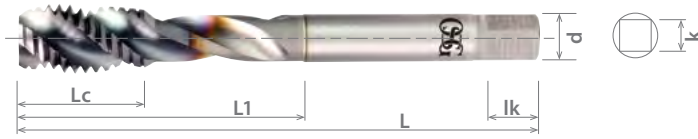




List 16505

A BRAND A-SFT, DIN Overall Length

A **SPIRAL FLUTE** **VC10** **V** **C/1.5P** **C/2.5P** **45°** **PACKED 1 PIECE**



EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Dia.	Square Width	Square Length	Number of Flutes
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	
1650508908	● No. 4 - 40 UNC	H2	Bottom (1.5P)	2.205	0.196	0.740	0.141	0.110	0.188	2
1650500108	● No. 4 - 40 UNC	H2	Modified Bottom (2.5P)	2.205	0.196	0.740	0.141	0.110	0.188	2
1650509008	● No. 4 - 48 UNF	H2	Bottom (1.5P)	2.205	0.196	0.740	0.141	0.110	0.188	2
1650500208	● No. 4 - 48 UNF	H2	Modified Bottom (2.5P)	2.205	0.196	0.740	0.141	0.110	0.188	2
1650509108	● No. 5 - 40 UNC	H2	Bottom (1.5P)	2.205	0.200	0.780	0.141	0.110	0.188	2
1650500308	● No. 5 - 40 UNC	H2	Modified Bottom (2.5P)	2.205	0.200	0.780	0.141	0.110	0.188	2
1650509208	● No. 5 - 44 UNF	H2	Bottom (1.5P)	2.205	0.200	0.780	0.141	0.110	0.188	2
1650500408	● No. 5 - 44 UNF	H2	Modified Bottom (2.5P)	2.205	0.200	0.780	0.141	0.110	0.188	2
1650509308	● No. 6 - 32 UNC	H2	Bottom (1.5P)	2.205	0.248	0.783	0.141	0.110	0.188	3
1650500608	● No. 6 - 32 UNC	H2	Modified Bottom (2.5P)	2.205	0.248	0.783	0.141	0.110	0.188	2
1650513108	● No. 6 - 32 UNC	H2	Modified Bottom (2.5P)	2.205	0.248	0.783	0.141	0.110	0.188	3
1650513208	● No. 6 - 32 UNC	H3	Bottom (1.5P)	2.205	0.248	0.783	0.141	0.110	0.188	2
1650509408	● No. 6 - 32 UNC	H3	Bottom (1.5P)	2.205	0.248	0.783	0.141	0.110	0.188	3
1650500508	● No. 6 - 32 UNC	H3	Modified Bottom (2.5P)	2.205	0.248	0.783	0.141	0.110	0.188	2
1650509508	● No. 6 - 40 UNF	H2	Bottom (1.5P)	2.205	0.248	0.783	0.141	0.110	0.188	3
1650500708	● No. 6 - 40 UNF	H2	Modified Bottom (2.5P)	2.205	0.248	0.783	0.141	0.110	0.188	2
1650509608	● No. 8 - 32 UNC	H2	Bottom (1.5P)	2.480	0.251	0.826	0.168	0.131	0.250	3
1650500908	● No. 8 - 32 UNC	H2	Modified Bottom (2.5P)	2.480	0.251	0.826	0.168	0.131	0.250	2
1650509708	● No. 8 - 32 UNC	H3	Bottom (1.5P)	2.480	0.251	0.826	0.168	0.131	0.250	3
