



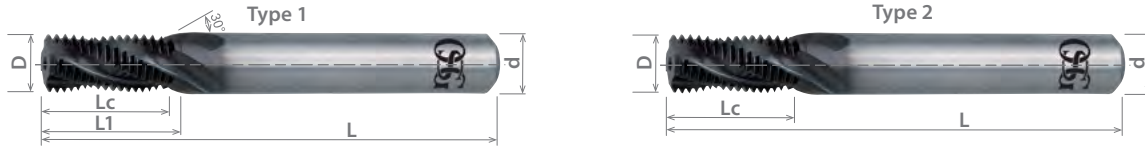
EXOCARB® Thread Mill

Ideal for Steels, Exotics and Difficult to Machine Materials

List 41000

EXOCARB® OT-SFT-PNGT, UNC/UNF/UNEF/UNS

THREAD MILL	SPEED FEED 792	CARBIDE	EXO®	11-30°	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)	L1 (Inch)	d (Inch)						
4100000411	●	No. 10 - 24 UNC	0.130	2.500	0.374	0.437	0.188	3	1					
4100000511	●	No. 10 - 32 UNF	0.130	2.500	0.374	0.437	0.188	3	1					
4100000611	●	No. 12 - 24 UNC	0.160	3.000	0.331	0.374	0.250	3	1					
4100000711	●	No. 12 - 28 UNF	0.160	3.000	0.323	0.358	0.250	3	1					
4100000811	●	1/4 - 20 UNC	0.180	3.000	0.402	0.449	0.250	3	1					
4100003211	●	1/4 - 20 UNC	0.180	3.000	0.551	0.598	0.250	3	1					
4100000911	●	1/4 - 28 UNF	0.180	3.000	0.394	0.429	0.250	3	1					
4100003311	●	1/4 - 28 UNF	0.180	3.000	0.535	0.571	0.250	3	1					
4100002811	●	1/4 - 32 UNEF	0.190	3.000	0.374	0.406	0.250	3	1					
4100001011	●	5/16 - 18 UNC	0.245	3.000	0.500	-	0.250	3	2					
4100003411	●	5/16 - 18 UNC	0.245	3.000	0.720	-	0.250	3	2					
4100001111	●	5/16 - 24 UNF	0.245	3.000	0.500	-	0.250	3	2					
4100003511	●	5/16 - 24 UNF	0.245	3.000	0.752	-	0.250	3	2					
4100002911	●	5/16 - 32 UNEF	0.250	3.000	0.469	-	0.250	3	2					
4100001211	●	3/8 - 16 UNC	0.300	3.000	0.594	-	0.313	3	2					
4100003611	●	3/8 - 16 UNC	0.300	3.000	0.874	-	0.313	3	2					
4100001311	●	3/8 - 24 UNF	0.300	3.000	0.583	-	0.313	3	2					
4100003711	●	3/8 - 24 UNF	0.300	3.000	0.874	-	0.313	3	2					
4100003011	●	3/8 - 32 UNEF	0.310	3.000	0.563	-	0.313	3	2					
4100001411	●	7/16 - 14 UNC	0.350	3.000	0.713	0.783	0.375	3	1					
4100003811	●	7/16 - 14 UNC	0.350	3.000	1.071	1.142	0.375	3	1					
4100001511	●	7/16 - 20 UNF	0.350	3.000	0.701	0.752	0.375	3	1					
4100003911	●	7/16 - 20 UNF	0.350	3.000	1.051	1.098	0.375	3	1					
4100001611	●	1/2 - 13 UNC	0.370	3.000	0.768	-	0.375	4	2					
4100004011	●	1/2 - 13 UNC	0.370	3.000	1.079	-	0.375	4	2					
4100001711	●	1/2 - 20 UNF	0.370	3.000	0.750	-	0.375	4	2					
4100004111	●	1/2 - 20 UNF	0.370	3.000	1.098	-	0.375	4	2					
4100003111	●	1/2 - 32 UNS	0.375	3.000	0.752	-	0.375	4	2					
4100001811	●	9/16 - 12 UNC	0.430	4.000	0.917	1.000	0.500	4	1					
4100004211	●	9/16 - 12 UNC	0.430	4.000	1.335	1.417	0.500	4	1					
4100001911	●	9/16 - 18 UNF	0.450	4.000	0.890	0.945	0.500	4	1					
4100004311	●	9/16 - 18 UNF	0.450	4.000	1.390	1.445	0.500	4	1					
4100002011	●	5/8 - 11 UNC	0.430	4.000	1.000	1.091	0.500	4	1					
4100004411	●	5/8 - 11 UNC	0.430	4.000	1.453	1.547	0.500	4	1					
4100002111	●	5/8 - 18 UNF	0.495	4.000	0.945	-	0.500	4	2					
4100004511	●	5/8 - 18 UNF	0.495	4.000	1.500	-	0.500	4	2					
4100002211	●	3/4 - 10 UNC	0.620	4.000	1.201	-	0.625	4	2					
4100004611	●	3/4 - 10 UNC	0.620	4.000	1.701	-	0.625	4	2					
4100002311	●	3/4 - 16 UNF	0.620	4.000	1.126	-	0.625	4	2					
4100004711	●	3/4 - 16 UNF	0.620	4.500	1.689	-	0.625	4	2					
4100002411	●	7/8 - 9 UNC	0.745	4.000	1.335	-	0.750	4	2					
4100004811	●	7/8 - 9 UNC	0.745	5.000	2.000	-	0.750	4	2					
4100002511	●	7/8 - 14 UNF	0.745	4.000	1.358	-	0.750	4	2					

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

Note: For internal threads only.



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX





List 41000 (Continued)

EXOCARB® OT-SFT-PNGT, UNC/UNF/UNEF/UNS

THREAD MILL	SPEED FEED 792	CARBIDE	EXO	11-30°	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)			
4100004911	●	7/8 - 14 UNF	0.745	5.000	2.000	-	0.750	4	2
4100002611	●	1 - 8 UNC	0.745	4.000	1.626	-	0.750	4	2
4100005011	●	1 - 8 UNC	0.745	5.000	2.000	-	0.750	4	2
4100002711	●	1 - 12 UNF	0.745	4.000	1.583	-	0.750	4	2
4100005111	●	1 - 12 UNF	0.745	5.000	2.000	-	0.750	4	2

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

Note: For internal threads only.



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

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	45-50 HRC	50-70 HRC
1010	1035	1065	4140	4340	300	400	17-4 PH		6061	7075								
○	○	○	○	○	○	○	○	○	○	○	○			○	○			

○ Good ○ Best

