

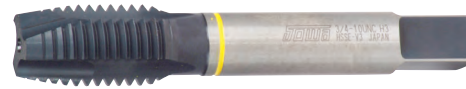
Yellow Ring HSSE-V3 Spiral Point Taps — Black Oxide Finish



HSSE-V3% Vanadium

- Superior performance in hardened tool steels such as 4140, 4340, H13, D2
- Up to 35HRC

Designed for high-speed tapping applications. Developed to withstand the high stress and high heat associated with high-speed CNC production tapping. Features a unique free-cutting design with a special tempering and geometry which contributes to extra tool life.



• 4.5 Pitch lead (Intermediate)

Inch

Tap	No. Flutes	Overall Length (in.)	Thread Length (in.)	Black Oxide Code No.	H2 Limit Price \$	Black Oxide Code No.	H3 Limit Price \$	Black Oxide Code No.	H4 Limit Price \$
2-56	2	1-3/4	0.433	122550	26.69	-	-	-	-
3-48	2	1-13/16	0.512	122552	21.34	-	-	-	-
4-40	2	1-7/8	0.433	123296	17.60	-	-	-	-
4-40	2	1-7/8	0.433	-	-	122554	17.60	-	-
6-32	3	2	0.512	-	-	123300	14.64	-	-
6-40	3	2	0.512	-	-	123334	14.64	-	-
8-32	3	2-1/8	0.512	-	-	123302	14.64	-	-
10-24	3	2-3/8	0.512	-	-	123304	14.64	-	-
10-32	3	2-3/8	0.512	-	-	123338	14.64	-	-
12-24	3	2-3/8	0.512	-	-	123306	14.64	-	-
1/4-20	3	2-1/2	0.630	-	-	123308	16.19	-	-
1/4-28	3	2-1/2	0.630	-	-	123342	16.19	-	-
5/16-18	3	2-23/32	0.748	-	-	123310	18.20	-	-
5/16-24	3	2-23/32	0.748	-	-	123344	18.20	-	-
3/8-16	3	2-15/16	0.748	-	-	123312	20.55	-	-
3/8-24	3	2-15/16	0.748	-	-	123346	20.55	-	-
7/16-14	3	3-5/32	0.866	-	-	123314	26.69	-	-
7/16-20	3	3-5/32	0.866	-	-	123348	26.69	-	-
1/2-13	3	3-3/8	0.945	-	-	123316	30.83	-	-
1/2-20	3	3-3/8	0.945	-	-	123350	30.83	-	-
5/8-11	3	3-13/16	1.102	-	-	123318	55.96	-	-
5/8-18	3	3-13/16	1.102	-	-	123352	55.96	-	-
3/4-10	3	4-1/4	1.220	-	-	123320	87.80	-	-
3/4-16	3	4-1/4	1.220	-	-	123353	87.80	-	-
7/8-9	3	4-11/16	1.339	-	-	-	-	123321	125.63
7/8-14	3	4-11/16	1.339	-	-	-	-	123359	137.16
1-8	4	5-1/8	1.496	-	-	-	-	123323	167.31
1-12	4	5-1/8	1.496	-	-	-	-	123361	182.70
1-14	4	5-1/8	1.496	-	-	-	-	123360	187.84
1-1/8-7	4	5-7/16	1.732	-	-	-	-	123364	281.65
1-1/8-12	4	5-7/16	1.732	-	-	-	-	123365	299.67
1-1/4-7	4	5-3/4	1.732	-	-	-	-	123367	369.50
1-1/4-12	4	5-3/4	1.732	-	-	-	-	123369	374.58
1-3/8-6	4	6-1/16	2.000	-	-	-	-	123371	465.51
1-3/8-12	4	6-1/16	2.000	-	-	-	-	123373	469.05
1-1/2-6	4	6-3/8	2.000	-	-	-	-	123363	535.34
1-1/2-12	4	6-3/8	2.000	-	-	-	-	123375	546.99

Metric

Tap	No. Flutes	Thread Limits	Overall Length (in.)	Thread Length (in.)	Black Oxide Code No.	Price \$
M2 x 0.4	2	D3	1-3/4	0.433	123502	23.15
M2.5 x 0.45	2	D3	1-13/16	0.512	123504	22.72
M3 x 0.5	3	D3	1-15/16	0.433	123505	22.79
M3.5 x 0.6	3	D4	2	0.512	123506	20.28
M4 x 0.7	3	D4	2-1/8	0.512	123507	20.28
M4.5 x 0.75	3	D4	2-3/8	0.512	123508	23.20
M5 x 0.8	3	D4	2-3/8	0.512	123509	20.28
M6 x 1	3	D5	2-1/2	0.630	123510	20.28
M7 x 1	3	D5	2-23/32	0.630	123511	22.79
M8 x 1	3	D5	2-23/32	0.748	123512	22.79
M8 x 1.25	3	D5	2-23/32	0.748	123513	22.79
M10 x 1.25	3	D5	2-15/16	0.748	123516	31.67
M10 x 1.5	3	D6	2-15/16	0.748	123515	31.67
M12 x 1.25	3	D5	3-3/8	0.945	123518	38.00
M12 x 1.75	3	D6	3-3/8	0.945	123517	38.00
M14 x 1.5	3	D7	3-19/32	0.984	123519	56.59

Tap	No. Flutes	Thread Limits	Overall Length (in.)	Thread Length (in.)	Black Oxide Code No.	Price \$
M14 x 2	3	D6	3-19/32	0.984	123520	56.59
M16 x 1.5	3	D6	3-13/16	1.102	123522	68.64
M16 x 2	3	D7	3-13/16	1.102	123521	68.64
M18 x 1.5	4	D6	4-1/32	1.102	123523	96.27
M18 x 2.5	4	D7	4-1/32	1.102	123524	96.27
M20 x 1.5	4	D5	4-15/32	1.220	123525	138.17
M20 x 2.5	4	D6	4-15/32	1.220	123526	154.23
M22 x 1.5	4	D6	4-11/16	1.339	123527	147.24
M22 x 2.5	4	D6	4-11/16	1.339	123528	145.86
M24 x 1.5	4	D5	4-29/32	1.339	123529	204.42
M24 x 3	4	D7	4-29/32	1.339	123530	194.67
M27 x 1.5	4	D7	5-1/8	1.181	123531	335.30
M27 x 3	4	D7	5-1/8	1.181	123532	315.13
M30 x 1.5	4	D7	5-7/16	1.378	123533	419.95
M30 x 3.5	4	D7	5-7/16	1.378	123534	413.41