



Z-PRO

YMW U.S.A.

The Z-PRO Series is designed for carbon steels, alloyed steels, irons, brass and free machining materials, including stainless steel that requires the most economical tool life. They are ideal for materials that produce stringy chips, such as steels, stainless steels and plastics.

Spiral Fluted Bottoming taps are recommended for tapping blind holes where the chips are pulled out of the hole towards the tap shank instead of pushing them to the bottom of the hole.

Economical High Performance Taps
For Unified Threads

SP-OX



*Z-PRO SP-OX have an Oxide Surface Finish
Custom Blend High Vanadium HSS

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Bottoming Style (2.5 threads chamfered)
DIN lengths with ANSI shank dimensions.

Z-PRO Series SP-OX

Machine Screw Sizes
Fractional Sizes

TPI Nominal NC Size	NF UNC	UNF	No. of Flutes	Pitch Diameter Limit/ EDP Numbers				Dimensions		
				H2	H3	H4	H5	Length of Thread	Neck Length	Length Overall
2	56	—	2	SSUN2E2NEX	—	—	—	.314	—	1.772
4	40	—	2	SSUN4H2NEX	—	—	—	.354	.709	2.205
5	40	—	2	SSUN5H2NEX	—	—	—	.433	.768	2.205
6	32	—	3	SSUN6J2NEX	—	—	—	.433	.768	2.205
6	—	40	3	SSUN6H2NEX	—	—	—	.433	.768	2.205
8	32	—	3	SSUN8J2NEX	SSUN8J3NEX	—	—	.512	.827	2.480
10	24	—	3	—	SSUNAM3NEX	—	—	.551	.984	2.756
10	—	32	3	—	SSUNAJ3NEX	—	—	.551	.984	2.756
12	24	—	3	—	SSUNCM3NEX	—	—	.591	.984	3.150
1/4	20	—	3	—	SSU04N3NEX	—	—	.591	1.181	3.150
1/4	—	28	3	—	SSU04K3NEX	—	—	.591	1.181	3.150
5/16	18	—	3	—	SSU05O3NEX	—	—	.748	1.378	3.543
5/16	—	24	3	—	SSU05M3NEX	SSU05M4NEX	—	.748	1.378	3.543
3/8	16	—	3	—	—	SSU06P4NEX	—	.906	1.535	3.937
3/8	—	24	3	—	SSU06M3NEX	—	—	.906	1.535	3.937
7/16	14	—	3	—	—	SSU07Q4NEX	—	.906	—	3.937
7/16	—	20	3	—	SSU07N3NEX	—	—	.906	—	3.937
1/2	13	—	3	—	—	SSU08R4NEX	—	1.024	—	4.331
1/2	—	20	3	—	SSU08N3NEX	—	—	1.024	—	4.331
9/16	12	—	3	—	SSU09S3NEX	—	—	1.024	—	4.331
9/16	—	18	3	—	SSU09O3NEX	—	—	1.024	—	4.331
5/8	11	—	3	—	—	SSU10U4NEX	—	1.024	—	4.331
5/8	—	18	3	—	SSU10O3NEX	—	—	1.024	—	4.331
3/4	10	—	4	—	—	—	SSU12V5NEX	1.299	—	4.921
3/4	—	16	4	—	—	SSU12P4NEX	—	1.299	—	4.921
7/8	9	—	4	—	—	SSU14W4NEX	—	1.299	—	5.512
7/8	—	14	4	—	SSU14Q3NEX	—	—	1.299	—	5.512
1	8	—	4	—	—	SSU16X4NEX	—	1.457	—	6.299
1	—	12	4	—	SSU16S3NEX	—	—	1.457	—	6.299
1 1/8	7	—	4	—	—	SSU18Y4NEX	—	1.732	—	7.087
1 1/8	—	12	4	—	—	SSU18S4NEX	—	1.732	—	7.087
1 1/4	7	—	4	—	—	SSU20Y4NEX	—	1.929	—	7.087
1 1/4	—	12	4	—	—	SSU20S4NEX	—	1.929	—	7.087
1 3/8	6	—	4	—	—	—	SSU20Z5NEX	2.165	—	7.874
1 3/8	—	12	4	—	—	SSU22S4NEX	—	2.165	—	7.874
1 1/2	6	—	4	—	—	—	SSU24Z5NEX	2.323	—	7.874
1 1/2	—	12	4	—	—	SSU24S4NEX	—	2.323	—	7.874