



List 301

EXOTAP® VA-3 POT STI



EDP		Thread Size	Thread Limit	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)		
1712401	●	No. 2 - 56 UNC STI	H2	1.882	0.259	0.570	0.141	0.110	0.188	2	Steam Oxide
1712408	●	No. 2 - 56 UNC STI	H2	1.882	0.259	0.570	0.141	0.110	0.188	2	V
30100101	●	No. 3 - 48 UNC STI	H2	1.941	0.307	0.633	0.141	0.110	0.188	2	Steam Oxide
30100108	●	No. 3 - 48 UNC STI	H2	1.941	0.307	0.633	0.141	0.110	0.188	2	V
1712501	●	No. 4 - 40 UNC STI	H2	2.000	0.362	0.700	0.141	0.110	0.188	2	Steam Oxide
1712508	●	No. 4 - 40 UNC STI	H2	2.000	0.362	0.700	0.141	0.110	0.188	2	V
30100201	●	No. 4 - 48 UNF STI	H2	2.000	0.362	0.700	0.141	0.110	0.188	2	Steam Oxide
30100208	●	No. 4 - 48 UNF STI	H2	2.000	0.362	0.700	0.141	0.110	0.188	2	V
1712601	●	No. 6 - 32 UNC STI	H2	2.382	0.440	0.877	0.194	0.152	0.250	3	Steam Oxide
1712608	●	No. 6 - 32 UNC STI	H2	2.382	0.440	0.877	0.194	0.152	0.250	3	V
1712701	●	No. 6 - 32 UNC STI	H3	2.382	0.440	0.877	0.194	0.152	0.250	3	Steam Oxide
1712708	●	No. 6 - 32 UNC STI	H3	2.382	0.440	0.877	0.194	0.152	0.250	3	V
30100301	●	No. 6 - 40 UNF STI	H3	2.130	0.381	0.759	0.168	0.131	0.250	3	Steam Oxide
30100308	●	No. 6 - 40 UNF STI	H3	2.130	0.381	0.759	0.168	0.131	0.250	3	V
1712801	●	No. 8 - 32 UNC STI	H2	2.382	0.440	0.940	0.220	0.165	0.281	3	Steam Oxide
1712808	●	No. 8 - 32 UNC STI	H2	2.382	0.440	0.940	0.220	0.165	0.281	3	V
1712901	●	No. 8 - 32 UNC STI	H3	2.382	0.440	0.940	0.220	0.165	0.281	3	Steam Oxide
1712908	●	No. 8 - 32 UNC STI	H3	2.382	0.440	0.940	0.220	0.165	0.281	3	V
30100401	●	No. 8 - 36 UNF STI	H2	2.382	0.440	0.940	0.220	0.165	0.281	3	Steam Oxide
30100408	●	No. 8 - 36 UNF STI	H2	2.382	0.440	0.940	0.220	0.165	0.281	3	V
30100501	●	No. 10 - 24 UNC STI	H2	2.500	0.590	1.007	0.255	0.191	0.313	3	Steam Oxide
30100508	●	No. 10 - 24 UNC STI	H2	2.500	0.590	1.007	0.255	0.191	0.313	3	V
30100601	●	No. 10 - 24 UNC STI	H3	2.500	0.590	1.007	0.255	0.191	0.313	3	Steam Oxide
30100608	●	No. 10 - 24 UNC STI	H3	2.500	0.590	1.007	0.255	0.191	0.313	3	V
1713001	●	No. 10 - 32 UNF STI	H2	2.500	0.590	1.007	0.255	0.191	0.313	3	Steam Oxide
1713008	●	No. 10 - 32 UNF STI	H2	2.500	0.590	1.007	0.255	0.191	0.313	3	V
1713101	●	No. 10 - 32 UNF STI	H3	2.500	0.590	1.007	0.255	0.191	0.313	3	Steam Oxide
1713108	●	No. 10 - 32 UNF STI	H3	2.500	0.590	1.007	0.255	0.191	0.313	3	V
30100701	●	1/4 - 20 UNC STI	H2	2.720	0.708	1.133	0.318	0.238	0.375	3	Steam Oxide
30100708	●	1/4 - 20 UNC STI	H2	2.720	0.708	1.133	0.318	0.238	0.375	3	V
30100801	●	1/4 - 20 UNC STI	H3	2.720	0.708	1.133	0.318	0.238	0.375	3	Steam Oxide
30100808	●	1/4 - 20 UNC STI	H3	2.720	0.708	1.133	0.318	0.238	0.375	3	V
1713201	●	1/4 - 28 UNF STI	H2	2.720	0.708	1.133	0.318	0.238	0.375	3	Steam Oxide
1713208	●	1/4 - 28 UNF STI	H2	2.720	0.708	1.133	0.318	0.238	0.375	3	V
1713301	●	1/4 - 28 UNF STI	H3	2.720	0.708	1.133	0.318	0.238	0.375	3	Steam Oxide
1713308	●	1/4 - 28 UNF STI	H3	2.720	0.708	1.133	0.318	0.238	0.375	3	V
30100901	●	5/16 - 18 UNC STI	H3	2.941	0.791	1.263	0.381	0.286	0.438	3	Steam Oxide
30100908	●	5/16 - 18 UNC STI	H3	2.941	0.791	1.263	0.381	0.286	0.438	3	V
30101101	●	5/16 - 18 UNC STI	H4	2.941	0.791	1.263	0.381	0.286	0.438	3	Steam Oxide
30101108	●	5/16 - 18 UNC STI	H4	2.941	0.791	1.263	0.381	0.286	0.438	3	V
30101201	●	5/16 - 24 UNF STI	H2	2.941	0.791	1.263	0.381	0.286	0.438	3	Steam Oxide
30101208	●	5/16 - 24 UNF STI	H2	2.941	0.791	1.263	0.381	0.286	0.438	3	V
1713401	●	5/16 - 24 UNF STI	H3	2.941	0.791	1.263	0.381	0.286	0.438	3	Steam Oxide
1713408	●	5/16 - 24 UNF STI	H3	2.941	0.791	1.263	0.381	0.286	0.438	3	V
30101301	●	3/8 - 16 UNC STI	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
30101308	●	3/8 - 16 UNC STI	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	V
30101401	●	3/8 - 16 UNC STI	H4	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
30101408	●	3/8 - 16 UNC STI	H4	3.374	0.921	1.354	0.367	0.275	0.438	3	V
30101501	●	3/8 - 24 UNF STI	H2	3.157	0.858	1.291	0.323	0.242	0.406	3	Steam Oxide
30101508	●	3/8 - 24 UNF STI	H2	3.157	0.858	1.291	0.323	0.242	0.406	3	V
30101601	●	3/8 - 24 UNF STI	H3	3.157	0.858	1.291	0.323	0.242	0.406	3	Steam Oxide
30101608	●	3/8 - 24 UNF STI	H3	3.157	0.858	1.291	0.323	0.242	0.406	3	V
30101701	●	7/16 - 14 UNC STI	H3	3.594	1.000	1.472	0.429	0.322	0.500	3	Steam Oxide