1650500808	● No. 8 - 32 UNC	H3	Modified Bottom (2.5P)	2.480	0.251	0.826	0.168	0.131	0.250	2
1650509808	● No. 8 - 36 UNF	H2	Bottom (1.5P)	2.480	0.251	0.826	0.168	0.131	0.250	3
1650501008	● No. 8 - 36 UNF	H2	Modified Bottom (2.5P)	2.480	0.251	0.826	0.168	0.131	0.250	2
1650509908	● No. 10 - 24 UNC	H3	Bottom (1.5P)	2.756	0.326	0.976	0.194	0.152	0.250	3
1650501108	● No. 10 - 24 UNC	H3	Modified Bottom (2.5P)	2.756	0.326	0.976	0.194	0.152	0.250	2
1650510008	● No. 10 - 32 UNF	H2	Bottom (1.5P)	2.756	0.326	1.590	0.194	0.152	0.250	3
1650501308	● No. 10 - 32 UNF	H2	Modified Bottom (2.5P)	2.756	0.326	0.976	0.194	0.152	0.250	2
1650510108	● No. 10 - 32 UNF	H3	Bottom (1.5P)	2.756	0.326	1.590	0.194	0.152	0.250	3
1650501208	● No. 10 - 32 UNF	H3	Modified Bottom (2.5P)	2.756	0.326	0.976	0.194	0.152	0.250	2
1650510208	● No. 12 - 24 UNC	H3	Bottom (1.5P)	3.150	0.330	1.177	0.220	0.165	0.281	3
1650501408	● No. 12 - 24 UNC	H3	Modified Bottom (2.5P)	3.150	0.330	1.177	0.220	0.165	0.281	2
1650510308	● No. 12 - 28 UNF	H3	Bottom (1.5P)	3.150	0.330	1.177	0.220	0.165	0.281	3
1650501508	● No. 12 - 28 UNF	H3	Modified Bottom (2.5P)	3.150	0.330	1.177	0.220	0.165	0.281	2
1650510408	● No. 12 - 32 UNEF	H3	Bottom (1.5P)	3.150	0.330	1.177	0.220	0.165	0.281	3
1650505608	● No. 12 - 32 UNEF	H3	Modified Bottom (2.5P)	3.150	0.330	1.177	0.220	0.165	0.281	2
1650510608	● 1/4 - 20 UNC	H3	Bottom (1.5P)	3.150	0.397	1.177	0.255	0.191	0.313	3
1650501708	● 1/4 - 20 UNC	H3	Modified Bottom (2.5P)	3.150	0.397	1.177	0.255	0.191	0.313	2
1650510708	● 1/4 - 20 UNC	H5	Bottom (1.5P)	3.150	0.397	1.177	0.255	0.191	0.313	3
1650501608	● 1/4 - 20 UNC	H5	Modified Bottom (2.5P)	3.150	0.397	1.177	0.255	0.191	0.313	2
1650510908	● 1/4 - 28 UNF	H3	Bottom (1.5P)	3.150	0.397	1.177	0.255	0.191	0.313	3
1650501908	● 1/4 - 28 UNF	H3	Modified Bottom (2.5P)	3.150	0.397	1.177	0.255	0.191	0.313	2
1650510808	● 1/4 - 28 UNF	H4	Bottom (1.5P)	3.150	0.397	1.177	0.255	0.191	0.313	3
1650501808	● 1/4 - 28 UNF	H4	Modified Bottom (2.5P)	3.150	0.397	1.177	0.255	0.191	0.313	2

