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.



HSSE-V3 | BLACK OXIDE | HOLE TYPE

Inch

• 4.5 Pitch lead (Intermediate)

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	**19.62**	-	-	-	-
3-48	2	1-13/16	0.512	122552	**15.68**	-	-	-	-
4-40	2	1-7/8	0.433	123296	**12.93**	-	-	-	-
4-40	2	1-7/8	0.433	-	-	122554	**12.93**	-	-
6-32	3	2	0.512	-	-	123300	**10.75**	-	-
6-40	3	2	0.512	-	-	123334	**10.75**	-	-
8-32	3	2-1/8	0.512	-	-	123302	**10.75**	-	-
10-24	3	2-3/8	0.512	-	-	123304	**10.75**	-	-
10-32	3	2-3/8	0.512	-	-	123338	**10.75**	-	-
12-24	3	2-3/8	0.512	-	-	123306	**10.75**	-	-
1/4-20	3	2-1/2	0.630	-	-	123308	**11.89**	-	-
1/4-28	3	2-1/2	0.630	-	-	123342	**11.89**	-	-
5/16-18	3	2-23/32	0.748	-	-	123310	**13.37**	-	-
5/16-24	3	2-23/32	0.748	-	-	123344	**13.37**	-	-
3/8-16	3	2-15/16	0.748	-	-	123312	**15.10**	-	-
3/8-24	3	2-15/16	0.748	-	-	123346	**15.10**	-	-
7/16-14	3	3-5/32	0.866	-	-	123314	**19.62**	-	-
7/16-20	3	3-5/32	0.866	-	-	123348	**19.62**	-	-
1/2-13	3	3-3/8	0.945	-	-	123316	**22.65**	-	-
1/2-20	3	3-3/8	0.945	-	-	123350	**22.65**	-	-
5/8-11	3	3-13/16	1.102	-	-	123318	**41.12**	-	-
5/8-18	3	3-13/16	1.102	-	-	123352	**41.12**	-	-
3/4-10	3	4-1/4	1.220	-	-	123320	**64.52**	-	-
3/4-16	3	4-1/4	1.220	-	-	123353	**64.52**	-	-
7/8-9	3	4-11/16	1.339	-	-	-	-	123321	**92.31**
7/8-14	3	4-11/16	1.339	-	-	-	-	123359	**100.78**
1-8	4	5-1/8	1.496	-	-	-	-	123323	**122.94**
1-12	4	5-1/8	1.496	-	-	-	-	123361	**134.25**
1-14	4	5-1/8	1.496	-	-	-	-	123360	**138.03**
1-1/8-7	4	5-7/16	1.732	-	-	-	-	123364	**206.96**
1-1/8-12	4	5-7/16	1.732	-	-	-	-	123365	**220.20**
1-1/4-7	4	5-3/4	1.732	-	-	-	-	123367	**271.51**
1-1/4-12	4	5-3/4	1.732	-	-	-	-	123369	**275.24**
1-3/8-6	4	6-1/16	2.000	-	-	-	-	123371	**342.06**
1-3/8-12	4	6-1/16	2.000	-	-	-	-	123373	**344.66**
1-1/2-6	4	6-3/8	2.000	-	-	-	-	123363	**393.36**
1-1/2-12	4	6-3/8	2.000	-	-	-	-	123375	**401.92**

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	**17.00**
M2.5 x 0.45	2	D3	1-13/16	0.512	123504	**16.70**
M3 x 0.5	3	D3	1-15/16	0.433	123505	**16.74**
M3.5 x 0.6	3	D4	2	0.512	123506	**14.90**
M4 x 0.7	3	D4	2-1/8	0.512	123507	**14.90**
M4.5 x 0.75	3	D4	2-3/8	0.512	123508	**17.05**
M5 x 0.8	3	D4	2-3/8	0.512	123509	**14.90**
M6 x 1	3	D5	2-1/2	0.630	123510	**14.90**
M7 x 1	3	D5	2-23/32	0.630	123511	**16.74**
M8 x 1	3	D5	2-23/32	0.748	123512	**16.74**
M8 x 1.25	3	D5	2-23/32	0.748	123513	**16.74**
M10 x 1.25	3	D5	2-15/16	0.748	123516	**23.28**
M10 x 1.5	3	D6	2-15/16	0.748	123515	**23.28**
M12 x 1.25	3	D5	3-3/8	0.945	123518	**27.93**
M12 x 1.75	3	D6	3-3/8	0.945	123517	**27.93**
M14 x 1.5	3	D7	3-19/32	0.984	123519	**41.59**

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	**41.59**
M16 x 1.5	3	D6	3-13/16	1.102	123522	**50.44**
M16 x 2	3	D7	3-13/16	1.102	123521	**50.44**
M18 x 1.5	4	D6	4-1/32	1.102	123523	**70.74**
M18 x 2.5	4	D7	4-1/32	1.102	123524	**70.74**
M20 x 1.5	4	D5	4-15/32	1.220	123525	**101.53**
M20 x 2.5	4	D6	4-15/32	1.220	123526	**113.33**
M22 x 1.5	4	D6	4-11/16	1.339	123527	**108.19**
M22 x 2.5	4	D6	4-11/16	1.339	123528	**107.17**
M24 x 1.5	4	D5	4-29/32	1.339	123529	**150.20**
M24 x 3	4	D7	4-29/32	1.339	123530	**143.04**
M27 x 1.5	4	D7	5-1/8	1.181	123531	**246.38**
M27 x 3	4	D7	5-1/8	1.181	123532	**231.55**
M30 x 1.5	4	D7	5-7/16	1.378	123533	**308.58**
M30 x 3.5	4	D7	5-7/16	1.378	123534	**303.77**