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





List 301 (Continued)

EXOTAP® VA-3 POT STI

SPIRAL POINT	HSSE	S/O	V	C/4P	0°	STI	PACKED 1 PIECE
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EDP	Thread Size	Thread Limit	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)			
30101708	●	7/16 - 14 UNC STI	H3	3.594	1.000	1.472	0.429	0.322	0.500	3	V
30101801	●	7/16 - 14 UNC STI	H4	3.594	1.000	1.472	0.429	0.322	0.500	3	Steam Oxide
30101808	●	7/16 - 14 UNC STI	H4	3.594	1.000	1.472	0.429	0.322	0.500	3	V
30101901	●	7/16 - 20 UNF STI	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
30101908	●	7/16 - 20 UNF STI	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	V
30102101	●	7/16 - 20 UNF STI	H4	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
30102108	●	7/16 - 20 UNF STI	H4	3.374	0.921	1.354	0.367	0.275	0.438	3	V
30102201	●	1/2 - 13 UNC STI	H3	3.811	1.090	1.562	0.480	0.360	0.563	3	Steam Oxide
30102208	●	1/2 - 13 UNC STI	H3	3.811	1.090	1.562	0.480	0.360	0.563	3	V
30102301	●	1/2 - 13 UNC STI	H4	3.811	1.090	1.562	0.480	0.360	0.563	3	Steam Oxide
30102308	●	1/2 - 13 UNC STI	H4	3.811	1.090	1.562	0.480	0.360	0.563	3	V
30102401	●	1/2 - 20 UNF STI	H3	3.594	1.000	1.472	0.429	0.322	0.500	3	Steam Oxide
30102408	●	1/2 - 20 UNF STI	H3	3.594	1.000	1.472	0.429	0.322	0.500	3	V
30102501	●	1/2 - 20 UNF STI	H4	3.594	1.000	1.472	0.429	0.322	0.500	3	Steam Oxide
30102508	●	1/2 - 20 UNF STI	H4	3.594	1.000	1.472	0.429	0.322	0.500	3	V
30102601	●	9/16 - 12 UNC STI	H3	4.031	1.200	1.712	0.542	0.406	0.625	3	Steam Oxide
30102608	●	9/16 - 12 UNC STI	H3	4.031	1.200	1.712	0.542	0.406	0.625	3	V
30102701	●	9/16 - 12 UNC STI	H4	4.031	1.200	1.712	0.542	0.406	0.625	3	Steam Oxide
30102708	●	9/16 - 12 UNC STI	H4	4.031	1.200	1.712	0.542	0.406	0.625	3	V
30102801	●	9/16 - 18 UNF STI	H3	3.811	1.090	1.562	0.480	0.360	0.563	3	Steam Oxide
30102808	●	9/16 - 18 UNF STI	H3	3.811	1.090	1.562	0.480	0.360	0.563	3	V
30102901	●	9/16 - 18 UNF STI	H4	3.811	1.090	1.562	0.480	0.360	0.563	3	Steam Oxide
30102908	●	9/16 - 18 UNF STI	H4	3.811	1.090	1.562	0.480	0.360	0.563	3	V
30103101	●	5/8 - 11 UNC STI	H3	4.252	1.200	1.712	0.590	0.442	0.688	3	Steam Oxide
30103108	●	5/8 - 11 UNC STI	H3	4.252	1.200	1.712	0.590	0.442	0.688	3	V
30103201	●	5/8 - 11 UNC STI	H4	4.252	1.200	1.712	0.590	0.442	0.688	3	Steam Oxide
30103208	●	5/8 - 11 UNC STI	H4	4.252	1.200	1.712	0.590	0.442	0.688	3	V
30103301	●	5/8 - 18 UNF STI	H3	4.031	1.200	1.712	0.542	0.406	0.625	3	Steam Oxide
30103308	●	5/8 - 18 UNF STI	H3	4.031	1.200	1.712	0.542	0.406	0.625	3	V
30103401	●	5/8 - 18 UNF STI	H4	4.031	1.200	1.712	0.542	0.406	0.625	3	Steam Oxide
