

A Brand A-OIL-XPF

Highly Efficient Multi-Purpose Forming Tap

List 26050

A BRAND A-OIL-XPF, DIN Overall Length



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)
2605014214	1/4-20 UNC	H4	Bottom (1.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.222	0.227
2605014204	1/4-20 UNC	H4	Modified Bottom (2.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.222	0.227
2605014216	1/4-20 UNC	H6	Bottom (1.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.222	0.227
2605014206	1/4-20 UNC	H6	Modified Bottom (2.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.222	0.227
2605014814	1/4-28 UNF	H4	Bottom (1.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.230	0.234
2605014284	1/4-28 UNF	H4	Modified Bottom (2.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.230	0.234
2605056186	1/4-28 UNF	H6	Bottom (1.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.230	0.234
2605014286	1/4-28 UNF	H6	Modified Bottom (2.5P)	3.150	0.500	1.181	0.255	0.191	0.313	0.230	0.234
2605051615	5/16-18 UNC	H5	Bottom (1.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.281	0.288
2605056185	5/16-18 UNC	H5	Modified Bottom (2.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.281	0.288
2605051617	5/16-18 UNC	H7	Bottom (1.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.281	0.288
2605056187	5/16-18 UNC	H7	Modified Bottom (2.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.281	0.288
2605056215	5/16-24 UNF	H5	Bottom (1.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.289	0.294
2605056245	5/16-24 UNF	H5	Modified Bottom (2.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.289	0.294
2605056217	5/16-24 UNF	H7	Bottom (1.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.289	0.294
2605056247	5/16-24 UNF	H7	Modified Bottom (2.5P)	3.543	0.555	1.378	0.318	0.238	0.375	0.289	0.294
2605038115	3/8-16 UNC	H5	Bottom (1.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.339	0.347
2605038165	3/8-16 UNC	H5	Modified Bottom (2.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.339	0.347
2605038117	3/8-16 UNC	H7	Bottom (1.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.339	0.347
2605038167	3/8-16 UNC	H7	Modified Bottom (2.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.339	0.347
2605038215	3/8-24 UNF	H5	Bottom (1.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.351	0.357
2605038245	3/8-24 UNF	H5	Modified Bottom (2.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.351	0.357
2605038217	3/8-24 UNF	H7	Bottom (1.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.351	0.357
2605038247	3/8-24 UNF	H7	Modified Bottom (2.5P)	3.937	0.626	1.575	0.381	0.286	0.438	0.351	0.357
2605076115	7/16-14 UNC	H5	Bottom (1.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.397	0.405
