



Scientific Cutting Tools

**2026
EDITION**

CARBIDE BARS for Boring, Grooving & Threading

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Holders -----	Page 12



Call: 905.624.5524



Email: sales@caliberindustrial.com

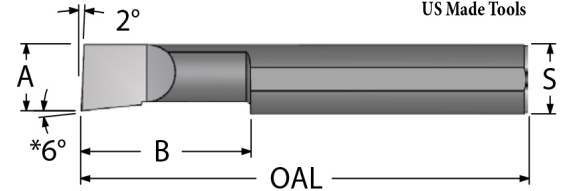
**Pricing Valid Until Further Notice
Ref. No. 132-2512-1C**



BORING BARS - SOLID CARBIDE



- * Made with premium submicron grade carbide
- * AlTiN+ coating for higher Surface Feet per Minute
- * Precision ground flat for guaranteed tool orientation



"A" MIN BORE	"B" MAX DEPTH	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.050	0.150	0.125	1.50	132-211401	○	\$37.88	132-212955	○	\$45.66
0.050	0.200	0.125	1.50	132-211404	○	\$37.88	132-212958	●	\$45.66
0.050	0.300	0.125	1.50	132-211407	○	\$37.88	132-212961	○	\$45.66
0.050	0.400	0.125	1.50	132-211410	○	\$37.88	132-212964	●	\$45.66
0.060	0.150	0.125	1.50	132-211413	○	\$37.88	132-212967	○	\$45.66
0.060	0.200	0.125	1.50	132-211416	○	\$37.88	132-212970	●	\$45.66
0.060	0.300	0.125	1.50	132-211419	○	\$37.88	132-212973	○	\$45.66
0.060	0.400	0.125	1.50	132-211422	○	\$37.88	132-212976	●	\$45.66
0.060	0.500	0.125	1.50	132-211425	○	\$37.88	132-212979	○	\$45.66
0.080	0.150	0.125	1.50	132-211428	○	\$37.88	132-212982	○	\$45.66
0.080	0.200	0.125	1.50	132-211431	○	\$37.88	132-212985	●	\$45.66
0.080	0.300	0.125	1.50	132-211434	○	\$37.88	132-212988	○	\$45.66
0.080	0.400	0.125	1.50	132-211437	○	\$37.88	132-212991	●	\$45.66
0.080	0.500	0.125	1.50	132-211440	●	\$37.88	132-212994	○	\$45.66
0.080	0.600	0.125	1.50	132-211443	○	\$37.88	132-212997	○	\$45.66
0.100	0.150	0.125	1.50	132-211446	○	\$37.88	132-213000	○	\$45.66
0.100	0.200	0.125	1.50	132-211449	○	\$37.88	132-213003	●	\$45.66
0.100	0.300	0.125	1.50	132-211452	○	\$37.88	132-213006	○	\$45.66
0.100	0.400	0.125	1.50	132-211455	○	\$37.88	132-213009	○	\$45.66
0.100	0.500	0.125	1.50	132-211458	●	\$37.88	132-213012	○	\$45.66
0.100	0.600	0.125	1.50	132-211461	○	\$37.88	132-213015	●	\$45.66
0.100	0.700	0.125	1.50	132-211464	○	\$37.88	132-213018	○	\$45.66
0.110	0.150	0.125	1.50	132-211467	○	\$37.88	132-213021	○	\$45.66
0.110	0.200	0.125	1.50	132-211470	○	\$37.88	132-213024	○	\$45.66
0.110	0.300	0.125	1.50	132-211473	●	\$37.88	132-213027	○	\$45.66
0.110	0.400	0.125	1.50	132-211476	○	\$37.88	132-213030	●	\$45.66
0.110	0.500	0.125	1.50	132-211479	○	\$37.88	132-213033	○	\$45.66
0.110	0.600	0.125	1.50	132-211482	○	\$37.88	132-213036	○	\$45.66
0.110	0.700	0.125	1.50	132-211485	○	\$37.88	132-213039	○	\$45.66
0.120	0.250	0.1875	2.00	132-211488	○	\$40.55	132-213042	○	\$48.33
0.120	0.350	0.1875	2.00	132-211491	○	\$40.55	132-213045	○	\$48.33
0.120	0.500	0.1875	2.00	132-211494	●	\$40.55	132-213048	○	\$48.33
0.120	0.600	0.1875	2.00	132-211497	○	\$40.55	132-213051	○	\$48.33
0.120	0.700	0.1875	2.00	132-211500	○	\$40.55	132-213054	○	\$48.33
0.120	0.800	0.1875	2.00	132-211503	○	\$40.55	132-213057	○	\$48.33

