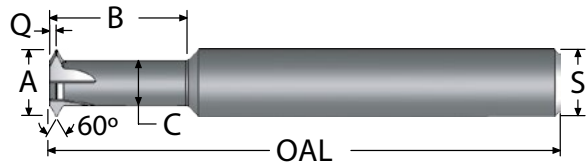


UN THREAD MILLS

SINGLE PROFILE (SPTM) - SOLID CARBIDE



Fine and coarse threads ranging from #00 to 1¼ + can be milled using the 19 varieties of these single profile thread mills.

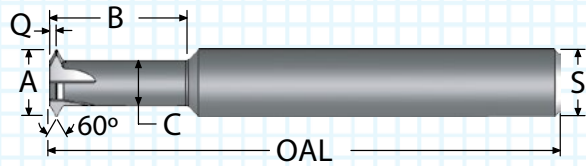
Min ID THREAD*	"A" TOOL DIA.	"B" LENGTH OF CUT	"C" NECK DIA.	"Q" LENGTH	"S" SHANK DIA.	OAL	RECOM- MENDED TPI	FLUTES	ORDER #	
									UNCOATED	ALTin+
									INTERNAL OR EXTERNAL THREADS	
#00	0.032	0.060	0.018	0.005	0.125	1.50	85 to 120	2	SPTM032	SPTM032A
#00	0.032	0.100	0.018	0.005	0.125	1.50	85 to 120	2	SPTM032L	SPTM032LA
#0	0.040	0.090	0.022	0.006	0.125	1.50	72 to 90	2	SPTM040	SPTM040A
#0	0.040	0.109	0.022	0.006	0.125	1.50	72 to 90	2	SPTM040ML	SPTM040MLA
#0	0.040	0.125	0.022	0.006	0.125	1.50	72 to 90	2	SPTM040L	SPTM040LA
#1	0.050	0.100	0.028	0.007	0.125	1.50	64 to 80	3	SPTM050	SPTM050A
#1	0.050	0.125	0.028	0.007	0.125	1.50	64 to 80	3	SPTM050ML	SPTM050MLA
#1	0.050	0.150	0.028	0.007	0.125	1.50	64 to 80	3	SPTM050L	SPTM050LA
#2	0.059	0.125	0.034	0.008	0.125	1.50	56 to 80	3	SPTM059	SPTM059A
#2	0.059	0.165	0.034	0.008	0.125	1.50	56 to 80	3	SPTM059ML	SPTM059MLA
#2	0.059	0.200	0.034	0.008	0.125	1.50	56 to 80	3	SPTM059L	SPTM059LA
#2	0.060	0.125	0.034	0.009	0.1875	2.00	56 to 80	3	SPTM060	SPTM060A
#2	0.060	0.165	0.034	0.009	0.1875	2.00	56 to 80	3	SPTM060ML	SPTM060MLA
#2	0.060	0.200	0.034	0.009	0.1875	2.00	56 to 80	3	SPTM060L	SPTM060LA
#3	0.072	0.150	0.040	0.010	0.1875	2.00	48 to 72	3	SPTM072	SPTM072A
#3	0.072	0.250	0.040	0.010	0.1875	2.00	48 to 72	3	SPTM072L	SPTM072LA
#4	0.080	0.190	0.045	0.011	0.1875	2.00	40 to 64	3	SPTM080	SPTM080A
#4	0.080	0.250	0.045	0.011	0.1875	2.00	40 to 64	3	SPTM080ML	SPTM080MLA
#4	0.080	0.300	0.045	0.011	0.1875	2.00	40 to 64	3	SPTM080L	SPTM080LA
#6	0.098	0.250	0.049	0.015	0.1875	2.00	32 to 64	3	SPTM098	SPTM098A
#6	0.098	0.330	0.049	0.015	0.1875	2.00	32 to 64	3	SPTM098ML	SPTM098MLA
#6	0.098	0.400	0.049	0.015	0.1875	2.00	32 to 64	3	SPTM098L	SPTM098LA
#8	0.120	0.300	0.070	0.016	0.1875	2.00	32 to 56	3	SPTM120	SPTM120A
#8	0.120	0.400	0.070	0.016	0.1875	2.00	32 to 56	3	SPTM120ML	SPTM120MLA
#8	0.120	0.500	0.070	0.016	0.1875	2.00	32 to 56	3	SPTM120L	SPTM120LA
#10	0.138	0.400	0.075	0.020	0.1875	2.00	24 to 56	3	SPTM138	SPTM138A
#10	0.138	0.500	0.075	0.020	0.1875	2.00	24 to 56	3	SPTM138ML	SPTM138MLA
#10	0.138	0.600	0.075	0.020	0.1875	2.00	24 to 56	3	SPTM138L	SPTM138LA
#12	0.160	0.400	0.080	0.025	0.1875	2.00	24 to 56	3	SPTM160	SPTM160A
#12	0.160	0.650	0.080	0.025	0.1875	2.00	24 to 56	3	SPTM160L	SPTM160LA

