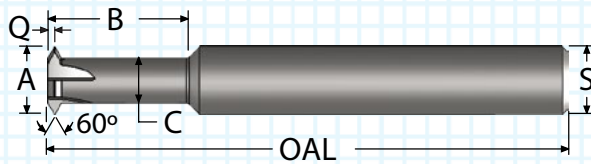


# METRIC THREAD MILLS

## SINGLE PROFILE (SPTM) - SOLID CARBIDE



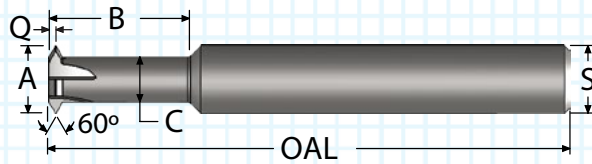
With just 19 varieties of Thread Mills, fine and coarse threads ranging from M1.2 to M30+ can be milled

MIN ID THREAD*	"A" TOOL DIA.	"B" LENGTH OF CUT	"C" NECK DIA.	"Q" LENGTH	"S" SHANK DIA.	OAL	RECOM-MENDED PITCH-MM	FLUTES	ORDER #	
									UNCOATED	ALTiN+
									INTERNAL OR EXTERNAL THREADS	
M1.2	0.032	0.060	0.018	0.005	0.125	1.50	0.20 to 0.25	2	SPTM032	SPTM032A
M1.2	0.032	0.100	0.018	0.005	0.125	1.50	0.20 to 0.25	2	SPTM032L	SPTM032LA
M1.4	0.040	0.090	0.022	0.006	0.125	1.50	0.25 to 0.30	2	SPTM040	SPTM040A
M1.4	0.040	0.109	0.022	0.006	0.125	1.50	0.25 to 0.30	2	SPTM040ML	SPTM040MLA
M1.4	0.040	0.125	0.022	0.006	0.125	1.50	0.25 to 0.30	2	SPTM040L	SPTM040LA
M1.8	0.050	0.100	0.028	0.007	0.125	1.50	0.30 to 0.40	3	SPTM050	SPTM050A
M1.8	0.050	0.125	0.028	0.007	0.125	1.50	0.30 to 0.40	3	SPTM050ML	SPTM050MLA
M1.8	0.050	0.150	0.028	0.007	0.125	1.50	0.30 to 0.40	3	SPTM050L	SPTM050LA
M2.0	0.059	0.125	0.034	0.008	0.125	1.50	0.30 to 0.45	3	SPTM059	SPTM059A
M2.0	0.059	0.165	0.034	0.008	0.125	1.50	0.30 to 0.45	3	SPTM059ML	SPTM059MLA
M2.0	0.059	0.200	0.034	0.008	0.125	1.50	0.30 to 0.45	3	SPTM059L	SPTM059LA
M2.0	0.060	0.125	0.034	0.009	0.1875	2.00	0.30 to 0.45	3	SPTM060	SPTM060A
M2.0	0.060	0.165	0.034	0.009	0.1875	2.00	0.30 to 0.45	3	SPTM060ML	SPTM060MLA
M2.0	0.060	0.200	0.034	0.009	0.1875	2.00	0.30 to 0.45	3	SPTM060L	SPTM060LA
M2.5	0.072	0.150	0.040	0.010	0.1875	2.00	0.35 to 0.50	3	SPTM072	SPTM072A
M2.5	0.072	0.250	0.040	0.010	0.1875	2.00	0.35 to 0.50	3	SPTM072L	SPTM072LA
M3.0	0.080	0.190	0.045	0.011	0.1875	2.00	0.40 to 0.60	3	SPTM080	SPTM080A
M3.0	0.080	0.250	0.045	0.011	0.1875	2.00	0.40 to 0.60	3	SPTM080ML	SPTM080MLA
M3.0	0.080	0.300	0.045	0.011	0.1875	2.00	0.40 to 0.60	3	SPTM080L	SPTM080LA
M3.5	0.098	0.250	0.049	0.015	0.1875	2.00	0.40 to 0.80	3	SPTM098	SPTM098A
M3.5	0.098	0.330	0.049	0.015	0.1875	2.00	0.40 to 0.80	3	SPTM098ML	SPTM098MLA
M3.5	0.098	0.400	0.049	0.015	0.1875	2.00	0.40 to 0.80	3	SPTM098L	SPTM098LA
M4.0	0.120	0.300	0.070	0.016	0.1875	2.00	0.45 to 0.80	3	SPTM120	SPTM120A
M4.0	0.120	0.400	0.070	0.016	0.1875	2.00	0.45 to 0.80	3	SPTM120ML	SPTM120MLA
M4.0	0.120	0.500	0.070	0.016	0.1875	2.00	0.45 to 0.80	3	SPTM120L	SPTM120LA
M5.0	0.138	0.400	0.075	0.020	0.1875	2.00	0.45 to 1.00	3	SPTM138	SPTM138A
M5.0	0.138	0.500	0.075	0.020	0.1875	2.00	0.45 to 1.00	3	SPTM138ML	SPTM138MLA
M5.0	0.138	0.600	0.075	0.020	0.1875	2.00	0.45 to 1.00	3	SPTM138L	SPTM138LA
M6.0	0.160	0.400	0.080	0.025	0.1875	2.00	0.50 to 1.25	3	SPTM160	SPTM160A
M6.0	0.160	0.650	0.080	0.025	0.1875	2.00	0.50 to 1.25	3	SPTM160L	SPTM160LA

