



A Brand AT-1

Advanced Performance One Pass Thread Mill

ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

List 16625

A BRAND AT-1



THREAD MILL

SPEED FEED
789

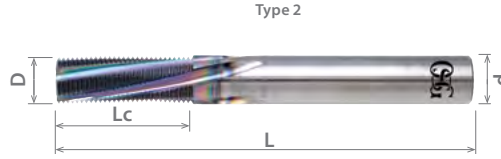
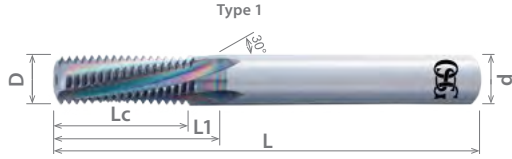
CARBIDE

EgiAs

11°

SHANK
h6

PACKED
1 PIECE



EDP Number	Thread Size	Diameter		Overall Length		Length of Cut		Neck Length		Shank Diameter		Number of Flutes	Type
		D (Inch)	L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)							
1662500217	●	1/4 - 32 UNEF	0.179	3.000	0.563	0.625	0.250	4	1				
1662500017	●	1/4 - 20 UNC	0.179	3.000	0.600	0.700	0.250	4	1				
1662500117	●	1/4 - 28 UNF	0.179	3.000	0.607	0.680	0.250	4	1				
1662500517	●	5/16 - 32 UNEF	0.224	3.000	0.688	0.750	0.250	4	1				
1662500417	●	5/16 - 24 UNC	0.224	3.000	0.750	0.833	0.250	4	1				
1662500317	●	5/16 - 18 UNC	0.224	3.000	0.778	0.889	0.250	4	1				
1662500817	●	3/8 - 32 UNEF	0.264	3.500	0.813	0.875	0.313	4	1				
1662500617	●	3/8 - 16 UNC	0.264	3.500	0.875	1.000	0.313	4	1				
1662500717	●	3/8 - 24 UNF	0.264	3.500	0.875	0.958	0.313	4	1				
1662501117	●	7/16 - 28 UNEF	0.303	3.500	0.964	-	0.313	4	2				
1662501017	●	7/16 - 20 UNF	0.303	3.500	1.000	-	0.313	4	2				
1662500917	●	7/16 - 14 UNC	0.303	3.500	1.071	-	0.313	4	2				
1662501317	●	1/2 - 20 UNF	0.343	3.500	1.100	1.200	0.375	5	1				
1662501417	●	1/2 - 28 UNEF	0.343	3.500	1.107	1.178	0.375	5	1				
1662501217	●	1/2 - 13 UNC	0.343	3.500	1.154	1.308	0.375	5	1				
1662501717	●	9/16 - 24 UNEF	0.382	5.000	1.250	1.333	0.500	5	1				
1662501617	●	9/16 - 18 UNF	0.382	5.000	1.278	1.389	0.500	5	1				
1662501517	●	9/16 - 12 UNC	0.382	5.000	1.333	1.500	0.500	5	1				
1662502017	●	5/8 - 24 UNEF	0.421	5.000	1.374	1.458	0.500	5	1				
1662501917	●	5/8 - 18 UNF	0.421	5.000	1.389	1.500	0.500	5	1				
1662501817	●	5/8 - 11 UNC	0.421	5.000	1.454	1.636	0.500	5	1				
1662502317	●	3/4 - 20 UNEF	0.461	5.000	1.600	1.700	0.500	5	1				
1662502217	●	3/4 - 16 UNF	0.461	5.000	1.626	1.750	0.500	5	1				
1662502117	●	3/4 - 10 UNC	0.461	5.000	1.700	1.900	0.500	5	1				
1662502617	●	7/8 - 20 UNEF	0.539	5.500	1.850	1.950	0.625	5	1				
1662502517	●	7/8 - 14 UNF	0.539	5.500	1.928	2.071	0.625	5	1				
1662502417	●	7/8 - 9 UNC	0.539	5.500	2.000	2.222	0.625	5	1				
1662502917	●	1 - 20 UNEF	0.736	6.000	2.100	2.200	0.750	6	1				
1662502817	●	1 - 12 UNF	0.736	6.000	2.167	2.334	0.750	6	1				
1662502717	●	1 - 8 UNC	0.736	6.000	2.250	2.500	0.750	6	1				

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

Note: For internal threads only.



For more information on thread mill applications, including ThreadPro software, visit: osgtool.com/ThreadPro.



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
1010	1035	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
○	○	○	○		○	○	○	○	○	○			○	○		

○ Good ○ Best