2605076145	7/16-14 UNC	H5	Modified Bottom (2.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.397	0.405
2605076118	7/16-14 UNC	H8	Bottom (1.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.397	0.405
2605076148	7/16-14 UNC	H8	Modified Bottom (2.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.397	0.405
2605076215	7/16-20 UNF	H5	Bottom (1.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.409	0.415
2605076205	7/16-20 UNF	H5	Modified Bottom (2.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.409	0.415
2605076218	7/16-20 UNF	H8	Bottom (1.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.409	0.415
2605076208	7/16-20 UNF	H8	Modified Bottom (2.5P)	3.937	0.713	1.713	0.323	0.242	0.406	0.409	0.415
2605012115	1/2-13 UNC	H5	Bottom (1.5P)	4.331	0.768	1.933	0.367	0.275	0.438	0.457	0.465
2605012135	1/2-13 UNC	H5	Modified Bottom (2.5P)	4.331	0.768	1.933	0.367	0.275	0.438	0.457	0.465
2605012118	1/2-13 UNC	H8	Bottom (1.5P)	4.331	0.768	1.933	0.367	0.275	0.438	0.457	0.465
2605012138	1/2-13 UNC	H8	Modified Bottom (2.5P)	4.331	0.768	1.933	0.367	0.275	0.438	0.457	0.465
2605012215	1/2-20 UNF	H5	Bottom (1.5P)	3.937	0.768	1.933	0.367	0.275	0.438	0.472	0.477
2605012205	1/2-20 UNF	H5	Modified Bottom (2.5P)	3.937	0.768	1.933	0.367	0.275	0.438	0.472	0.477
2605012218	1/2-20 UNF	H8	Bottom (1.5P)	3.937	0.768	1.933	0.367	0.275	0.438	0.472	0.477
2605012208	1/2-20 UNF	H8	Modified Bottom (2.5P)	3.937	0.768	1.933	0.367	0.275	0.438	0.472	0.477
2605091110	9/16-12 UNC	H10	Bottom (1.5P)	4.331	0.835	1.972	0.429	0.322	0.500	0.515	0.525
2605096120	9/16-12 UNC	H10	Modified Bottom (2.5P)	4.331	0.835	1.972	0.429	0.322	0.500	0.515	0.525
2605091117	9/16-12 UNC	H7	Bottom (1.5P)	4.331	0.835	1.972	0.429	0.322	0.500	0.515	0.525
2605096127	9/16-12 UNC	H7	Modified Bottom (2.5P)	4.331	0.835	1.972	0.429	0.322	0.500	0.515	0.525
2605091810	9/16-18 UNF	H10	Bottom (1.5P)	3.937	0.835	1.972	0.429	0.322	0.500	0.531	0.538
2605096180	9/16-18 UNF	H10	Modified Bottom (2.5P)	3.937	0.835	1.972	0.429	0.322	0.500	0.531	0.538
2605091817	9/16-18 UNF	H7	Bottom (1.5P)	3.937	0.835	1.972	0.429	0.322	0.500	0.531	0.538
2605096187	9/16-18 UNF	H7	Modified Bottom (2.5P)	3.937	0.835	1.972	0.429	0.322	0.500	0.531	0.538
2605058150	5/8-11 UNC	H10	Bottom (1.5P)	4.331	0.909	2.126	0.480	0.360	0.563	0.574	0.584
2605058110	5/8-11 UNC	H10	Modified Bottom (2.5P)	4.331	0.909	2.126	0.480	0.360	0.563	0.574	0.584
2605058157	5/8-11 UNC	H7	Bottom (1.5P)	4.331	0.909	2.126	0.480	0.360	0.563	0.574	0.584
2605058117	5/8-11 UNC	H7	Modified Bottom (2.5P)	4.331	0.909	2.126	0.480	0.360	0.563	0.574	0.584
2605058810	5/8-18 UNF	H10	Bottom (1.5P)	3.937	0.909	2.126	0.480	0.360	0.563	0.594	0.600

