HSS OX TiN 5

Spiral Pointed Taps for Stainless Steels

For Unified threads

ZELX SS

ZELX SS Spiral Pointed Taps are designed for difficult jobs including the stainless steel family of materials as well as alloy steels, high carbon steel and ductile irons. Our unique design ZELX SS taps increase productivity through longer tool life. The unique spiral point chamfer makes them ideally suited for the through hole of difficult to machine materials.

For Stainless Steels, Alloy Steels and Ductile Irons.

ZELX SS taps are suitable for UNJ Aerospace internal threading applications

List 3218 Machine Screw sizes with oxide surface treatment
3228 Fractional sizes with oxide surface treatment
3218T Machine Screw sizes with TiN (Titanium Nitride)
3228T Fractional sizes with TiN (Titanium Nitride)

Custom Blended Vanadium High Speed Steel
Plug Style
(3 to 5 threads chamfered)

Nominal Size	TPI NC UNC	TPI NF UNF	No. of Flutes	Pitch Diameter Limit / EDP Numbers H2	H2 TiN	H3	H3 TiN	H4	H4 TiN	H5	H6	H7	Dimensions Length of Thread	Length of Neck	Length Overall
2	56	—	2	382623	—	382624	—	—	—	—	—	—	.256	.181	1-3/4
3	48	—	2	382600	—	—	—	—	—	—	—	—	.295	.205	1-13/16
4	40	—	2	382601	382901	382602	—	382612	—	382634	—	—	.335	.227	1-7/8
4	—	48	2	382683	—	—	—	—	—	—	—	—	.335	.227	1-7/8
5	40	—	3	382603	382903	—	—	—	—	—	—	—	.374	.251	1-15/16
6	32	—	3	382604	—	382605	382905	382608	—	382635	382659	382665	.413	.274	2
6	—	40	3	382684	—	—	—	—	—	—	—	—	.413	.274	2
8	32	—	3	382606	—	382607	382907	382629	—	382637	382660	382667	.453	.297	2-1/8
8	—	36	3	382686	—	—	—	—	—	—	—	—	.453	.297	2-1/8
10	24	—	3	—	—	382609	382909	—	—	382639	382690	382669	.531	.344	2-3/8
10	—	32	3	382611	—	382610	382910	382630	—	382640	382661	382670	.531	.344	2-3/8
12	24	—	3	—	—	382688	—	—	—	—	—	—	.571	.366	2-3/8
12	—	28	3	—	—	382689	—	—	—	—	—	—	.571	.366	2-3/8
1/4	20	—	3	—	—	382613	382913	—	—	382643	382590	382673	.591	.409	2-1/2
1/4	—	28	3	—	—	382614	382914	382631	—	382644	382662	382674	.591	.409	2-1/2
5/16	18	—	3	—	—	382615	382915	—	—	382645	—	382675	.669	.456	2-23/32
5/16	—	24	3	—	—	382616	382916	382632	—	382646	382663	382676	.669	.456	2-23/32
3/8	16	—	3	—	—	382617	382917	—	—	382647	—	382668	.748	.502	2-15/16
3/8	—	24	3	—	—	382618	382918	382633	—	382648	382664	382678	.748	.502	2-15/16
7/16	14	—	3	—	—	382619	382919	—	—	382649	—	—	.866	—	3-5/32
7/16	—	20	3	—	—	382620	382920	—	—	382650	382691	382680	.866	—	3-5/32
1/2	13	—	3	—	—	382621	382921	—	—	382651	—	382681	.984	—	3-3/8
1/2	—	20	3	—	—	382622	382922	—	—	382652	382692	382682	.984	—	3-3/8
9/16	12	—	3	—	—	382653	382953	—	—	—	—	—	.984	—	3-19/32
9/16	—	18	3	—	—	382654	382954	—	—	—	—	—	.984	—	3-19/32
5/8	11	—	3	—	—	382625	382925	—	—	382655	—	—	1.083	—	3-13/16
5/8	—	18	3	—	—	382626	382926	382636	—	382656	382694	382591	1.083	—	3-13/16
3/4	10	—	3	—	—	382627	382927	—	—	382657	—	—	1.201	—	4-1/4
3/4	—	16	3	—	—	382628	382928	—	—	382658	—	382592	1.201	—	4-1/4

Necked design enhances flow of cutting fluid to cutting teeth and reduces surface contact between the tool and work-piece for more efficient threading

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