

Spiral Pointed Taps for Nickel Base Alloys

For Unified Threads

ZELX NI Taps have been designed for extended tap life in Cobalt, Nickel, and Iron Base exotics materials such as: Inconel, Hatelloy, Waspalloy and harder stainless Steels, Mold and Tool Steels >30HRC.

ZELX NI



ZELX NI have a TIN Surface Treatment
PM High Speed Steel

ZELX NI Taps are suitable for UNJ Aerospace internal threading applications.

Plug Style
(3 to 5 threads chamfered)

List 3612 3622 Machine Screw Sizes
Fractional Sizes

Nominal Size	TPI		No. of Flutes	Pitch Diameter Limit/ EDP Numbers				Dimensions		
	NC UNC	NF UNF		H4 TIN	H5 TIN	H6 TIN	H7 TIN	Length of Thread	Neck Length	Length Overall
6	32	—	3	—	385535TIN	—	—	.413	.274	2
8	32	—	3	385529TIN	385537TIN	385560TIN	385567TIN	.453	.297	2- 1/8
10	—	32	3	385530TIN	385540TIN	385561TIN	385570TIN	.531	.344	2- 3/8
1/4	—	28	3	385531TIN	385544TIN	385562TIN	385574TIN	.591	.409	2- 1/2
5/16	—	24	3	385532TIN	385546TIN	385563TIN	385576TIN	.669	.456	2- 23/32
3/8	—	24	3	—	385548TIN	385564TIN	385578TIN	.748	.502	2- 15/16
7/16	—	20	3	—	385550TIN	—	—	.866	—	3- 5/32
1/2	—	20	3	—	385552TIN	—	385582TIN	.984	—	3- 3/8

Spiral Pointed Taps for Nickel Base Alloys

For Metric Threads

ZELX NI

ZELX NI Taps are suitable for UNJ Aerospace internal threading applications.



ZELX NI have an Oxide and Nitride Surface Toughening Treatment
PM High Speed Steel

Plug Style
(3 to 5 threads chamfered)

List 3672 Metric Sizes

Nominal Size	No. of Flutes	Pitch Diameter Limit/ EDP Numbers				Dimensions		
		D3	D4	D5	D6	Length of Thread	Neck Length	Length Overall
M2.5 X 0.45	2	387320	—	—	—	.295	.205	1- 13/16
M3 X 0.5	3	387321	—	—	—	.374	.251	1- 15/16
M3.5 X 0.6	3	—	387322	—	—	.413	.274	2
M4 X 0.7	3	—	387323	—	—	.453	.297	2- 1/8
M5 X 0.8	3	—	387324	—	—	.531	.344	2- 3/8
M6 X 1	3	—	—	387325	—	.591	.409	2- 1/2
M7 X 1	3	—	—	387326	—	.669	.456	2- 23/32
M8 X 1	3	—	—	387327	—	.669	.456	2- 23/32
M8 X 1.25	3	—	—	387328	—	.669	.456	2- 23/32
M10 X 1.25	3	—	—	387329	—	.748	.502	2- 15/16
M10 X 1.5	3	—	—	—	387330	.748	.502	2- 15/16
M12 X 1.25	3	—	—	387331	—	.984	—	3- 3/8
M12 X 1.75	3	—	—	—	387332	.984	—	3- 3/8