● Stock Caliber

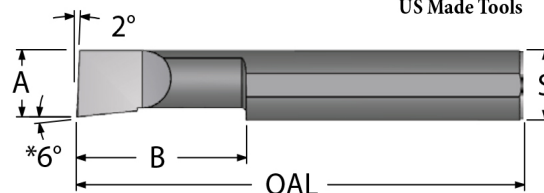
○ Factory Stock 5-7 Working Days



BORING BARS - SOLID CARBIDE



- * Made with premium submicron grade carbide
- * AlTiN+ coating for higher Surface Feet per Minute
- * Precision ground flat for guaranteed tool orientation



"A" MIN BORE	"B" MAX DEPTH	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.140	0.250	0.1875	2.00	132-211506	○	\$40.55	132-213060	○	\$48.33
0.140	0.400	0.1875	2.00	132-211509	○	\$40.55	132-213063	●	\$48.33
0.140	0.500	0.1875	2.00	132-211512	○	\$40.55	132-213066	○	\$48.33
0.140	0.600	0.1875	2.00	132-211515	○	\$40.55	132-213069	○	\$48.33
0.140	0.700	0.1875	2.00	132-211518	○	\$40.55	132-213072	○	\$48.33
0.140	0.750	0.1875	2.00	132-211521	○	\$40.55	132-213075	●	\$48.33
0.140	0.800	0.1875	2.00	132-211524	○	\$40.55	132-213078	○	\$48.33
0.160	0.250	0.1875	2.00	132-211530	○	\$40.55	132-213084	○	\$48.33
0.160	0.400	0.1875	2.00	132-211533	●	\$40.55	132-213087	●	\$48.33
0.160	0.500	0.1875	2.00	132-211536	●	\$40.55	132-213090	○	\$48.33
0.160	0.600	0.1875	2.00	132-211539	○	\$40.55	132-213093	○	\$48.33
0.160	0.750	0.1875	2.00	132-211542	○	\$40.55	132-213096	○	\$48.33
0.160	0.900	0.1875	2.00	132-211545	○	\$40.55	132-213099	○	\$48.33
0.160	1.000	0.1875	2.00	132-211527	○	\$40.55	132-213081	○	\$48.33
0.180	0.350	0.250	2.50	132-211560	○	\$44.52	132-213114	○	\$54.38
0.180	0.500	0.250	2.50	132-211563	●	\$44.52	132-213117	●	\$54.38
0.180	0.600	0.250	2.50	132-211566	○	\$44.52	132-213120	○	\$54.38
0.180	0.750	0.250	2.50	132-211569	○	\$44.52	132-213123	○	\$54.38
0.180	0.900	0.250	2.50	132-211572	○	\$44.52	132-213126	○	\$54.38
0.180	1.000	0.250	2.50	132-211548	○	\$44.52	132-213102	●	\$54.38
0.180	1.100	0.250	2.50	132-211551	○	\$44.52	132-213105	○	\$54.38
0.180	1.250	0.250	2.50	132-211554	○	\$44.52	132-213108	○	\$54.38
0.180	1.500	0.250	2.50	132-211557	○	\$44.52	132-213111	○	\$54.38
0.200	0.400	0.250	2.50	132-211587	○	\$44.52	132-213141	○	\$54.38
0.200	0.500	0.250	2.50	132-211590	○	\$44.52	132-213144	○	\$54.38
0.200	0.600	0.250	2.50	132-211593	○	\$44.52	132-213147	○	\$54.38
0.200	0.700	0.250	2.50	132-211596	○	\$44.52	132-213150	●	\$54.38
0.200	0.800	0.250	2.50	132-211599	○	\$44.52	132-213153	○	\$54.38
0.200	0.900	0.250	2.50	132-211602	○	\$44.52	132-213156	●	\$54.38
0.200	1.000	0.250	2.50	132-211575	○	\$44.52	132-213129	○	\$54.38
0.200	1.100	0.250	2.50	132-211578	○	\$44.52	132-213132	○	\$54.38
0.200	1.200	0.250	2.50	132-211581	○	\$44.52	132-213135	○	\$54.38
0.200	1.300	0.250	2.50	132-211584	○	\$44.52	132-213138	○	\$54.38

