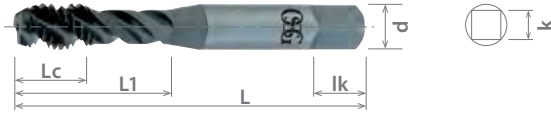




List 302

EXOTAP® VA-3 SFT STI



EDP	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)		
0144701	● No. 2 - 56 UNC STI	H2	Bottom (1.5P)	1.882	0.176	0.565	0.141	0.110	0.188	2	Steam Oxide
0144708	● No. 2 - 56 UNC STI	H2	Bottom (1.5P)	1.882	0.176	0.565	0.141	0.110	0.188	2	V
1713501	● No. 2 - 56 UNC STI	H2	Modified Bottom (2.5P)	1.882	0.176	0.565	0.141	0.110	0.188	2	Steam Oxide
30200101	● No. 3 - 48 UNC STI	H2	Bottom (1.5P)	1.941	0.209	0.626	0.141	0.110	0.188	2	Steam Oxide
30200108	● No. 3 - 48 UNC STI	H2	Bottom (1.5P)	1.941	0.209	0.626	0.141	0.110	0.188	2	V
0144801	● No. 4 - 40 UNC STI	H2	Bottom (1.5P)	2.000	0.252	0.689	0.141	0.110	0.188	3	Steam Oxide
0144808	● No. 4 - 40 UNC STI	H2	Bottom (1.5P)	2.000	0.252	0.689	0.141	0.110	0.188	3	V
1713601	● No. 4 - 40 UNC STI	H2	Modified Bottom (2.5P)	2.000	0.252	0.689	0.141	0.110	0.188	3	Steam Oxide
30200201	● No. 4 - 48 UNF STI	H2	Bottom (1.5P)	2.000	0.252	0.689	0.141	0.110	0.188	3	Steam Oxide
30200208	● No. 4 - 48 UNF STI	H2	Bottom (1.5P)	2.000	0.252	0.689	0.141	0.110	0.188	3	V
0144901	● No. 6 - 32 UNC STI	H2	Bottom (1.5P)	2.382	0.313	0.876	0.194	0.152	0.250	3	Steam Oxide
0144908	● No. 6 - 32 UNC STI	H2	Bottom (1.5P)	2.382	0.313	0.876	0.194	0.152	0.250	3	V
1713701	● No. 6 - 32 UNC STI	H2	Modified Bottom (2.5P)	2.382	0.313	0.876	0.194	0.152	0.250	3	Steam Oxide
0145001	● No. 6 - 32 UNC STI	H3	Bottom (1.5P)	2.382	0.313	0.876	0.194	0.152	0.250	3	Steam Oxide
0145008	● No. 6 - 32 UNC STI	H3	Bottom (1.5P)	2.382	0.313	0.876	0.194	0.152	0.250	3	V
1713801	● No. 6 - 32 UNC STI	H3	Modified Bottom (2.5P)	2.382	0.313	0.876	0.194	0.152	0.250	3	Steam Oxide
0145101	● No. 6 - 40 UNF STI	H2	Bottom (1.5P)	2.130	0.313	0.754	0.168	0.131	0.250	3	Steam Oxide
0145108	● No. 6 - 40 UNF STI	H2	Bottom (1.5P)	2.130	0.313	0.754	0.168	0.131	0.250	3	V
30200301	● No. 6 - 40 UNF STI	H2	Modified Bottom (2.5P)	2.130	0.313	0.754	0.168	0.131	0.250	3	Steam Oxide
30200308	● No. 6 - 40 UNF STI	H2	Modified Bottom (2.5P)	2.130	0.313	0.754	0.168	0.131	0.250	3	V
0145201	● No. 8 - 32 UNC STI	H2	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	Steam Oxide
0145208	● No. 8 - 32 UNC STI	H2	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	V
1713901	● No. 8 - 32 UNC STI	H2	Modified Bottom (2.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	Steam Oxide
0145301	● No. 8 - 32 UNC STI	H3	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	Steam Oxide
0145308	● No. 8 - 32 UNC STI	H3	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	V
1714001	● No. 8 - 32 UNC STI	H3	Modified Bottom (2.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	Steam Oxide
0145401	● No. 8 - 32 UNC STI	H4	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	Steam Oxide
