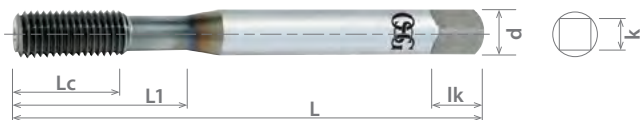




List 14050

EXOTAP® VP-NRT

FORMING	VC10	V	C/1.5P	C/2.5P	PACKED 1 PIECE
---------	------	---	--------	--------	-------------------



EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Tap Drill Size	
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	Min (Inch)	Max (Inch)
1405000008	● No. 0 - 80 UNF	H2	Bottom (1.5P)	1.625	0.317	0.357	0.141	0.110	0.188	0.054	0.055
1405000208	● No. 0 - 80 UNF	H2	Modified Bottom (2.5P)	1.625	0.317	0.357	0.141	0.110	0.188	0.054	0.055
1405000108	● No. 0 - 80 UNF	H3	Bottom (1.5P)	1.625	0.317	0.357	0.141	0.110	0.188	0.054	0.055
1405000308	● No. 0 - 80 UNF	H3	Modified Bottom (2.5P)	1.625	0.317	0.357	0.141	0.110	0.188	0.054	0.055
1405000408	● No. 1 - 64 UNC	H2	Bottom (1.5P)	1.688	0.374	0.413	0.141	0.110	0.188	0.065	0.067
1405000608	● No. 1 - 64 UNC	H2	Modified Bottom (2.5P)	1.688	0.374	0.413	0.141	0.110	0.188	0.065	0.067
1405000508	● No. 1 - 64 UNC	H3	Bottom (1.5P)	1.688	0.374	0.413	0.141	0.110	0.188	0.065	0.067
1405000708	● No. 1 - 64 UNC	H3	Modified Bottom (2.5P)	1.688	0.374	0.413	0.141	0.110	0.188	0.065	0.067
1405000808	● No. 2 - 56 UNC	H2	Bottom (1.5P)	1.750	0.437	0.476	0.141	0.110	0.188	0.077	0.079
1405001108	● No. 2 - 56 UNC	H2	Modified Bottom (2.5P)	1.750	0.437	0.476	0.141	0.110	0.188	0.077	0.079
1405000908	● No. 2 - 56 UNC	H3	Bottom (1.5P)	1.750	0.437	0.476	0.141	0.110	0.188	0.077	0.079
1405001208	● No. 2 - 56 UNC	H3	Modified Bottom (2.5P)	1.750	0.437	0.476	0.141	0.110	0.188	0.077	0.079
1405001008	● No. 2 - 56 UNC	H4	Bottom (1.5P)	1.750	0.437	0.476	0.141	0.110	0.188	0.077	0.079
1405001308	● No. 2 - 56 UNC	H4	Modified Bottom (2.5P)	1.750	0.437	0.476	0.141	0.110	0.188	0.077	0.079
1405001408	● No. 3 - 48 UNC	H2	Bottom (1.5P)	1.813	0.496	0.535	0.141	0.110	0.188	0.088	0.091
1405001708	● No. 3 - 48 UNC	H2	Modified Bottom (2.5P)	1.813	0.496	0.535	0.141	0.110	0.188	0.088	0.091
1405001508	● No. 3 - 48 UNC	H3	Bottom (1.5P)	1.813	0.496	0.535	0.141	0.110	0.188	0.088	0.091
1405001808	● No. 3 - 48 UNC	H3	Modified Bottom (2.5P)	1.813	0.496	0.535	0.141	0.110	0.188	0.088	0.091
1405001608	● No. 3 - 48 UNC	H4	Bottom (1.5P)	1.813	0.496	0.535	0.141	0.110	0.188	0.088	0.091
1405001908	● No. 3 - 48 UNC	H4	Modified Bottom (2.5P)	1.813	0.496	0.535	0.141	0.110	0.188	0.088	0.091
1405002008	● No. 4 - 40 UNC	H3	Bottom (1.5P)	1.875	0.295	0.559	0.141	0.110	0.188	0.099	0.102
1405002308	● No. 4 - 40 UNC	H3	Modified Bottom (2.5P)	1.875	0.295	0.559	0.141	0.110	0.188	0.099	0.102
1405002108	● No. 4 - 40 UNC	H4	Bottom (1.5P)	1.875	0.295	0.559	0.141	0.110	0.188	0.099	0.102
1405002408	● No. 4 - 40 UNC	H4	Modified Bottom (2.5P)	1.875	0.295	0.559	0.141	0.110	0.188	0.099	0.102
1405002208	● No. 4 - 40 UNC	H5	Bottom (1.5P)	1.875	0.295	0.559	0.141	0.110	0.188	0.099	0.102
1405002508	● No. 4 - 40 UNC	H5	Modified Bottom (2.5P)	1.875	0.295	0.559	0.141	0.110	0.188	0.099	0.102
1405002608	● No. 5 - 40 UNC	H3	Bottom (1.5P)	1.938	0.299	0.626	0.141	0.110	0.188	0.112	0.115
1405002908	● No. 5 - 40 UNC	H3	Modified Bottom (2.5P)	1.938	0.299	0.626	0.141	0.110	0.188	0.112	0.115
1405002708	● No. 5 - 40 UNC	H4	Bottom (1.5P)	1.938	0.299	0.626	0.141	0.110	0.188	0.112	0.115
1405003008	● No. 5 - 40 UNC	H4	Modified Bottom (2.5P)	1.938	0.299	0.626	0.141	0.110	0.188	0.112	0.115
1405002808	● No. 5 - 40 UNC	H5	Bottom (1.5P)	1.938	0.299	0.626	0.141	0.110	0.188	0.112	0.115
1405003108	● No. 5 - 40 UNC	H5	Modified Bottom (2.5P)	1.938	0.299	0.626	0.141	0.110	0.188	0.112	0.115
1405003208	● No. 6 - 32 UNC	H3	Bottom (1.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405003608	● No. 6 - 32 UNC	H3	Modified Bottom (2.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405003308	● No. 6 - 32 UNC	H4	Bottom (1.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405003708	● No. 6 - 32 UNC	H4	Modified Bottom (2.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405003408	● No. 6 - 32 UNC	H5	Bottom (1.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405003808	● No. 6 - 32 UNC	H5	Modified Bottom (2.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405003508	● No. 6 - 32 UNC	H6	Bottom (1.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405003908	● No. 6 - 32 UNC	H6	Modified Bottom (2.5P)	2.000	0.370	0.685	0.141	0.110	0.188	0.122	0.125
1405004008	● No. 8 - 32 UNC	H3	Bottom (1.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004408	● No. 8 - 32 UNC	H3	Modified Bottom (2.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004108	● No. 8 - 32 UNC	H4	Bottom (1.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004508	● No. 8 - 32 UNC	H4	Modified Bottom (2.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004208	● No. 8 - 32 UNC	H5	Bottom (1.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004608	● No. 8 - 32 UNC	H5	Modified Bottom (2.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004308	● No. 8 - 32 UNC	H6	Bottom (1.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004708	● No. 8 - 32 UNC	H6	Modified Bottom (2.5P)	2.125	0.374	0.752	0.168	0.131	0.250	0.148	0.151
1405004808	● No. 10 - 24 UNC	H3	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173
1405005208	● No. 10 - 24 UNC	H3	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173
1405004908	● No. 10 - 24 UNC	H4	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173
1405005308	● No. 10 - 24 UNC	H4	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173