\*Single profile thread mills can cut any larger size internal thread within the recommended pitch-mm

# METRIC THREAD MILLS

## SINGLE PROFILE (SPTM) - SOLID CARBIDE



- Solid carbide provides maximum tool rigidity
- Long reach tools are available from stock
- ALTiN+ coating extends tool life

MIN ID THREAD*	"A" TOOL DIA.	"B" LENGTH OF CUT	"C" NECK DIA.	"Q" LENGTH	"S" SHANK DIA.	OAL	RECOM-MENDED PITCH-MM	FLUTES	ORDER #	
									UNCOATED	ALTiN+
									INTERNAL OR EXTERNAL THREADS	
M7.0	0.182	0.400	0.104	0.025	0.250	2.50	0.50 to 1.25	4	SPTM182	SPTM182A
M7.0	0.182	0.530	0.104	0.025	0.250	2.50	0.50 to 1.25	4	SPTM182ML	SPTM182MLA
M7.0	0.182	0.650	0.104	0.025	0.250	2.50	0.50 to 1.25	4	SPTM182L	SPTM182LA
M8.0	0.240	0.500	0.153	0.028	0.250	2.50	0.50 to 1.50	4	SPTM240	SPTM240A
M8.0	0.240	0.800	0.153	0.028	0.250	2.50	0.50 to 1.50	4	SPTM240L	SPTM240LA
M10	0.290	0.600	0.192	0.031	0.375	3.00	0.75 to 1.75	4	SPTM290	SPTM290A
M10	0.290	1.000	0.192	0.031	0.375	3.00	0.75 to 1.75	4	SPTM290L	SPTM290LA
M12	0.372	0.750	0.240	0.041	0.375	3.00	0.80 to 2.00	4	SPTM372	SPTM372A
M12	0.372	1.200	0.240	0.041	0.375	3.00	0.80 to 2.00	4	SPTM372L	SPTM372LA
M16	0.488	0.850	0.340	0.046	0.500	3.50	0.80 to 2.50	5	SPTM488	SPTM488A
M16	0.488	1.350	0.340	0.046	0.500	3.50	0.80 to 2.50	5	SPTM488L	SPTM488LA
M20	0.595	1.250	0.430	0.051	0.625	4.00	1.00 to 2.50	6	SPTM595	SPTM595A
M20	0.595	2.000	0.430	0.051	0.625	4.00	1.00 to 2.50	6	SPTM595L	SPTM595LA
M24	0.695	1.500	0.490	0.063	0.750	5.00	1.00 to 3.00	6	SPTM695	SPTM695A
M24	0.695	2.500	0.490	0.063	0.750	5.00	1.00 to 3.00	6	SPTM695L	SPTM695LA
M30	0.745	1.500	0.400	0.107	0.750	5.00	3.00 to 6.00	6	SPTM745	SPTM745A
M30	0.745	2.500	0.400	0.107	0.750	5.00	3.00 to 6.00	6	SPTM745L	SPTM745LA

\*Single profile thread mills can cut any larger size internal thread within the recommended pitch-mm

THREAD MILLS  
METRIC

SINGLE POINT

INDEXABLE TOOLS

PORT - CAVITY

SPECIALTY