0145408	● No. 8 - 32 UNC STI	H4	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	V
30200401	● No. 8 - 32 UNC STI	H4	Modified Bottom (2.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	Steam Oxide
30200408	● No. 8 - 32 UNC STI	H4	Modified Bottom (2.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	V
30200501	● No. 8 - 36 UNF STI	H2	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	Steam Oxide
30200508	● No. 8 - 36 UNF STI	H2	Bottom (1.5P)	2.382	0.311	0.937	0.220	0.165	0.281	3	V
0145501	● No. 10 - 24 UNC STI	H2	Bottom (1.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	Steam Oxide
0145508	● No. 10 - 24 UNC STI	H2	Bottom (1.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	V
30200701	● No. 10 - 24 UNC STI	H2	Modified Bottom (2.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	Steam Oxide
30200708	● No. 10 - 24 UNC STI	H2	Modified Bottom (2.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	V
0145601	● No. 10 - 24 UNC STI	H3	Bottom (1.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	Steam Oxide
0145608	● No. 10 - 24 UNC STI	H3	Bottom (1.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	V
30200801	● No. 10 - 24 UNC STI	H3	Modified Bottom (2.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	Steam Oxide
30200808	● No. 10 - 24 UNC STI	H3	Modified Bottom (2.5P)	2.500	0.418	1.000	0.255	0.191	0.313	3	V
0145701	● No. 10 - 32 UNF STI	H2	Bottom (1.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	Steam Oxide
0145708	● No. 10 - 32 UNF STI	H2	Bottom (1.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	V
1714101	● No. 10 - 32 UNF STI	H2	Modified Bottom (2.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	Steam Oxide
0145801	● No. 10 - 32 UNF STI	H3	Bottom (1.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	Steam Oxide
0145808	● No. 10 - 32 UNF STI	H3	Bottom (1.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	V
1714201	● No. 10 - 32 UNF STI	H3	Modified Bottom (2.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	Steam Oxide
0145901	● No. 10 - 32 UNF STI	H4	Bottom (1.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	Steam Oxide
0145908	● No. 10 - 32 UNF STI	H4	Bottom (1.5P)	2.500	0.419	1.001	0.255	0.191	0.313	3	V
0146001	● 1/4 - 20 UNC STI	H2	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide
0146008	● 1/4 - 20 UNC STI	H2	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	V
30201001	● 1/4 - 20 UNC STI	H2	Modified Bottom (2.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide
30201008	● 1/4 - 20 UNC STI	H2	Modified Bottom (2.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	V
0146101	● 1/4 - 20 UNC STI	H3	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide

