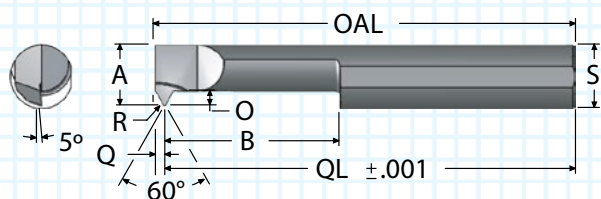


# THREADING TOOLS QUALIFIED - SOLID CARBIDE



- 60° thread form for cutting UN, ISO, and NPT threads
- Positive rake improves surface finish and reduces burrs
- ALTiN+ coating provides better surface finish

"A" MIN BORE	"B" MAX DEPTH	"O" MIN OFFSET	"Q" LENGTH ±.001	"R" TOOL RADIUS	"QL" LENGTH ±.001	RECOM- MENDED TPI*	"S" SHANK DIA.	OAL	ORDER #	
									UNCOATED	ALTiN+
0.060	0.150	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	TTQ060150	TTQ060150A
0.060	0.200	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	TTQ060200	TTQ060200A
0.060	0.250	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	TTQ060250	TTQ060250A
0.060	0.300	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	TTQ060300	TTQ060300A
0.075	0.200	0.020	0.014	0.0013	1.486	36 to 72	0.125	1.50	TTQ075200	TTQ075200A
0.075	0.300	0.020	0.014	0.0013	1.486	36 to 72	0.125	1.50	TTQ075300	TTQ075300A
0.075	0.400	0.020	0.014	0.0013	1.486	36 to 72	0.125	1.50	TTQ075400	TTQ075400A
0.090	0.200	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	TTQ090200	TTQ090200A
0.090	0.300	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	TTQ090300	TTQ090300A
0.090	0.400	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	TTQ090400	TTQ090400A
0.090	0.500	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	TTQ090500	TTQ090500A
0.120	0.250	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	TTQ120250	TTQ120250A
0.120	0.400	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	TTQ120400	TTQ120400A
0.120	0.600	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	TTQ120600	TTQ120600A
0.120	0.750	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	TTQ120750	TTQ120750A
0.150	0.350	0.035	0.023	0.0017	1.977	20 to 56	0.1875	2.00	TTQ150350	TTQ150350A
0.150	0.500	0.035	0.023	0.0017	1.977	20 to 56	0.1875	2.00	TTQ150500	TTQ150500A
0.150	0.750	0.035	0.023	0.0017	1.977	20 to 56	0.1875	2.00	TTQ150750	TTQ150750A
0.180	0.350	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	TTQ180350	TTQ180350A
0.180	0.500	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	TTQ180500	TTQ180500A
0.180	0.750	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	TTQ180750	TTQ180750A
0.180	1.000	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	TTQ1801000	TTQ1801000A
0.200	0.400	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	TTQ200400	TTQ200400A
0.200	0.600	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	TTQ200600	TTQ200600A
0.200	0.800	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	TTQ200800	TTQ200800A
0.200	1.000	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	TTQ2001000	TTQ2001000A

\*TPI = Threads Per Inch

THREAD MILLS

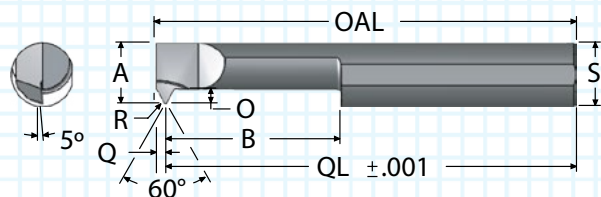
SINGLE POINT TOOLS  
THREADING

INDEXABLE TOOLS

PORT - CAVITY

SPECIALTY

# THREADING TOOLS QUALIFIED - SOLID CARBIDE



- Radius on tool tip for maximum strength
- Qualified length provides faster tool changes
- Made with premium submicron grade carbide

"A" MIN BORE	"B" MAX DEPTH	"O" MIN OFFSET	"Q" LENGTH ±.001	"R" TOOL RADIUS	"QL" LENGTH ±.001	RECOM- MENDED TPI*	"S" SHANK DIA.	OAL	ORDER #	
									UNCOATED	ALTiN+
0.230	0.400	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	TTQ230400	TTQ230400A
0.230	0.600	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	TTQ230600	TTQ230600A
0.230	0.750	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	TTQ230750	TTQ230750A
0.230	1.000	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	TTQ2301000	TTQ2301000A
0.230	1.250	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	TTQ2301250	TTQ2301250A
0.290	0.500	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	TTQ290500	TTQ290500A
0.290	0.750	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	TTQ290750	TTQ290750A
0.290	1.000	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	TTQ2901000	TTQ2901000A
0.290	1.250	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	TTQ2901250	TTQ2901250A
0.290	1.500	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	TTQ2901500	TTQ2901500A
0.320	0.500	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	TTQ320500	TTQ320500A
0.320	0.750	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	TTQ320750	TTQ320750A
0.320	1.000	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	TTQ3201000	TTQ3201000A
0.320	1.250	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	TTQ3201250	TTQ3201250A
0.320	1.500	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	TTQ3201500	TTQ3201500A
0.360	0.500	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	TTQ360500	TTQ360500A
0.360	0.750	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	TTQ360750	TTQ360750A
0.360	1.000	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	TTQ3601000	TTQ3601000A
0.360	1.250	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	TTQ3601250	TTQ3601250A
0.360	1.500	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	TTQ3601500	TTQ3601500A

\*TPI = Threads Per Inch

THREAD MILLS

SINGLE POINT TOOLS  
THREADING

INDEXABLE TOOLS

PORT - CAVITY

SPECIALTY