



List 312Ni

EXOTAP® VC-10 Ni-POT

SPIRAL POINT	VC10	S/O	V	C/SP	0°	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)		
1772201	● No. 2 - 56 UNC	H2	1.752	0.472	-	0.141	0.110	0.188	2	Steam Oxide
1776201	● No. 4 - 40 UNC	H2	1.874	0.606	-	0.141	0.110	0.188	3	Steam Oxide
1776208	● No. 4 - 40 UNC	H2	1.874	0.606	-	0.141	0.110	0.188	3	V
1776301	● No. 4 - 40 UNC	H3	1.874	0.606	-	0.141	0.110	0.188	3	Steam Oxide
1772001	● No. 4 - 40 UNC	H4	1.874	0.606	-	0.141	0.110	0.188	2	Steam Oxide
1772101	● No. 4 - 48 UNF	H2	1.874	0.606	-	0.141	0.110	0.188	2	Steam Oxide
1771501	● No. 6 - 32 UNC	H2	2.000	0.744	-	0.141	0.110	0.188	3	Steam Oxide
1706301	● No. 6 - 32 UNC	H3	2.000	0.744	-	0.141	0.110	0.188	3	Steam Oxide
1706308	● No. 6 - 32 UNC	H3	2.000	0.744	-	0.141	0.110	0.188	3	V
1706401	● No. 6 - 32 UNC	H5	2.000	0.744	-	0.141	0.110	0.188	3	Steam Oxide
1771601	● No. 6 - 32 UNC	H7	2.000	0.744	-	0.141	0.110	0.188	3	Steam Oxide
1706501	● No. 8 - 32 UNC	H3	2.126	0.822	-	0.168	0.131	0.250	3	Steam Oxide
1706508	● No. 8 - 32 UNC	H3	2.126	0.822	-	0.168	0.131	0.250	3	V
1771701	● No. 8 - 32 UNC	H4	2.126	0.822	-	0.168	0.131	0.250	3	Steam Oxide
1706601	● No. 8 - 32 UNC	H5	2.126	0.822	-	0.168	0.131	0.250	3	Steam Oxide
1706701	● No. 10 - 24 UNC	H3	2.374	0.948	-	0.194	0.152	0.250	3	Steam Oxide
1706708	● No. 10 - 24 UNC	H3	2.374	0.948	-	0.194	0.152	0.250	3	V
1706801	● No. 10 - 24 UNC	H5	2.374	0.948	-	0.194	0.152	0.250	3	Steam Oxide
1771801	● No. 10 - 32 UNF	H2	2.374	0.948	-	0.194	0.152	0.250	3	Steam Oxide
1706901	● No. 10 - 32 UNF	H3	2.374	0.948	-	0.194	0.152	0.250	3	Steam Oxide
1706908	● No. 10 - 32 UNF	H3	2.374	0.948	-	0.194	0.152	0.250	3	V
1771901	● No. 10 - 32 UNF	H4	2.374	0.948	-	0.194	0.152	0.250	3	Steam Oxide
1707001	● No. 10 - 32 UNF	H5	2.374	0.948	-	0.194	0.152	0.250	3	Steam Oxide
1707101	● 1/4 - 20 UNC	H3	2.500	1.102	-	0.255	0.191	0.313	3	Steam Oxide
1707108	● 1/4 - 20 UNC	H3	2.500	1.102	-	0.255	0.191	0.313	3	V
1707201	● 1/4 - 20 UNC	H5	2.500	1.102	-	0.255	0.191	0.313	3	Steam Oxide
1772301	● 1/4 - 20 UNC	H7	2.500	1.102	-	0.255	0.191	0.313	3	Steam Oxide
1707301	● 1/4 - 28 UNF	H3	2.500	1.102	-	0.255	0.191	0.313	3	Steam Oxide
1707308	● 1/4 - 28 UNF	H3	2.500	1.102	-	0.255	0.191	0.313	3	V
1772401	● 1/4 - 28 UNF	H4	2.500	1.102	-	0.255	0.191	0.313	3	Steam Oxide
1707401	● 1/4 - 28 UNF	H5	2.500	1.102	-	0.255	0.191	0.313	3	Steam Oxide
1707501	● 5/16 - 18 UNC	H3	2.720	0.799	1.259	0.318	0.238	0.375	3	Steam Oxide
1707508	● 5/16 - 18 UNC	H3	2.720	0.799	1.259	0.318	0.238	0.375	3	V
1707601	● 5/16 - 18 UNC	H5	2.720	0.799	1.259	0.318	0.238	0.375	3	Steam Oxide
1707701	● 5/16 - 24 UNF	H3	2.720	0.799	1.259	0.318	0.238	0.375	3	Steam Oxide
1707708	● 5/16 - 24 UNF	H3	2.720	0.799	1.259	0.318	0.238	0.375	3	V
1707801	● 5/16 - 24 UNF	H5	2.720	0.799	1.259	0.318	0.238	0.375	3	Steam Oxide
1707901	● 3/8 - 16 UNC	H3	2.937	0.917	1.417	0.381	0.286	0.438	3	Steam Oxide
1707908	● 3/8 - 16 UNC	H3	2.937	0.917	1.417	0.381	0.286	0.438	3	V
1708001	● 3/8 - 16 UNC	H5	2.937	0.917	1.417	0.381	0.286	0.438	3	Steam Oxide
1708101	● 3/8 - 24 UNF	H3	2.937	0.917	1.417	0.381	0.286	0.438	3	Steam Oxide
1708108	● 3/8 - 24 UNF	H3	2.937	0.917	1.417	0.381	0.286	0.438	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							
Low	Medium	High							6061	7075			Castings	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
1010	1035	1065	4140																
1018	1045		4340																