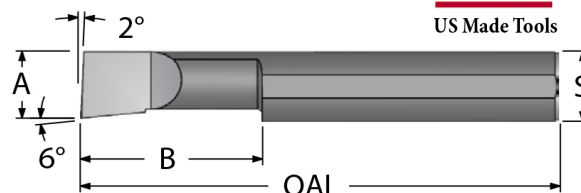
- Stock Caliber
- Factory Stock 5-7 Working Days



BORING BARS - SOLID CARBIDE



US Made Tools



- * AlTiN+ coating extends tool life
- * Elliptically ground neck provides maximum strength
- * Precision ground shank flat guarantees tool orientation

"A" MIN BORE	"B" MAX DEPTH	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.230	0.400	0.3125	2.50	132-211629	○	\$60.98	132-213183	○	\$72.76
0.230	0.500	0.3125	2.50	132-211632	○	\$60.98	132-213186	○	\$72.76
0.230	0.600	0.3125	2.50	132-211635	○	\$60.98	132-213189	○	\$72.76
0.230	0.700	0.3125	2.50	132-211638	○	\$60.98	132-213192	○	\$72.76
0.230	0.800	0.3125	2.50	132-211641	○	\$60.98	132-213195	○	\$72.76
0.230	0.900	0.3125	2.50	132-211644	○	\$60.98	132-213198	○	\$72.76
0.230	1.000	0.3125	2.50	132-211605	○	\$60.98	132-213159	○	\$72.76
0.230	1.100	0.3125	2.50	132-211608	○	\$60.98	132-213162	○	\$72.76
0.230	1.150	0.3125	2.50	132-211611	○	\$60.98	132-213165	○	\$72.76
0.230	1.200	0.3125	2.50	132-211614	○	\$60.98	132-213168	○	\$72.76
0.230	1.250	0.3125	2.50	132-211617	○	\$60.98	132-213171	○	\$72.76
0.230	1.400	0.3125	2.50	132-211620	○	\$60.98	132-213174	○	\$72.76
0.230	1.500	0.3125	2.50	132-211623	○	\$60.98	132-213177	○	\$72.76
0.230	1.600	0.3125	3.00	132-211626	○	\$61.13	132-213180	○	\$72.84
0.290	0.500	0.3125	2.50	132-211668	○	\$60.98	132-213222	○	\$72.76
0.290	0.600	0.3125	2.50	132-211671	○	\$60.98	132-213225	●	\$72.76
0.290	0.750	0.3125	2.50	132-211674	○	\$60.98	132-213228	○	\$72.76
0.290	0.900	0.3125	2.50	132-211677	○	\$60.98	132-213231	○	\$72.76
0.290	1.000	0.3125	2.50	132-211647	○	\$60.98	132-213201	●	\$72.76
0.290	1.100	0.3125	2.50	132-211650	○	\$60.98	132-213204	○	\$72.76
0.290	1.250	0.3125	2.50	132-211653	○	\$60.98	132-213207	○	\$72.76
0.290	1.350	0.3125	2.50	132-211656	○	\$60.98	132-213210	●	\$72.76
0.290	1.500	0.3125	2.50	132-211659	○	\$60.98	132-213213	○	\$72.76
0.290	1.600	0.3125	3.00	132-211662	○	\$61.13	132-213216	○	\$72.84
0.290	1.750	0.3125	3.00	132-211665	○	\$61.13	132-213219	○	\$72.84
0.320	0.500	0.375	2.50	132-211707	○	\$84.83	132-213261	○	\$98.53
0.320	0.600	0.375	2.50	132-211710	○	\$84.83	132-213264	●	\$98.53
0.320	0.750	0.375	2.50	132-211713	●	\$84.83	132-213267	○	\$98.53
0.320	0.900	0.375	2.50	132-211716	○	\$84.83	132-213270	○	\$98.53
0.320	1.000	0.375	2.50	132-211680	○	\$84.83	132-213234	●	\$98.53
0.320	1.100	0.375	2.50	132-211683	○	\$84.83	132-213237	○	\$98.53
0.320	1.250	0.375	2.50	132-211686	○	\$84.83	132-213240	○	\$98.53
0.320	1.500	0.375	2.50	132-211689	○	\$84.83	132-213243	●	\$98.53
0.320	1.600	0.375	3.00	132-211692	○	\$84.97	132-213246	○	\$98.71
0.320	1.800	0.375	3.00	132-211695	○	\$84.97	132-213249	○	\$98.71
0.320	2.000	0.375	4.00	132-211698	○	\$109.52	132-213252	○	\$126.17
0.320	2.500	0.375	4.00	132-211701	○	\$109.52	132-213255	○	\$126.17
0.320	3.000	0.375	4.00	132-211704	○	\$109.52	132-213258	○	\$126.17