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



List 26050 (Continued)

A BRAND A-OIL-XPF, DIN Overall Length



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)
2605058180	●	5/8-18 UNF	H10	Modified Bottom (2.5P)	3.937	0.909	2.126	0.480	0.360	0.563	0.594	0.600
2605058817	○	5/8-18 UNF	H7	Bottom (1.5P)	3.937	0.909	2.126	0.480	0.360	0.563	0.594	0.600
2605058187	●	5/8-18 UNF	H7	Modified Bottom (2.5P)	3.937	0.909	2.126	0.480	0.360	0.563	0.594	0.600
2605034110	●	3/4-10 UNC	H10	Bottom (1.5P)	4.921	1.000	2.433	0.590	0.442	0.688	0.693	0.704
2605034100	●	3/4-10 UNC	H10	Modified Bottom (2.5P)	4.921	1.000	2.433	0.590	0.442	0.688	0.693	0.704
2605034117	○	3/4-10 UNC	H7	Bottom (1.5P)	4.921	1.000	2.433	0.590	0.442	0.688	0.693	0.704
2605034107	●	3/4-10 UNC	H7	Modified Bottom (2.5P)	4.921	1.000	2.433	0.590	0.442	0.688	0.693	0.704
2605034610	○	3/4-16 UNF	H10	Bottom (1.5P)	4.331	1.000	2.433	0.590	0.442	0.688	0.714	0.722
2605034160	●	3/4-16 UNF	H10	Modified Bottom (2.5P)	4.331	1.000	2.433	0.590	0.442	0.688	0.714	0.722
2605034617	○	3/4-16 UNF	H7	Bottom (1.5P)	4.331	1.000	2.433	0.590	0.442	0.688	0.714	0.722
2605034167	●	3/4-16 UNF	H7	Modified Bottom (2.5P)	4.331	1.000	2.433	0.590	0.442	0.688	0.714	0.722
2605078911	○	7/8-9 UNC	H11	Bottom (1.5P)	5.512	1.110	2.654	0.697	0.523	0.750	0.812	0.824
2605078901	○	7/8-9 UNC	H11	Modified Bottom (2.5P)	5.512	1.110	2.654	0.697	0.523	0.750	0.812	0.824
2605078918	○	7/8-9 UNC	H8	Bottom (1.5P)	5.512	1.110	2.654	0.697	0.523	0.750	0.812	0.824
2605078908	●	7/8-9 UNC	H8	Modified Bottom (2.5P)	5.512	1.110	2.654	0.697	0.523	0.750	0.812	0.824
2605078111	○	7/8-14 UNF	H11	Bottom (1.5P)	4.921	1.110	2.654	0.697	0.523	0.750	0.835	0.843
2605078141	○	7/8-14 UNF	H11	Modified Bottom (2.5P)	4.921	1.110	2.654	0.697	0.523	0.750	0.835	0.843
2605078118	○	7/8-14 UNF	H8	Bottom (1.5P)	4.921	1.110	2.654	0.697	0.523	0.750	0.835	0.843
2605078148	○	7/8-14 UNF	H8	Modified Bottom (2.5P)	4.921	1.110	2.654	0.697	0.523	0.750	0.835	0.843
2605018111	●	1-8 UNC	H11	Bottom (1.5P)	6.300	1.252	3.012	0.800	0.600	0.813	0.929	0.942
2605001081	○	1-8 UNC	H11	Modified Bottom (2.5P)	6.300	1.252	3.012	0.800	0.600	0.813	0.929	0.942
2605018108	○	1-8 UNC	H8	Bottom (1.5P)	6.300	1.252	3.012	0.800	0.600	0.813	0.929	0.942
2605001088	●	1-8 UNC	H8	Modified Bottom (2.5P)	6.300	1.252	3.012	0.800	0.600	0.813	0.929	0.942
2605011211	○	1-12 UNF	H11	Bottom (1.5P)	5.512	1.252	3.012	0.800	0.600	0.813	0.953	0.962
2605001121	○	1-12 UNF	H11	Modified Bottom (2.5P)	5.512	1.252	3.012	0.800	0.600	0.813	0.953	0.962
2605011218	○	1-12 UNF	H8	Bottom (1.5P)	5.512	1.252	3.012	0.800	0.600	0.813	0.953	0.962
2605001128	○	1-12 UNF	H8	Modified Bottom (2.5P)	5.512	1.252	3.012	0.800	0.600	0.813	0.953	0.962

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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 7075	Casting	Inconel	6Al4V (30 HRC)				
	1010 1018	1035 1045	1065	4140 4340	Die Steel	300	400	17-4 PH						~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
	⊙	⊙	⊙	⊙		○	○	○		⊙	⊙			⊙	○		
2.5P, ≤ 1/2	30-165 SFM	30-165 SFM	30-130 SFM	30-115 SFM	15-100 SFM	15-50 SFM	15-50 SFM	10-30 SFM		65-165 SFM	65-165 SFM			15-100 SFM	8-25 SFM		
2.5P, ≥ 9/16	15-85 SFM	15-85 SFM	15-65 SFM	15-50 SFM	15-50 SFM	15-35 SFM	15-35 SFM	10-25 SFM		30-100 SFM	30-100 SFM			15-50 SFM	8-12 SFM		
1.5P	15-85 SFM	15-85 SFM	15-65 SFM	15-50 SFM	15-50 SFM	15-35 SFM	15-35 SFM	10-25 SFM		30-85 SFM	30-85 SFM			15-50 SFM	8-12 SFM		

1. Speeds given are assuming the use of water-soluble coolant.

2. For stainless steel, please use non-water-soluble coolant or highly lubricated water-soluble coolant.

○ Good ○ Best