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





List 302 (Continued)

EXOTAP® VA-3 SFT STI, Spiral Fluted

SPIRAL FLUTE	HSSE	S/O	V	C/1.5P	C/2.5P	45°	STI	PACKED 1 PIECE
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EDP		Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment
					L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)		
0146108	●	1/4 - 20 UNC STI	H3	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	V
30201101	●	1/4 - 20 UNC STI	H3	Modified Bottom (2.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide
30201108	●	1/4 - 20 UNC STI	H3	Modified Bottom (2.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	V
0146201	●	1/4 - 28 UNF STI	H2	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide
0146208	●	1/4 - 28 UNF STI	H2	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	V
1714301	●	1/4 - 28 UNF STI	H2	Modified Bottom (2.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide
0146301	●	1/4 - 28 UNF STI	H3	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide
0146308	●	1/4 - 28 UNF STI	H3	Bottom (1.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	V
1714401	●	1/4 - 28 UNF STI	H3	Modified Bottom (2.5P)	2.720	0.500	1.126	0.318	0.238	0.375	3	Steam Oxide
0146401	●	5/16 - 18 UNC STI	H3	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
0146408	●	5/16 - 18 UNC STI	H3	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	V
30201201	●	5/16 - 18 UNC STI	H3	Modified Bottom (2.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
30201208	●	5/16 - 18 UNC STI	H3	Modified Bottom (2.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	V
0146501	●	5/16 - 18 UNC STI	H4	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
0146508	●	5/16 - 18 UNC STI	H4	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	V
30201301	●	5/16 - 18 UNC STI	H4	Modified Bottom (2.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
30201308	●	5/16 - 18 UNC STI	H4	Modified Bottom (2.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	V
0146601	●	5/16 - 24 UNF STI	H2	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
0146608	●	5/16 - 24 UNF STI	H2	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	V
1714501	●	5/16 - 24 UNF STI	H2	Modified Bottom (2.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
0146701	●	5/16 - 24 UNF STI	H3	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
0146708	●	5/16 - 24 UNF STI	H3	Bottom (1.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	V
30201401	●	5/16 - 24 UNF STI	H3	Modified Bottom (2.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	Steam Oxide
30201408	●	5/16 - 24 UNF STI	H3	Modified Bottom (2.5P)	2.941	0.555	1.252	0.381	0.286	0.438	3	V
0146801	●	3/8 - 16 UNC STI	H3	Bottom (1.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	Steam Oxide
0146808	●	3/8 - 16 UNC STI	H3	Bottom (1.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	V
30201501	●	3/8 - 16 UNC STI	H3	Modified Bottom (2.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	Steam Oxide
30201508	●	3/8 - 16 UNC STI	H3	Modified Bottom (2.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	V
0146901	●	3/8 - 16 UNC STI	H4	Bottom (1.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	Steam Oxide
0146908	●	3/8 - 16 UNC STI	H4	Bottom (1.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	V
30201601	●	3/8 - 16 UNC STI	H4	Modified Bottom (2.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	Steam Oxide
30201608	●	3/8 - 16 UNC STI	H4	Modified Bottom (2.5P)	3.382	0.626	1.933	0.367	0.275	0.438	3	V
0147001	●	3/8 - 24 UNF STI	H2	Bottom (1.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	Steam Oxide
0147008	●	3/8 - 24 UNF STI	H2	Bottom (1.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	V
30201701	●	3/8 - 24 UNF STI	H2	Modified Bottom (2.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	Steam Oxide
30201708	●	3/8 - 24 UNF STI	H2	Modified Bottom (2.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	V
0147101	●	3/8 - 24 UNF STI	H3	Bottom (1.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	Steam Oxide
0147108	●	3/8 - 24 UNF STI	H3	Bottom (1.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	V
30201801	●	3/8 - 24 UNF STI	H3	Modified Bottom (2.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	Steam Oxide
30201808	●	3/8 - 24 UNF STI	H3	Modified Bottom (2.5P)	3.161	0.626	1.713	0.323	0.242	0.406	3	V
0147201	●	7/16 - 14 UNC STI	H3	Bottom (1.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	Steam Oxide
0147208	●	7/16 - 14 UNC STI	H3	Bottom (1.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	V
30201901	●	7/16 - 14 UNC STI	H3	Modified Bottom (2.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	Steam Oxide
30201908	●	7/16 - 14 UNC STI	H3	Modified Bottom (2.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	V
0147301	●	7/16 - 14 UNC STI	H4	Bottom (1.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	Steam Oxide
0147308	●	7/16 - 14 UNC STI	H4	Bottom (1.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	V
30202101	●	7/16 - 14 UNC STI	H4	Modified Bottom (2.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	Steam Oxide
30202108	●	7/16 - 14 UNC STI	H4	Modified Bottom (2.5P)	3.591	0.713	1.972	0.429	0.322	0.500	3	V

● 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	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
Low	Medium	High							6061	Casting						
1010	1035	1065	4140													
1018	1045		4340				6061	7075								
○	○	○			○	○	○									
25-80 SFM	20-50 SFM	20-45 SFM			20-45 SFM	20-45 SFM	8-20 SFM									