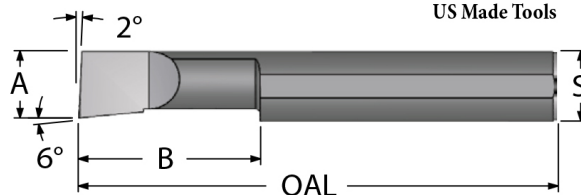
- Stock Caliber
- Factory Stock 5-7 Working Days



BORING BARS - SOLID CARBIDE



- * AlTiN+ coating extends tool life
- * Elliptically ground neck provides maximum strength
- * Precision ground shank flat guarantees tool orientation



"A" MIN BORE	"B" MAX DEPTH	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.360	0.500	0.375	2.50	132-211746	○	\$84.83	132-213300	○	\$98.53
0.360	0.600	0.375	2.50	132-211749	○	\$84.83	132-213303	●	\$98.53
0.360	0.750	0.375	2.50	132-211752	○	\$84.83	132-213306	○	\$98.53
0.360	0.900	0.375	2.50	132-211755	○	\$84.83	132-213309	○	\$98.53
0.360	1.000	0.375	2.50	132-211719	○	\$84.83	132-213273	●	\$98.53
0.360	1.150	0.375	2.50	132-211722	○	\$84.83	132-213276	○	\$98.53
0.360	1.250	0.375	2.50	132-211725	○	\$84.83	132-213279	○	\$98.53
0.360	1.500	0.375	2.50	132-211728	○	\$84.83	132-213282	○	\$98.53
0.360	1.600	0.375	3.00	132-211731	○	\$84.97	132-213285	●	\$98.71
0.360	1.800	0.375	3.00	132-211734	○	\$84.97	132-213288	○	\$98.71
0.360	2.000	0.375	4.00	132-211737	○	\$109.52	132-213291	○	\$126.17
0.360	2.500	0.375	4.00	132-211740	○	\$109.52	132-213294	○	\$126.17
0.360	3.000	0.375	4.00	132-211743	○	\$109.52	132-213297	○	\$126.17
0.490	0.750	0.500	3.00	132-211791	○	\$119.89	132-213345	○	\$136.84
0.490	1.000	0.500	3.00	132-211758	○	\$119.89	132-213312	●	\$136.84
0.490	1.250	0.500	3.00	132-211761	○	\$119.89	132-213315	○	\$136.84
0.490	1.500	0.500	3.00	132-211764	○	\$119.89	132-213318	○	\$136.84
0.490	2.000	0.500	4.00	132-211767	○	\$137.92	132-213321	●	\$158.29
0.490	2.500	0.500	4.00	132-211770	○	\$137.92	132-213324	○	\$158.29
0.490	2.600	0.500	4.00	132-211773	○	\$137.92	132-213327	○	\$158.29
0.490	2.750	0.500	4.00	132-211776	○	\$137.92	132-213330	●	\$158.29
0.490	3.000	0.500	6.00	132-211779	○	\$181.74	132-213333	○	\$205.93
0.490	3.500	0.500	6.00	132-211782	○	\$181.74	132-213336	○	\$205.93
0.490	4.000	0.500	6.00	132-211785	○	\$181.74	132-213339	○	\$205.93
0.490	4.500	0.500	6.00	132-211788	○	\$181.74	132-213342	○	\$205.93