30103408	●	5/8 - 18 UNF STI	H4	4.031	1.200	1.712	0.542	0.406	0.625	3	V
30103501	●	3/4 - 10 UNC STI	H3	4.689	1.334	1.885	0.697	0.523	0.750	3	Steam Oxide
30103508	●	3/4 - 10 UNC STI	H3	4.689	1.334	1.885	0.697	0.523	0.750	3	V
30103601	●	3/4 - 10 UNC STI	H5	4.689	1.334	1.885	0.697	0.523	0.750	3	Steam Oxide
30103608	●	3/4 - 10 UNC STI	H5	4.689	1.334	1.885	0.697	0.523	0.750	3	V
30103701	●	3/4 - 16 UNF STI	H3	4.469	1.334	1.885	0.652	0.489	0.688	3	Steam Oxide
30103708	●	3/4 - 16 UNF STI	H3	4.469	1.334	1.885	0.652	0.489	0.688	3	V
30103801	●	3/4 - 16 UNF STI	H4	4.469	1.334	1.885	0.652	0.489	0.688	3	Steam Oxide
30103808	●	3/4 - 16 UNF STI	H4	4.469	1.334	1.885	0.652	0.489	0.688	3	V
30103901	●	7/8 - 9 UNC STI	H3	5.126	1.500	2.090	0.800	0.600	0.813	3	Steam Oxide
30103908	●	7/8 - 9 UNC STI	H3	5.126	1.500	2.090	0.800	0.600	0.813	3	V
30104101	●	7/8 - 9 UNC STI	H5	5.126	1.500	2.090	0.800	0.600	0.813	3	Steam Oxide
30104108	●	7/8 - 9 UNC STI	H5	5.126	1.500	2.090	0.800	0.600	0.813	3	V
30104201	●	7/8 - 14 UNF STI	H3	5.126	1.500	2.090	0.800	0.600	0.813	3	Steam Oxide
30104208	●	7/8 - 14 UNF STI	H3	5.126	1.500	2.090	0.800	0.600	0.813	3	V
30104301	●	7/8 - 14 UNF STI	H4	5.126	1.500	2.090	0.800	0.600	0.813	3	Steam Oxide
30104308	●	7/8 - 14 UNF STI	H4	5.126	1.500	2.090	0.800	0.600	0.813	3	V
30104401	●	1 - 8 UNC STI	H4	5.752	1.712	2.381	1.021	0.766	1.000	3	Steam Oxide

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

EXT

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	45-50 HRC	50-70 HRC
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

INDEX

List 301 (Continued)

EXOTAP® VA-3 POT STI

SPIRAL POINT	HSSE	S/O	V	C/4P	0°	STI	PACKED 1 PIECE
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EDP	Thread Size	Thread Limit	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)		
30104408	1 - 8 UNC STI	H4	5.752	1.712	2.381	1.021	0.766	1.000	3	V
30104501	1 - 8 UNC STI	H6	5.752	1.712	2.381	1.021	0.766	1.000	3	Steam Oxide
30104508	1 - 8 UNC STI	H6	5.752	1.712	2.381	1.021	0.766	1.000	3	V
30104601	1 - 12 UNF STI	H4	5.437	1.712	2.303	0.896	0.672	0.875	3	Steam Oxide
30104608	1 - 12 UNF STI	H4	5.437	1.712	2.303	0.896	0.672	0.875	3	V
30104701	1 - 12 UNF STI	H6	5.437	1.712	2.303	0.896	0.672	0.875	3	Steam Oxide
30104708	1 - 12 UNF STI	H6	5.437	1.712	2.303	0.896	0.672	0.875	3	V

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

EXT

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	7075				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										
○	○	○			○	○	○										
25-80 SFM	20-50 SFM	20-45 SFM			20-45 SFM	20-45 SFM	8-20 SFM										

○ Good ○ Best

