386202	—	—	—	.433	.276	2.205
6	32	—	3	—	386203	—	—	.512	.275	2.205
8	32	—	3	—	386204	—	—	.512	.315	2.480
10	24	—	3	—	386205	—	—	.630	.354	2.756
10	—	32	3	—	386206	—	—	.630	.354	2.756
1/4	20	—	3	—	386207	—	386208	.748	.433	3.150
1/4	—	28	3	—	386209	386211	—	.748	.433	3.150
5/16	18	—	3	—	386212	—	386213	.866	.512	3.543
5/16	—	24	3	—	386214	386215	—	.866	.512	3.543
3/8	16	—	3	—	386216	—	386217	.945	.590	3.937
3/8	—	24	3	—	386218	386219	—	.787	.748	3.543
7/16	14	—	3	—	386220	—	386221	.945	—	3.937
7/16	—	20	3	—	386222	—	386223	.945	—	3.937
1/2	13	—	3	—	386224	—	386225	1.142	—	4.331
1/2	—	20	3	—	386226	—	386227	.866	—	3.937

ZELX AL taps are suitable for UNJ Aerospace internal threading applications.

Spiral Pointed Taps for Non-Ferrous Materials

For Metric Threads

ZELX AL

Plug Style (4 to 5 threads chamfered)
DIN lengths with ANSI shank dimensions.

List 3884 Metric Sizes

Nominal Size	No. of Flutes	Pitch Diameter Limit/ EDP Numbers				Dimensions		
		D3	D4	D5	D6	Length of Thread	Neck Length	Length Overall
M3 X 0.5	3	386228	—	—	—	.433	.276	2.205
M3.5 X 0.6	3	—	386229	—	—	.512	.275	2.205
M4 X 0.7	3	—	386230	—	—	.512	.315	2.480
M5 X 0.8	3	—	386231	—	—	.630	.354	2.756
M6 X 1	3	—	—	386232	—	.748	.433	3.150
M7 X 1	3	—	—	386233	—	.748	.433	3.150
M8 X 1	3	—	—	386234	—	.866	.512	3.543
M8 X 1.25	3	—	—	386235	—	.866	.512	3.543
M10 X 1.25	3	—	—	386236	—	.945	.590	3.937
M10 X 1.5	3	—	—	—	386237	.945	.590	3.937
M12 X 1.25	3	—	—	386238	—	.866	—	3.937
M12 X 1.5	3	—	—	386239	—	.866	—	3.937
M12 X 1.75	3	—	—	—	386240	1.142	—	4.331

ZELX AL taps are suitable for UNJ Aerospace internal threading applications.