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



CONTINUED

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel	300	400	17-4 PH		Aluminum		Nickel Alloy	Titanium				
Low	Medium	High							6061	Casting			Inconel	6Al4V	~35 HRC	35-45 HRC
1010	1035	1065	4140	4340	300	400	17-4 PH	6061	7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
80-120 SFM	80-120 SFM	80-120 SFM	35-50 SFM	20-40 SFM	15-35 SFM	15-35 SFM	15-25 SFM	50-80 SFM	70-120 SFM	70-120 SFM			30-55 SFM			

○ Good ○ Best





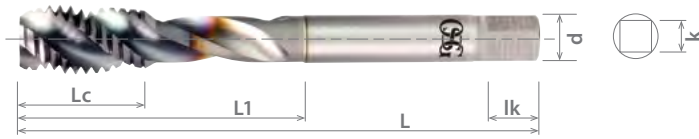
A Brand A-SFT

Advanced Performance Taps for a Variety of Materials

List 16505 (Continued)

A BRAND A-SFT, DIN Overall Length

A **VC10** **PACKED 1 PIECE**



EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Dia.	Square Width	Square Length	Number of Flutes	
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)		
1650510508	●	1/4 - 32 UNEF	H3	Bottom (1.5P)	3.150	0.397	1.177	0.255	0.191	0.313	2
1650511008	●	1/4 - 32 UNEF	H3	Bottom (1.5P)	3.150	0.397	1.177	0.255	0.191	0.313	3
1650505708	●	1/4 - 32 UNEF	H3	Modified Bottom (2.5P)	3.150	0.397	1.177	0.255	0.191	0.313	2
1650511108	●	5/16 - 18 UNC	H3	Bottom (1.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650502108	●	5/16 - 18 UNC	H3	Modified Bottom (2.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650511208	●	5/16 - 18 UNC	H5	Bottom (1.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650502008	●	5/16 - 18 UNC	H5	Modified Bottom (2.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650511308	●	5/16 - 24 UNF	H3	Bottom (1.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650502308	●	5/16 - 24 UNF	H3	Modified Bottom (2.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650511408	●	5/16 - 24 UNF	H4	Bottom (1.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650502208	●	5/16 - 24 UNF	H4	Modified Bottom (2.5P)	3.543	0.444	1.377	0.318	0.238	0.375	3
1650511508	●	5/16 - 32 UNEF	H3	Bottom (1.5P)	3.150	0.444	1.377	0.318	0.238	0.375	3
1650505808	●	5/16 - 32 UNEF	H3	Modified Bottom (2.5P)	3.150	0.444	1.377	0.318	0.238	0.375	3
1650511608	●	3/8 - 16 UNC	H3	Bottom (1.5P)	3.937	0.500	1.535	0.381	0.286	0.438	3
1650502508	●	3/8 - 16 UNC	H3	Modified Bottom (2.5P)	3.937	0.500	1.535	0.381	0.286	0.438	3
1650511708	●	3/8 - 16 UNC	H5	Bottom (1.5P)	3.937	0.500	1.535	0.381	0.286	0.438	3
1650502408	●	3/8 - 16 UNC	H5	Modified Bottom (2.5P)	3.937	0.500	1.535	0.381	0.286	0.438	3
1650511808	●	3/8 - 24 UNF	H3	Bottom (1.5P)	3.543	0.500	1.377	0.381	0.286	0.438	3
1650502708	●	3/8 - 24 UNF	H3	Modified Bottom (2.5P)	3.543	0.500	1.377	0.381	0.286	0.438	3
1650511908	●	3/8 - 24 UNF	H4	Bottom (1.5P)	3.543	0.500	1.377	0.381	0.286	0.438	3
1650502608	●	3/8 - 24 UNF	H4	Modified Bottom (2.5P)	3.543	0.500	1.377	0.381	0.286	0.438	3