TPI = Threads Per Inch

*Single profile thread mills can cut any larger size internal thread within the recommended TPI

UN THREAD MILLS

SINGLE PROFILE (SPTM) - SOLID CARBIDE



- Solid carbide provides maximum tool rigidity
- Long reach tools are available from stock
- Cuts UNC, UNF, UNEF, and UNS threads
- Cuts UNJ threads (internal only)

Min ID THREAD*	"A" TOOL DIA.	"B" LENGTH OF CUT	"C" NECK DIA.	"Q" LENGTH	"S" SHANK DIA.	OAL	RECOM- MENDED TPI	FLUTES	ORDER #	
									UNCOATED	ALTiN+
									INTERNAL OR EXTERNAL THREADS	
1/4	0.182	0.400	0.104	0.025	0.250	2.50	18 to 56	4	SPTM182	SPTM182A
1/4	0.182	0.530	0.104	0.025	0.250	2.50	18 to 56	4	SPTM182ML	SPTM182MLA
1/4	0.182	0.650	0.104	0.025	0.250	2.50	18 to 56	4	SPTM182L	SPTM182LA
5/16	0.240	0.500	0.153	0.028	0.250	2.50	16 to 48	4	SPTM240	SPTM240A
5/16	0.240	0.800	0.153	0.028	0.250	2.50	16 to 48	4	SPTM240L	SPTM240LA
3/8	0.290	0.600	0.192	0.031	0.375	3.00	14 to 40	4	SPTM290	SPTM290A
3/8	0.290	1.000	0.192	0.031	0.375	3.00	14 to 40	4	SPTM290L	SPTM290LA
1/2	0.372	0.750	0.240	0.041	0.375	3.00	12 to 32	4	SPTM372	SPTM372A
1/2	0.372	1.200	0.240	0.041	0.375	3.00	12 to 32	4	SPTM372L	SPTM372LA
5/8	0.488	0.850	0.340	0.046	0.500	3.50	11 to 32	5	SPTM488	SPTM488A
5/8	0.488	1.350	0.340	0.046	0.500	3.50	11 to 32	5	SPTM488L	SPTM488LA
3/4	0.595	1.250	0.430	0.051	0.625	4.00	10 to 32	6	SPTM595	SPTM595A
3/4	0.595	2.000	0.430	0.051	0.625	4.00	10 to 32	6	SPTM595L	SPTM595LA
7/8	0.695	1.500	0.490	0.063	0.750	5.00	8 to 24	6	SPTM695	SPTM695A
7/8	0.695	2.500	0.490	0.063	0.750	5.00	8 to 24	6	SPTM695L	SPTM695LA
1¼	0.745	1.500	0.400	0.107	0.750	5.00	4 to 8	6	SPTM745	SPTM745A
1¼	0.745	2.500	0.400	0.107	0.750	5.00	4 to 8	6	SPTM745L	SPTM745LA

TPI = Threads Per Inch

***Single profile thread mills can cut any larger size internal thread within the recommended TPI**