- Stock Caliber
- Factory Stock 5-7 Working Days

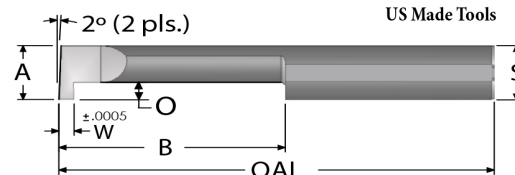


GROOVE TOOLS - RETAINING RING - SOLID CARBIDE



US Made Tools

- * AlTiN+ coating for higher Surface Feet per Minute
- * Shank diameter is precision ground
- * Made with premium submicron grade carbide



"A" MIN BORE	"W" TOOL WIDTH	"B" MAX DEPTH	"O" OFF SET	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.060	0.0320	0.187	0.020	0.125	1.50	132-220551	○	\$49.15	132-220611	○	\$59.49
0.060	0.0320	0.250	0.020	0.125	1.50	132-220554	●	\$49.15	132-220614	○	\$59.49
0.060	0.0320	0.375	0.020	0.125	1.50	132-220557	○	\$49.15	132-220617	○	\$59.49
0.090	0.0460	0.250	0.030	0.125	1.50	132-220560	○	\$49.15	132-220620	○	\$59.49
0.090	0.0460	0.375	0.030	0.125	1.50	132-220563	●	\$49.15	132-220623	○	\$59.49
0.090	0.0460	0.500	0.030	0.125	1.50	132-220566	○	\$49.15	132-220626	○	\$59.49
0.120	0.0620	0.250	0.040	0.125	1.50	132-220572	○	\$49.15	132-220632	○	\$59.49
0.120	0.0620	0.375	0.040	0.125	1.50	132-220575	●	\$49.15	132-220635	○	\$59.49
0.120	0.0620	0.500	0.040	0.125	1.50	132-220578	○	\$49.15	132-220638	○	\$59.49
0.120	0.0620	0.625	0.040	0.125	1.50	132-220569	○	\$49.15	132-220629	○	\$59.49
0.187	0.0175	0.250	0.050	0.1875	2.00	132-220644	●	\$51.84	132-220740	○	\$63.45
0.187	0.0175	0.375	0.050	0.1875	2.00	132-220647	●	\$51.84	132-220743	○	\$63.45
0.187	0.0175	0.500	0.050	0.1875	2.00	132-220650	○	\$51.84	132-220746	○	\$63.45
0.187	0.0175	0.625	0.050	0.1875	2.00	132-220641	○	\$51.84	132-220737	○	\$63.45
0.187	0.0255	0.250	0.050	0.1875	2.00	132-220656	○	\$51.84	132-220752	○	\$63.45
0.187	0.0255	0.375	0.050	0.1875	2.00	132-220659	●	\$51.84	132-220755	○	\$63.45
0.187	0.0255	0.500	0.050	0.1875	2.00	132-220662	○	\$51.84	132-220758	○	\$63.45
0.187	0.0255	0.625	0.050	0.1875	2.00	132-220653	○	\$51.84	132-220749	○	\$63.45
0.187	0.0305	0.250	0.050	0.1875	2.00	132-220668	○	\$51.84	132-220764	○	\$63.45
0.187	0.0305	0.375	0.050	0.1875	2.00	132-220671	●	\$51.84	132-220767	○	\$63.45
0.187	0.0305	0.500	0.050	0.1875	2.00	132-220674	○	\$51.84	132-220770	○	\$63.45