○ Good ⊗ Best





EXOTAP® VC-10 Ni

Taps Designed for Nickel Based Alloys

ABOUT OSG

DRILLING

THREADING

MILLING

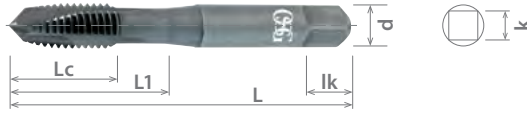
HOLDERS

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SPIRAL POINT	VC10	S/O	V	C/SP	0°	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)			
1708201	●	3/8 - 24 UNF	H5	2.937	0.917	1.417	0.381	0.286	0.438	3	Steam Oxide
1708301	●	7/16 - 14 UNC	H3	3.157	0.858	1.291	0.323	0.242	0.406	3	Steam Oxide
1708401	●	7/16 - 14 UNC	H5	3.157	0.858	1.291	0.323	0.242	0.406	3	Steam Oxide
1708501	●	7/16 - 20 UNF	H3	3.157	0.858	1.291	0.323	0.242	0.406	3	Steam Oxide
1708508	●	7/16 - 20 UNF	H3	3.157	0.858	1.291	0.323	0.242	0.406	3	V
1708601	●	7/16 - 20 UNF	H5	3.157	0.858	1.291	0.323	0.242	0.406	3	Steam Oxide
1708701	●	1/2 - 13 UNC	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
1708708	●	1/2 - 13 UNC	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	V
1708801	●	1/2 - 13 UNC	H5	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
1708901	●	1/2 - 20 UNF	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
1708908	●	1/2 - 20 UNF	H3	3.374	0.921	1.354	0.367	0.275	0.438	3	V
1709001	●	1/2 - 20 UNF	H5	3.374	0.921	1.354	0.367	0.275	0.438	3	Steam Oxide
1717201	●	9/16 - 18 UNF	H3	3.594	1.000	1.472	0.429	0.322	0.500	3	Steam Oxide
1717301	●	9/16 - 18 UNF	H5	3.594	1.000	1.472	0.429	0.322	0.500	3	Steam Oxide
1717401	●	5/8 - 11 UNC	H3	3.811	1.090	1.562	0.480	0.360	0.563	3	Steam Oxide
1717501	●	5/8 - 18 UNF	H3	3.811	1.090	1.562	0.480	0.360	0.563	3	Steam Oxide
1717601	●	5/8 - 18 UNF	H5	3.811	1.090	1.562	0.480	0.360	0.563	3	Steam Oxide
1772501	●	3/4 - 10 UNC	H3	4.252	1.200	1.712	0.590	0.442	0.688	3	Steam Oxide
1717701	●	3/4 - 10 UNC	H5	4.252	1.200	1.712	0.590	0.442	0.688	4	Steam Oxide
1717801	●	3/4 - 16 UNF	H3	4.252	1.200	1.712	0.590	0.442	0.688	4	Steam Oxide
1717901	●	3/4 - 16 UNF	H5	4.252	1.200	1.712	0.590	0.442	0.688	4	Steam Oxide
1718101	●	7/8 - 9 UNC	H3	4.689	1.334	1.885	0.697	0.523	0.750	4	Steam Oxide
1718201	●	7/8 - 9 UNC	H5	4.689	1.334	1.885	0.697	0.523	0.750	4	Steam Oxide
1718301	●	7/8 - 14 UNF	H3	4.689	1.334	1.885	0.697	0.523	0.750	4	Steam Oxide
1718401	●	7/8 - 14 UNF	H5	4.689	1.334	1.885	0.697	0.523	0.750	4	Steam Oxide
1718001	●	1 - 8 UNC	H5	5.126	1.500	2.090	0.800	0.600	0.813	4	Steam Oxide

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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	1045	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
								○				⊗	○	○	○		
								8-20 SFM				8-15 SFM	8-15 SFM	15-35 SFM	10-20 SFM		

○ Good ⊗ Best

