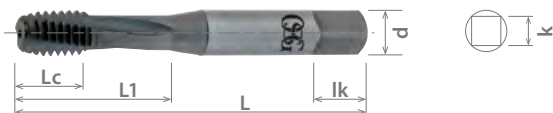




List 313Ni

EXOTAP® VC-10 Ni-SFT

SPIRAL FLUTE	VC10	S/O	V	C/1.5P	C/2.5P	10°	PACKED 1 PIECE
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EDP Number	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)		
1770701	No. 2 - 56 UNC	H2	Modified Bottom (2.5P)	1.750	0.437	-	0.141	0.110	0.188	2	Steam Oxide
1770501	No. 4 - 40 UNC	H2	Bottom (1.5P)	1.875	0.559	-	0.141	0.110	0.188	3	Steam Oxide
1719001	No. 4 - 40 UNC	H2	Modified Bottom (2.5P)	1.875	0.559	-	0.141	0.110	0.188	3	Steam Oxide
1719008	No. 4 - 40 UNC	H2	Modified Bottom (2.5P)	1.875	0.559	-	0.141	0.110	0.188	3	V
1770601	No. 4 - 40 UNC	H3	Bottom (1.5P)	1.875	0.559	-	0.141	0.110	0.188	3	Steam Oxide
1719101	No. 4 - 40 UNC	H3	Modified Bottom (2.5P)	1.875	0.559	-	0.141	0.110	0.188	3	Steam Oxide
0140101	No. 6 - 32 UNC	H2	Bottom (1.5P)	2.000	0.685	-	0.141	0.110	0.188	3	Steam Oxide
1720701	No. 6 - 32 UNC	H2	Modified Bottom (2.5P)	2.000	0.685	-	0.141	0.110	0.188	3	Steam Oxide
1770001	No. 6 - 32 UNC	H3	Bottom (1.5P)	2.000	0.685	-	0.141	0.110	0.188	3	Steam Oxide
1709101	No. 6 - 32 UNC	H3	Modified Bottom (2.5P)	2.000	0.685	-	0.141	0.110	0.188	3	Steam Oxide
1709108	No. 6 - 32 UNC	H3	Modified Bottom (2.5P)	2.000	0.685	-	0.141	0.110	0.188	3	V
1709201	No. 6 - 32 UNC	H5	Modified Bottom (2.5P)	2.000	0.685	-	0.141	0.110	0.188	3	Steam Oxide
1770101	No. 6 - 32 UNC	H7	Modified Bottom (2.5P)	2.000	0.685	-	0.141	0.110	0.188	3	Steam Oxide
0140201	No. 8 - 32 UNC	H2	Bottom (1.5P)	2.125	0.752	-	0.168	0.131	0.250	3	Steam Oxide
1709301	No. 8 - 32 UNC	H3	Modified Bottom (2.5P)	2.125	0.752	-	0.168	0.131	0.250	3	Steam Oxide
1709308	No. 8 - 32 UNC	H3	Modified Bottom (2.5P)	2.125	0.752	-	0.168	0.131	0.250	3	V
1709401	No. 8 - 32 UNC	H5	Modified Bottom (2.5P)	2.125	0.752	-	0.168	0.131	0.250	3	Steam Oxide
1719501	No. 10 - 24 UNC	H3	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
1719508	No. 10 - 24 UNC	H3	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	V
1719601	No. 10 - 24 UNC	H5	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
0140301	No. 10 - 32 UNF	H2	Bottom (1.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
1770201	No. 10 - 32 UNF	H2	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
1770301	No. 10 - 32 UNF	H3	Bottom (1.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
1709501	No. 10 - 32 UNF	H3	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
1709508	No. 10 - 32 UNF	H3	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	V
1770401	No. 10 - 32 UNF	H4	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
1709601	No. 10 - 32 UNF	H5	Modified Bottom (2.5P)	2.375	0.866	-	0.194	0.152	0.250	3	Steam Oxide
0140401	1/4 - 20 UNC	H3	Bottom (1.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
1719701	1/4 - 20 UNC	H3	Modified Bottom (2.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
1719708	1/4 - 20 UNC	H3	Modified Bottom (2.5P)	2.500	0.996	-	0.255	0.191	0.313	3	V
1719801	1/4 - 20 UNC	H5	Modified Bottom (2.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
1771401	1/4 - 20 UNC	H7	Modified Bottom (2.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
0140501	1/4 - 28 UNF	H3	Bottom (1.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
1709701	1/4 - 28 UNF	H3	Modified Bottom (2.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
1709708	1/4 - 28 UNF	H3	Modified Bottom (2.5P)	2.500	0.996	-	0.255	0.191	0.313	3	V
0140601	1/4 - 28 UNF	H4	Bottom (1.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
1709801	1/4 - 28 UNF	H5	Modified Bottom (2.5P)	2.500	0.996	-	0.255	0.191	0.313	3	Steam Oxide
1719901	5/16 - 18 UNC	H3	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	Steam Oxide
1719908	5/16 - 18 UNC	H3	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	V
1720001	5/16 - 18 UNC	H5	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	Steam Oxide
1771201	5/16 - 18 UNC	H7	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	Steam Oxide
0140701	5/16 - 24 UNF	H3	Bottom (1.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	Steam Oxide
1709901	5/16 - 24 UNF	H3	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	Steam Oxide
1709908	5/16 - 24 UNF	H3	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	V
0140801	5/16 - 24 UNF	H4	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	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						
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			○	6061	7075									
1018	1045						○											
							○											
							○											