1650505908	●	3/8 - 32 UNEF	H3	Modified Bottom (2.5P)	3.543	0.500	1.377	0.381	0.286	0.438	3
1650512008	●	3/8 - 32 UNEF	H4	Bottom (1.5P)	3.543	0.500	1.377	0.381	0.286	0.438	3
1650512108	●	7/16 - 14 UNC	H3	Bottom (1.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650502908	●	7/16 - 14 UNC	H3	Modified Bottom (2.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650512208	●	7/16 - 14 UNC	H5	Bottom (1.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650502808	●	7/16 - 14 UNC	H5	Modified Bottom (2.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650512308	●	7/16 - 20 UNF	H3	Bottom (1.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650503108	●	7/16 - 20 UNF	H3	Modified Bottom (2.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650512408	●	7/16 - 20 UNF	H5	Bottom (1.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650503008	●	7/16 - 20 UNF	H5	Modified Bottom (2.5P)	3.937	0.570	1.712	0.323	0.242	0.406	3
1650512508	●	7/16 - 28 UNEF	H4	Bottom (1.5P)	3.543	0.570	1.712	0.323	0.242	0.406	3
1650506008	●	7/16 - 28 UNEF	H4	Modified Bottom (2.5P)	3.543	0.570	1.712	0.323	0.242	0.406	3
1650512608	●	1/2 - 13 UNC	H3	Bottom (1.5P)	4.331	0.614	1.933	0.367	0.275	0.438	3
1650503308	●	1/2 - 13 UNC	H3	Modified Bottom (2.5P)	4.331	0.614	1.933	0.367	0.275	0.438	3
1650512708	●	1/2 - 13 UNC	H5	Bottom (1.5P)	4.331	0.614	1.933	0.367	0.275	0.438	3
1650503208	●	1/2 - 13 UNC	H5	Modified Bottom (2.5P)	4.331	0.614	1.933	0.367	0.275	0.438	3
1650512808	●	1/2 - 20 UNF	H3	Bottom (1.5P)	3.937	0.614	1.933	0.367	0.275	0.438	3
1650503508	●	1/2 - 20 UNF	H3	Modified Bottom (2.5P)	3.937	0.614	1.933	0.367	0.275	0.438	3
1650512908	●	1/2 - 20 UNF	H5	Bottom (1.5P)	3.937	0.614	1.933	0.367	0.275	0.438	3
1650503408	●	1/2 - 20 UNF	H5	Modified Bottom (2.5P)	3.937	0.614	1.933	0.367	0.275	0.438	3
1650513008	●	1/2 - 28 UNEF	H4	Bottom (1.5P)	3.937	0.614	1.933	0.367	0.275	0.438	3
1650506108	●	1/2 - 28 UNEF	H4	Modified Bottom (2.5P)	3.937	0.614	1.933	0.367	0.275	0.438	3
1650503708	●	9/16 - 12 UNC	H3	Modified Bottom (2.5P)	4.331	0.665	1.972	0.429	0.322	0.500	3
1650503608	●	9/16 - 12 UNC	H5	Modified Bottom (2.5P)	4.331	0.665	1.972	0.429	0.322	0.500	3
1650503908	●	9/16 - 18 UNF	H3	Modified Bottom (2.5P)	3.937	0.665	1.972	0.429	0.322	0.500	3
1650503808	●	9/16 - 18 UNF	H5	Modified Bottom (2.5P)	3.937	0.665	1.972	0.429	0.322	0.500	3
1650506208	●	9/16 - 24 UNEF	H4	Modified Bottom (2.5P)	3.937	0.665	1.972	0.429	0.322	0.500	3
1650504108	●	5/8 - 11 UNC	H3	Modified Bottom (2.5P)	4.331	0.728	2.125	0.480	0.360	0.563	3
1650504008	●	5/8 - 11 UNC	H5	Modified Bottom (2.5P)	4.331	0.728	2.125	0.480	0.360	0.563	3
1650504308	●	5/8 - 18 UNF	H3	Modified Bottom (2.5P)	3.937	0.728	2.125	0.480	0.360	0.563	3
1650504208	●	5/8 - 18 UNF	H5	Modified Bottom (2.5P)	3.937	0.728	2.125	0.480	0.360	0.563	3

