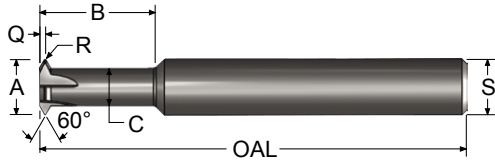


# UN THREAD MILLS

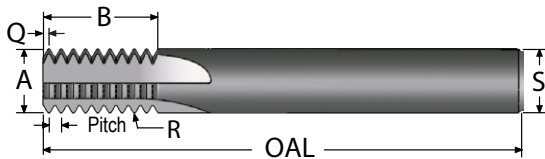
## SINGLE PROFILE (SPTM) - EXTERNAL UNJ - SOLID CARBIDE



- Non-crest cutting allows maximum flexibility for plated and non-standard threads
- Minimal side cutting pressure
- Conforms to aerospace standard AS8879

EXT. THREAD / PITCH	"A" TOOL DIA.	"B" LENGTH OF CUT	"C" NECK DIA.	"R" ROOT RADIUS	"Q" LENGTH	"S" SHANK DIA.	OAL	FLUTES	ORDER #		EDP #	
									UNCOATED	AITiN+	UNCOATED	AITiN+
									EXTERNAL ONLY			
UNJ-32	0.372	1.000	0.240	0.0051	0.043	0.375	3.00	4	SPTM372-32EXJ	SPTM372-32EXJ-A	120916	120934
UNJ-28	0.372	1.000	0.240	0.0059	0.043	0.375	3.00	4	SPTM372-28EXJ	SPTM372-28EXJ-A	120913	120931
UNJ-24	0.372	1.000	0.240	0.0069	0.044	0.375	3.00	4	SPTM372-24EXJ	SPTM372-24EXJ-A	120910	120928
UNJ-20	0.372	1.000	0.240	0.0082	0.044	0.375	3.00	4	SPTM372-20EXJ	SPTM372-20EXJ-A	120907	120925
UNJ-18	0.372	1.000	0.240	0.0091	0.045	0.375	3.00	4	SPTM372-18EXJ	SPTM372-18EXJ-A	120904	120922
UNJ-16	0.372	1.000	0.240	0.0103	0.046	0.375	3.00	4	SPTM372-16EXJ	SPTM372-16EXJ-A	120901	120919
UNJ-12	0.488	1.400	0.340	0.0137	0.052	0.500	3.50	5	SPTM488-12EXJ	SPTM488-12EXJ-A	120937	120940

## THREAD MILLS - EXJ - SOLID CARBIDE (EXTERNAL UNJ THREAD) FULL PROFILE



- ALTiN+ coating extends tool life
- Precision ground for maximum concentricity
- Made with premium submicron carbide

EXT. THREAD / PITCH	"A" TOOL DIA.	"B" LENGTH OF CUT	"R" ROOT RADIUS	"Q" LENGTH	"S" SHANK DIA.	OAL	FLUTES	ORDER #		EDP #	
								UNCOATED	AITiN+	UNCOATED	AITiN+
								EXTERNAL THREADS ONLY			
UNJ-32	0.245	0.668	0.0051	0.016	0.250	2.50	4	TM245-32EXJ	TM245-32EXJ-A	104007	104025
UNJ-28	0.245	0.657	0.0059	0.018	0.250	2.50	4	TM245-28EXJ	TM245-28EXJ-A	104004	104022
UNJ-24	0.245	0.683	0.0069	0.020	0.250	2.50	4	TM245-24EXJ	TM245-24EXJ-A	104001	104019
UNJ-20	0.370	0.773	0.0082	0.024	0.375	3.50	5	TM370-20EXJ	TM370-20EXJ-A	104034	104052
UNJ-18	0.370	0.800	0.0091	0.026	0.375	3.50	5	TM370-18EXJ	TM370-18EXJ-A	104031	104049
UNJ-16	0.370	0.774	0.0103	0.029	0.375	3.50	5	TM370-16EXJ	TM370-16EXJ-A	104028	104046
UNJ-14	0.495	1.027	0.0118	0.033	0.500	3.50	6	TM495-14EXJ	TM495-14EXJ-A	104061	104085
UNJ-12	0.495	1.031	0.0137	0.038	0.500	3.50	6	TM495-12EXJ	TM495-12EXJ-A	104058	104082
UNJ-10	0.495	1.037	0.0165	0.046	0.500	3.50	6	TM495-10EXJ	TM495-10EXJ-A	104055	104079
UNJ-8	0.495	1.046	0.0207	0.057	0.500	3.50	6	TM495-8EXJ	TM495-8EXJ-A	104064	104088

Scientific Cutting Tools offers two external UNJ thread cutting options: the partial profile SPTM EXJ and the full profile EXJ Thread Mill. Both tools conform to aerospace standard AS8879.