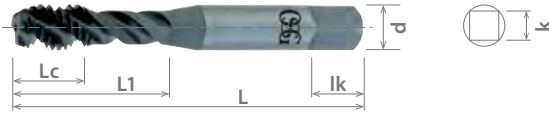
○ Good ○ Best





List 302 (Continued)

EXOTAP® VA-3 SFT STI, Spiral Fluted



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

EDP	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)		
0147401	● 7/16 - 20 UNF STI	H3	Bottom (1.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	Steam Oxide
0147408	● 7/16 - 20 UNF STI	H3	Bottom (1.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	V
30202201	● 7/16 - 20 UNF STI	H3	Modified Bottom (2.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	Steam Oxide
30202208	● 7/16 - 20 UNF STI	H3	Modified Bottom (2.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	V
0147501	● 7/16 - 20 UNF STI	H4	Bottom (1.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	Steam Oxide
0147508	● 7/16 - 20 UNF STI	H4	Bottom (1.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	V
30202301	● 7/16 - 20 UNF STI	H4	Modified Bottom (2.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	Steam Oxide
30202308	● 7/16 - 20 UNF STI	H4	Modified Bottom (2.5P)	3.382	0.713	1.933	0.367	0.275	0.438	3	V
0147601	● 1/2 - 13 UNC STI	H3	Bottom (1.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	Steam Oxide
0147608	● 1/2 - 13 UNC STI	H3	Bottom (1.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	V
30202401	● 1/2 - 13 UNC STI	H3	Modified Bottom (2.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	Steam Oxide
30202408	● 1/2 - 13 UNC STI	H3	Modified Bottom (2.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	V
0147701	● 1/2 - 13 UNC STI	H4	Bottom (1.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	Steam Oxide
0147708	● 1/2 - 13 UNC STI	H4	Bottom (1.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	V
30202501	● 1/2 - 13 UNC STI	H4	Modified Bottom (2.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	Steam Oxide
30202508	● 1/2 - 13 UNC STI	H4	Modified Bottom (2.5P)	3.811	0.768	2.126	0.480	0.360	0.563	4	V
0147801	● 1/2 - 20 UNF STI	H3	Bottom (1.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	Steam Oxide
0147808	● 1/2 - 20 UNF STI	H3	Bottom (1.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	V
30202601	● 1/2 - 20 UNF STI	H3	Modified Bottom (2.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	Steam Oxide
30202608	● 1/2 - 20 UNF STI	H3	Modified Bottom (2.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	V
0147901	● 1/2 - 20 UNF STI	H4	Bottom (1.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	Steam Oxide
0147908	● 1/2 - 20 UNF STI	H4	Bottom (1.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	V
30202701	● 1/2 - 20 UNF STI	H4	Modified Bottom (2.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	Steam Oxide
30202708	● 1/2 - 20 UNF STI	H4	Modified Bottom (2.5P)	3.591	0.768	1.972	0.429	0.322	0.500	4	V
30202901	● 9/16 - 12 UNC STI	H3	Bottom (1.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	Steam Oxide
30202908	● 9/16 - 12 UNC STI	H3	Bottom (1.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	V
30202801	● 9/16 - 12 UNC STI	H3	Modified Bottom (2.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	Steam Oxide
30202808	● 9/16 - 12 UNC STI	H3	Modified Bottom (2.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	V
30203201	● 9/16 - 12 UNC STI	H4	Bottom (1.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	Steam Oxide
30203208	● 9/16 - 12 UNC STI	H4	Bottom (1.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	V
30203101	● 9/16 - 12 UNC STI	H4	Modified Bottom (2.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	Steam Oxide
30203108	● 9/16 - 12 UNC STI	H4	Modified Bottom (2.5P)	4.031	0.835	2.126	0.542	0.406	0.625	4	V
0148001	● 9/16 - 18 UNF STI	H3	Bottom (1.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	Steam Oxide
0148008	● 9/16 - 18 UNF STI	H3	Bottom (1.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	V
30203301	● 9/16 - 18 UNF STI	H3	Modified Bottom (2.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	Steam Oxide
30203308	● 9/16 - 18 UNF STI	H3	Modified Bottom (2.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	V
30203501	● 9/16 - 18 UNF STI	H4	Bottom (1.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	Steam Oxide
30203508	● 9/16 - 18 UNF STI	H4	Bottom (1.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	V
30203401	● 9/16 - 18 UNF STI	H4	Modified Bottom (2.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	Steam Oxide
30203408	● 9/16 - 18 UNF STI	H4	Modified Bottom (2.5P)	3.810	0.835	2.126	0.480	0.360	0.563	4	V
30203701	● 5/8 - 11 UNC STI	H3	Bottom (1.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	Steam Oxide
30203708	● 5/8 - 11 UNC STI	H3	Bottom (1.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	V
30203601	● 5/8 - 11 UNC STI	H3	Modified Bottom (2.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	Steam Oxide
30203608	● 5/8 - 11 UNC STI	H3	Modified Bottom (2.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	V
30203901	● 5/8 - 11 UNC STI	H4	Bottom (1.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	Steam Oxide
30203908	● 5/8 - 11 UNC STI	H4	Bottom (1.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	V
30203801	● 5/8 - 11 UNC STI	H4	Modified Bottom (2.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	Steam Oxide
30203808	● 5/8 - 11 UNC STI	H4	Modified Bottom (2.5P)	4.252	0.909	2.433	0.590	0.442	0.688	4	V
0148101	● 5/8 - 18 UNF STI	H3	Bottom (1.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	Steam Oxide
0148108	● 5/8 - 18 UNF STI	H3	Bottom (1.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	V
30204101	● 5/8 - 18 UNF STI	H3	Modified Bottom (2.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	Steam Oxide
30204108	● 5/8 - 18 UNF STI	H3	Modified Bottom (2.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	V
30204301	● 5/8 - 18 UNF STI	H4	Bottom (1.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	Steam Oxide