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX





List 16505 (Continued)

A BRAND A-SFT, DIN Overall Length



EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Dia.	Square Width	Square Length	Number of Flutes	
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)		
1650506308	●	5/8 - 24 UNEF	H4	Modified Bottom (2.5P)	3.937	0.728	2.125	0.480	0.360	0.563	3
1650506408	●	11/16 - 24 UNEF	H4	Modified Bottom (2.5P)	4.331	0.909	2.165	0.542	0.406	0.625	4
1650504508	●	3/4 - 10 UNC	H3	Modified Bottom (2.5P)	4.921	1.000	2.433	0.590	0.442	0.688	4
1650504408	●	3/4 - 10 UNC	H5	Modified Bottom (2.5P)	4.921	1.000	2.433	0.590	0.442	0.688	4
1650504708	●	3/4 - 16 UNF	H3	Modified Bottom (2.5P)	4.331	1.000	2.433	0.590	0.442	0.688	4
1650504608	●	3/4 - 16 UNF	H5	Modified Bottom (2.5P)	4.331	1.000	2.433	0.590	0.442	0.688	4
1650506508	●	3/4 - 20 UNEF	H5	Modified Bottom (2.5P)	4.331	1.000	2.433	0.590	0.442	0.688	4
1650506608	●	13/16 - 20 UNEF	H5	Modified Bottom (2.5P)	4.921	1.000	2.433	0.652	0.489	0.688	4
1650504908	●	7/8 - 9 UNC	H4	Modified Bottom (2.5P)	5.512	1.110	2.653	0.697	0.523	0.750	4
1650504808	●	7/8 - 9 UNC	H6	Modified Bottom (2.5P)	5.512	1.110	2.653	0.697	0.523	0.750	4
1650505108	●	7/8 - 14 UNF	H4	Modified Bottom (2.5P)	4.921	1.110	2.653	0.697	0.523	0.750	4
1650505008	●	7/8 - 14 UNF	H6	Modified Bottom (2.5P)	4.921	1.110	2.653	0.697	0.523	0.750	4
1650506708	●	7/8 - 20 UNEF	H5	Modified Bottom (2.5P)	4.921	1.110	2.653	0.697	0.523	0.750	4
1650506808	●	15/16 - 20 UNEF	H5	Modified Bottom (2.5P)	5.512	1.110	2.692	0.760	0.570	0.750	4
1650505308	●	1 - 8 UNC	H4	Modified Bottom (2.5P)	6.299	1.251	3.011	0.800	0.600	0.813	4
1650505208	●	1 - 8 UNC	H6	Modified Bottom (2.5P)	6.299	1.251	3.011	0.800	0.600	0.813	4
1650507008	●	1 - 8 UNC	H8	Modified Bottom (2.5P)	6.299	1.251	3.011	0.800	0.600	0.813	4
1650505508	●	1 - 12 UNF	H4	Modified Bottom (2.5P)	6.299	1.251	3.011	0.800	0.600	0.813	4
1650505408	●	1 - 12 UNF	H6	Modified Bottom (2.5P)	5.512	1.251	3.011	0.800	0.600	0.813	4
1650513308	●	1 - 14 UNS	H6	Modified Bottom (2.5P)	5.512	1.251	3.011	0.800	0.600	0.813	4
1650506908	●	1 - 20 UNEF	H5	Modified Bottom (2.5P)	5.512	1.251	3.011	0.800	0.600	0.813	4
1650507108	●	1- 1/8 - 7 UNC	H9	Modified Bottom (2.5P)	7.087	0.944	3.819	0.896	0.672	0.875	4
1650507208	●	1- 1/8 - 8 UN	H9	Modified Bottom (2.5P)	7.087	0.826	3.819	0.896	0.672	0.875	4
1650507308	●	1- 1/8 - 12 UNF	H8	Modified Bottom (2.5P)	5.906	0.826	3.071	0.896	0.672	0.875	4
1650507408	●	1- 1/4 - 7 UNC	H10	Modified Bottom (2.5P)	7.087	0.944	3.937	1.021	0.766	1.000	4
1650507508	●	1- 1/4 - 8 UN	H9	Modified Bottom (2.5P)	7.087	0.826	3.937	1.021	0.766	1.000	4
1650507608	●	1- 1/4 - 12 UNF	H8	Modified Bottom (2.5P)	5.906	0.826	3.071	1.021	0.766	1.000	4
1650507708	●	1- 3/8 - 6 UNC	H10	Modified Bottom (2.5P)	7.874	1.102	4.528	1.108	0.831	1.063	4
1650507808	●	1- 3/8 - 8 UN	H9	Modified Bottom (2.5P)	7.874	0.826	4.528	1.108	0.831	1.063	4
1650507908	●	1- 3/8 - 12 UNF	H8	Modified Bottom (2.5P)	6.693	0.826	3.583	1.108	0.831	1.063	4
1650508008	●	1- 1/2 - 6 UNC	H10	Modified Bottom (2.5P)	7.874	1.102	4.528	1.233	0.925	1.125	4
1650508108	●	1- 1/2 - 8 UN	H9	Modified Bottom (2.5P)	7.874	0.826	4.528	1.233	0.925	1.125	4
1650508208	●	1- 1/2 - 12 UNF	H8	Modified Bottom (2.5P)	6.693	0.826	3.583	1.233	0.925	1.125	4
1650508308	●	1- 5/8 - 8 UN	H10	Modified Bottom (2.5P)	7.874	0.826	4.331	1.305	0.979	1.125	4
1650508408	●	1- 3/4 - 5 UNC	H11	Modified Bottom (2.5P)	8.661	1.299	4.724	1.430	1.072	1.250	4
1650508508	●	1- 3/4 - 8 UN	H10	Modified Bottom (2.5P)	7.874	0.826	3.976	1.430	1.072	1.250	4
1650508608	●	1- 7/8 - 8 UN	H10	Modified Bottom (2.5P)	8.858	2.008	4.921	1.519	1.139	1.250	4
1650508708	●	2 - 4.5 UNC	H12	Modified Bottom (2.5P)	9.843	2.677	5.512	1.644	1.233	1.375	4
1650508808	●	2 - 8 UN	H10	Modified Bottom (2.5P)	8.858	2.008	4.803	1.644	1.233	1.375	4

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



CONTINUED

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel	300	400	17-4 PH		Aluminum		Nickel Alloy	Titanium				
Low	Medium	High							6061	Casting			Inconel	6Al4V	~35 HRC	35-45 HRC
1010	1035	1065	4140													
1018	1045		4340													
○	○	○	○	○	○	○	○	○	○	○			○			
80-120 SFM	80-120 SFM	80-120 SFM	35-50 SFM	20-40 SFM	15-35 SFM	15-35 SFM	15-25 SFM	50-80 SFM	70-120 SFM	70-120 SFM			30-55 SFM			

○ Good ○ Best