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



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX



List 14050 (Continued)

EXOTAP® VP-NRT

FORMING VC10 V C/1.5P C/2.5P PACKED 1 PIECE

EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Tap Drill Size	
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	Min (Inch)	Max (Inch)
1405005008	● No. 10 - 24 UNC	H5	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173
1405005408	● No. 10 - 24 UNC	H5	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173
1405005108	● No. 10 - 24 UNC	H6	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173
1405005508	● No. 10 - 24 UNC	H6	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.169	0.173
1405005608	● No. 10 - 32 UNF	H3	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405006008	● No. 10 - 32 UNF	H3	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405005708	● No. 10 - 32 UNF	H4	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405006108	● No. 10 - 32 UNF	H4	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405005808	● No. 10 - 32 UNF	H5	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405006208	● No. 10 - 32 UNF	H5	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405005908	● No. 10 - 32 UNF	H6	Bottom (1.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405006308	● No. 10 - 32 UNF	H6	Modified Bottom (2.5P)	2.375	0.492	0.866	0.194	0.152	0.250	0.174	0.177
1405006408	● No. 12 - 24 UNC	H5	Bottom (1.5P)	2.375	0.496	0.933	0.220	0.165	0.281	0.195	0.199
1405006608	● No. 12 - 24 UNC	H5	Modified Bottom (2.5P)	2.375	0.496	0.933	0.220	0.165	0.281	0.195	0.199
1405006508	● No. 12 - 24 UNC	H7	Bottom (1.5P)	2.375	0.496	0.933	0.220	0.165	0.281	0.195	0.199
1405006708	● No. 12 - 24 UNC	H7	Modified Bottom (2.5P)	2.375	0.496	0.933	0.220	0.165	0.281	0.195	0.199
1405006808	● 1/4 - 20 UNC	H5	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405007208	● 1/4 - 20 UNC	H5	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405006908	● 1/4 - 20 UNC	H6	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405007308	● 1/4 - 20 UNC	H6	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405007008	● 1/4 - 20 UNC	H7	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405007408	● 1/4 - 20 UNC	H7	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405007108	● 1/4 - 20 UNC	H8	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405007508	● 1/4 - 20 UNC	H8	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.225	0.230
1405007608	● 1/4 - 28 UNF	H4	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405008008	● 1/4 - 28 UNF	H4	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405007708	● 1/4 - 28 UNF	H5	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405008108	● 1/4 - 28 UNF	H5	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405007808	● 1/4 - 28 UNF	H6	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405008208	● 1/4 - 28 UNF	H6	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405007908	● 1/4 - 28 UNF	H7	Bottom (1.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405008308	● 1/4 - 28 UNF	H7	Modified Bottom (2.5P)	2.500	0.594	0.996	0.255	0.191	0.313	0.232	0.235
1405008408	● 5/16 - 18 UNC	H5	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405008908	● 5/16 - 18 UNC	H5	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405008508	● 5/16 - 18 UNC	H6	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405009008	● 5/16 - 18 UNC	H6	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405008608	● 5/16 - 18 UNC	H7	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405009108	● 5/16 - 18 UNC	H7	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405008708	● 5/16 - 18 UNC	H8	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405009208	● 5/16 - 18 UNC	H8	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405008808	● 5/16 - 18 UNC	H9	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405009308	● 5/16 - 18 UNC	H9	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.284	0.290
1405009408	● 5/16 - 24 UNF	H4	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405009908	● 5/16 - 24 UNF	H4	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405009508	● 5/16 - 24 UNF	H5	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405010008	● 5/16 - 24 UNF	H5	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405009608	● 5/16 - 24 UNF	H6	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296