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





List 302 (Continued)

EXOTAP® VA-3 SFT STI, Spiral Fluted

	HSSE						STI	PACKED 1 PIECE
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EDP	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment	
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)			
30204308	●	5/8 - 18 UNF STI	H4	Bottom (1.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	V
30204201	●	5/8 - 18 UNF STI	H4	Modified Bottom (2.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	Steam Oxide
30204208	●	5/8 - 18 UNF STI	H4	Modified Bottom (2.5P)	4.031	0.909	2.165	0.542	0.406	0.625	4	V
30204501	●	3/4 - 10 UNC STI	H3	Bottom (1.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	Steam Oxide
30204508	●	3/4 - 10 UNC STI	H3	Bottom (1.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	V
30204401	●	3/4 - 10 UNC STI	H3	Modified Bottom (2.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	Steam Oxide
30204408	●	3/4 - 10 UNC STI	H3	Modified Bottom (2.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	V
30204701	●	3/4 - 10 UNC STI	H5	Bottom (1.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	Steam Oxide
30204708	●	3/4 - 10 UNC STI	H5	Bottom (1.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	V
30204601	●	3/4 - 10 UNC STI	H5	Modified Bottom (2.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	Steam Oxide
30204608	●	3/4 - 10 UNC STI	H5	Modified Bottom (2.5P)	4.689	1.000	2.654	0.697	0.523	0.750	4	V
30204901	●	3/4 - 16 UNF STI	H3	Bottom (1.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	Steam Oxide
30204908	●	3/4 - 16 UNF STI	H3	Bottom (1.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	V
30204801	●	3/4 - 16 UNF STI	H3	Modified Bottom (2.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	Steam Oxide
30204808	●	3/4 - 16 UNF STI	H3	Modified Bottom (2.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	V
0148201	●	3/4 - 16 UNF STI	H4	Bottom (1.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	Steam Oxide
0148208	●	3/4 - 16 UNF STI	H4	Bottom (1.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	V
30205101	●	3/4 - 16 UNF STI	H4	Modified Bottom (2.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	Steam Oxide
30205108	●	3/4 - 16 UNF STI	H4	Modified Bottom (2.5P)	4.467	1.000	2.433	0.652	0.489	0.688	4	V
30205301	●	7/8 - 9 UNC STI	H3	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
30205308	●	7/8 - 9 UNC STI	H3	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
30205201	●	7/8 - 9 UNC STI	H3	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
30205208	●	7/8 - 9 UNC STI	H3	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
30205501	●	7/8 - 9 UNC STI	H5	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
30205508	●	7/8 - 9 UNC STI	H5	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
30205401	●	7/8 - 9 UNC STI	H5	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
30205408	●	7/8 - 9 UNC STI	H5	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
30205701	●	7/8 - 14 UNF STI	H3	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
30205708	●	7/8 - 14 UNF STI	H3	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
30205601	●	7/8 - 14 UNF STI	H3	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