○ Good ⊙ Best



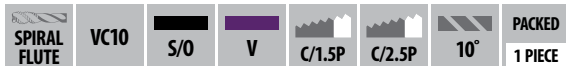


EXOTAP® VC-10 Ni

Taps Designed for Nickel Based Alloys

List 313Ni (Continued)

EXOTAP® VC-10 Ni-SFT



EDP Number	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)		
1710001	5/16 - 24 UNF	H5	Modified Bottom (2.5P)	2.719	0.445	1.126	0.318	0.238	0.375	3	Steam Oxide
1771001	3/8 - 16 UNC	H3	Bottom (1.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1720101	3/8 - 16 UNC	H3	Modified Bottom (2.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1720108	3/8 - 16 UNC	H3	Modified Bottom (2.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1720201	3/8 - 16 UNC	H5	Modified Bottom (2.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1771101	3/8 - 16 UNC	H7	Modified Bottom (2.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
0140901	3/8 - 24 UNF	H3	Bottom (1.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1710101	3/8 - 24 UNF	H3	Modified Bottom (2.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1710108	3/8 - 24 UNF	H3	Modified Bottom (2.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
0141001	3/8 - 24 UNF	H4	Bottom (1.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1710201	3/8 - 24 UNF	H5	Modified Bottom (2.5P)	2.938	0.500	1.252	0.381	0.286	0.438	3	Steam Oxide
1720301	7/16 - 14 UNC	H3	Modified Bottom (2.5P)	3.156	0.571	1.713	0.323	0.242	0.406	3	Steam Oxide
1720401	7/16 - 14 UNC	H5	Modified Bottom (2.5P)	3.156	0.571	1.713	0.323	0.242	0.406	3	Steam Oxide
0141101	7/16 - 20 UNF	H3	Bottom (1.5P)	3.156	0.571	1.713	0.323	0.242	0.406	3	Steam Oxide
1710301	7/16 - 20 UNF	H3	Modified Bottom (2.5P)	3.156	0.571	1.713	0.323	0.242	0.406	3	Steam Oxide
0141201	7/16 - 20 UNF	H5	Bottom (1.5P)	3.156	0.571	1.713	0.323	0.242	0.406	3	Steam Oxide
1710401	7/16 - 20 UNF	H5	Modified Bottom (2.5P)	3.156	0.571	1.713	0.323	0.242	0.406	3	Steam Oxide
1770901	1/2 - 13 UNC	H3	Bottom (1.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
1720501	1/2 - 13 UNC	H3	Modified Bottom (2.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
1720508	1/2 - 13 UNC	H3	Modified Bottom (2.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
1720601	1/2 - 13 UNC	H5	Modified Bottom (2.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
0141301	1/2 - 20 UNF	H3	Bottom (1.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
1710501	1/2 - 20 UNF	H3	Modified Bottom (2.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
1710508	1/2 - 20 UNF	H3	Modified Bottom (2.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
0141401	1/2 - 20 UNF	H5	Bottom (1.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
1710601	1/2 - 20 UNF	H5	Modified Bottom (2.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
1771301	1/2 - 20 UNF	H7	Modified Bottom (2.5P)	3.375	0.614	1.933	0.367	0.275	0.438	3	Steam Oxide
0141501	9/16 - 18 UNF	H3	Bottom (1.5P)	3.594	0.665	1.972	0.429	0.322	0.500	3	Steam Oxide
0141601	9/16 - 18 UNF	H5	Bottom (1.5P)	3.594	0.665	1.972	0.429	0.322	0.500	3	Steam Oxide
1710701	5/8 - 11 UNC	H3	Modified Bottom (2.5P)	3.813	0.728	2.126	0.480	0.360	0.563	4	Steam Oxide
1710801	5/8 - 18 UNF	H3	Modified Bottom (2.5P)	3.813	0.728	2.126	0.480	0.360	0.563	4	Steam Oxide
1710901	5/8 - 18 UNF	H5	Modified Bottom (2.5P)	3.813	0.728	2.126	0.480	0.360	0.563	4	Steam Oxide
1770801	3/4 - 10 UNC	H3	Modified Bottom (2.5P)	4.250	0.799	2.433	0.590	0.442	0.688	4	Steam Oxide
1711001	3/4 - 10 UNC	H5	Modified Bottom (2.5P)	4.250	0.799	2.433	0.590	0.442	0.688	4	Steam Oxide
1711101	3/4 - 16 UNF	H3	Modified Bottom (2.5P)	4.250	0.799	2.433	0.590	0.442	0.688	4	Steam Oxide
1711201	3/4 - 16 UNF	H5	Modified Bottom (2.5P)	4.250	0.799	2.433	0.590	0.442	0.688	4	Steam Oxide
1711401	7/8 - 9 UNC	H3	Modified Bottom (2.5P)	4.688	0.890	2.654	0.697	0.523	0.750	4	Steam Oxide
1711501	7/8 - 9 UNC	H5	Modified Bottom (2.5P)	4.688	0.890	2.654	0.697	0.523	0.750	4	Steam Oxide
1711601	7/8 - 14 UNF	H3	Modified Bottom (2.5P)	4.688	0.890	2.654	0.697	0.523	0.750	4	Steam Oxide
1711701	7/8 - 14 UNF	H5	Modified Bottom (2.5P)	4.688	0.890	2.654	0.697	0.523	0.750	4	Steam Oxide
1711301	1 - 8 UNC	H5	Modified Bottom (2.5P)	5.125	1.000	3.012	0.800	0.600	0.813	3	Steam Oxide

● 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	300	400	17-4 PH		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															
1018	1045																		

○ Good ⊙ Best

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