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

EXT

CONTINUED

P Steel					M Stainless Steel			K Cast Iron	N Non-Ferrous		S HRSA		H Hardened Steel					
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium						
Low	Medium	High							6061	Casting							6Al4V (30 HRC)	~35 HRC
1010	1035	1065	4140		300	400	17-4 PH		7075									
1018	1045		4340								Inconel							
○	○	○	○	○	○	○	○		○	○			○					
35-130 SFM	20-50 SFM	15-30 SFM	15-30SFM	15-20 SFM	15-50 SFM	15-50 SFM	15-40 SFM		65-150 SFM	65-130 SFM			10-15 SFM					

○ Good ○ Best



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

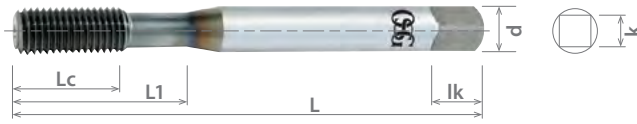
INDEX



List 14050 (Continued)

EXOTAP® VP-NRT

FORMING	VC10	V	C/1.5P	C/2.5P	PACKED 1 PIECE
---------	------	---	--------	--------	-------------------



EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Tap Drill Size	
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	Min (Inch)	Max (Inch)
1405010108	5/16 - 24 UNF	H6	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405009708	5/16 - 24 UNF	H7	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405010208	5/16 - 24 UNF	H7	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405009808	5/16 - 24 UNF	H8	Bottom (1.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405010308	5/16 - 24 UNF	H8	Modified Bottom (2.5P)	2.719	0.665	1.126	0.318	0.238	0.375	0.291	0.296
1405010408	3/8 - 16 UNC	H5	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405010908	3/8 - 16 UNC	H5	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405010508	3/8 - 16 UNC	H6	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405011008	3/8 - 16 UNC	H6	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405010608	3/8 - 16 UNC	H7	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405011108	3/8 - 16 UNC	H7	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405010708	3/8 - 16 UNC	H8	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405011208	3/8 - 16 UNC	H8	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405010808	3/8 - 16 UNC	H9	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405011308	3/8 - 16 UNC	H9	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.343	0.350
1405011408	3/8 - 24 UNF	H4	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405011908	3/8 - 24 UNF	H4	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405011508	3/8 - 24 UNF	H5	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405012008	3/8 - 24 UNF	H5	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405011608	3/8 - 24 UNF	H6	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405012108	3/8 - 24 UNF	H6	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405011708	3/8 - 24 UNF	H7	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405012208	3/8 - 24 UNF	H7	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405011808	3/8 - 24 UNF	H8	Bottom (1.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358
1405012308	3/8 - 24 UNF	H8	Modified Bottom (2.5P)	2.938	0.752	1.252	0.381	0.286	0.438	0.354	0.358

● 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			300	400	17-4 PH	6061	Casting	Inconel	6Al4V			~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
1010	1035	1065	4140	4340				7075			(30 HRC)						
○	○	○	○	○	○	○	○		○	○			○				
35-130 SFM	20-50 SFM	15-30 SFM	15-30SFM	15-20 SFM	15-50 SFM	15-50 SFM	15-40 SFM		65-150 SFM	65-130 SFM			10-15 SFM				

○ Good ○ Best