30205608	●	7/8 - 14 UNF STI	H3	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
0148301	●	7/8 - 14 UNF STI	H4	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
0148308	●	7/8 - 14 UNF STI	H4	Bottom (1.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
30205901	●	7/8 - 14 UNF STI	H4	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	Steam Oxide
30205908	●	7/8 - 14 UNF STI	H4	Modified Bottom (2.5P)	5.130	1.110	3.012	0.800	0.600	0.813	4	V
30206301	●	1 - 8 UNC STI	H4	Bottom (1.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	Steam Oxide
30206308	●	1 - 8 UNC STI	H4	Bottom (1.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	V
30206201	●	1 - 8 UNC STI	H4	Modified Bottom (2.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	Steam Oxide
30206208	●	1 - 8 UNC STI	H4	Modified Bottom (2.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	V
30206501	●	1 - 8 UNC STI	H6	Bottom (1.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	Steam Oxide
30206508	●	1 - 8 UNC STI	H6	Bottom (1.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	V
30206401	●	1 - 8 UNC STI	H6	Modified Bottom (2.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	Steam Oxide
30206408	●	1 - 8 UNC STI	H6	Modified Bottom (2.5P)	5.752	1.252	3.075	1.021	0.766	1.000	4	V
30206701	●	1 - 12 UNF STI	H4	Bottom (1.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	Steam Oxide
30206708	●	1 - 12 UNF STI	H4	Bottom (1.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	V
30206601	●	1 - 12 UNF STI	H4	Modified Bottom (2.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	Steam Oxide
30206608	●	1 - 12 UNF STI	H4	Modified Bottom (2.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	V
30206901	●	1 - 12 UNF STI	H6	Bottom (1.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	Steam Oxide

● 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	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
Low	Medium	High							6061	7075						
1010	1018	1035	1045	1065	4140	4340										
○	○	○			○	○	○									
25-80 SFM	20-50 SFM	20-45 SFM			20-45 SFM	20-45 SFM	8-20 SFM									

○ Good ○ Best





EXOTAP VA-3®

Ideal for Stainless Steel

ABOUT OSG

DRILLING

THREADING

MILLING

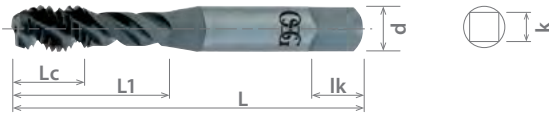
HOLDERS

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List 302 (Continued)

EXOTAP® VA-3 SFT STI, Spiral Fluted

SPIRAL FLUTE	HSSE	S/O	V	C/1.5P	C/2.5P	45°	STI	PACKED 1 PIECE
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EDP	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)		
30206908	1 - 12 UNF STI	H6	Bottom (1.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	V
30206801	1 - 12 UNF STI	H6	Modified Bottom (2.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	Steam Oxide
30206808	1 - 12 UNF STI	H6	Modified Bottom (2.5P)	5.441	1.252	3.075	0.896	0.672	0.875	4	V

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



P					M			K	N		S		H				
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel				
Carbon Steel			Alloy Steel	Die Steel	Aluminum		Nickel Alloy		Titanium								
Low	Medium	High			6061	Casting				Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC		
1010	1035	1065	4140	4340	300	400	17-4 PH	6061	7075								
1018	1045																
25-80 SFM	20-50 SFM	20-45 SFM			20-45 SFM	20-45 SFM	8-20 SFM										

○ Good ⊙ Best