0.187	0.0305	0.625	0.050	0.1875	2.00	132-220665	○	\$51.84	132-220761	○	\$63.45
0.187	0.0630	0.250	0.050	0.1875	2.00	132-220680	○	\$51.84	132-220776	○	\$63.45
0.187	0.0630	0.375	0.050	0.1875	2.00	132-220683	●	\$51.84	132-220779	○	\$63.45
0.187	0.0630	0.500	0.050	0.1875	2.00	132-220686	○	\$51.84	132-220782	○	\$63.45
0.187	0.0630	0.625	0.050	0.1875	2.00	132-220677	○	\$51.84	132-220773	○	\$63.45
0.250	0.0175	0.250	0.060	0.250	2.50	132-220788	○	\$54.83	132-220908	○	\$67.88
0.250	0.0175	0.375	0.060	0.250	2.50	132-220791	●	\$54.83	132-220911	○	\$67.88
0.250	0.0175	0.500	0.060	0.250	2.50	132-220794	○	\$54.83	132-220914	○	\$67.88
0.250	0.0175	0.625	0.060	0.250	2.50	132-220785	○	\$54.83	132-220905	○	\$67.88
0.250	0.0255	0.250	0.060	0.250	2.50	132-220800	○	\$54.83	132-220920	○	\$67.88
0.250	0.0255	0.375	0.060	0.250	2.50	132-220803	●	\$54.83	132-220923	○	\$67.88
0.250	0.0255	0.500	0.060	0.250	2.50	132-220806	○	\$54.83	132-220926	○	\$67.88
0.250	0.0255	0.625	0.060	0.250	2.50	132-220797	●	\$54.83	132-220917	○	\$67.88
0.250	0.0305	0.250	0.060	0.250	2.50	132-220812	○	\$54.83	132-220932	○	\$67.88
0.250	0.0305	0.375	0.060	0.250	2.50	132-220815	●	\$54.83	132-220935	○	\$67.88
0.250	0.0305	0.500	0.060	0.250	2.50	132-220818	○	\$54.83	132-220938	○	\$67.88
0.250	0.0305	0.625	0.060	0.250	2.50	132-220809	○	\$54.83	132-220929	○	\$67.88
0.250	0.0630	0.250	0.060	0.250	2.50	132-220824	○	\$54.83	132-220944	○	\$67.88
0.250	0.0630	0.375	0.060	0.250	2.50	132-220827	○	\$54.83	132-220947	○	\$67.88
0.250	0.0630	0.500	0.060	0.250	2.50	132-220830	○	\$54.83	132-220950	○	\$67.88
0.250	0.0630	0.625	0.060	0.250	2.50	132-220821	○	\$54.83	132-220941	○	\$67.88
0.250	0.0930	0.250	0.060	0.250	2.50	132-220836	○	\$54.83	132-220956	○	\$67.88
0.250	0.0930	0.375	0.060	0.250	2.50	132-220839	●	\$54.83	132-220959	○	\$67.88
0.250	0.0930	0.500	0.060	0.250	2.50	132-220842	○	\$54.83	132-220962	○	\$67.88
0.250	0.0930	0.625	0.060	0.250	2.50	132-220833	○	\$54.83	132-220953	○	\$67.88

- Stock Caliber
- Factory Stock 5-7 Working Days

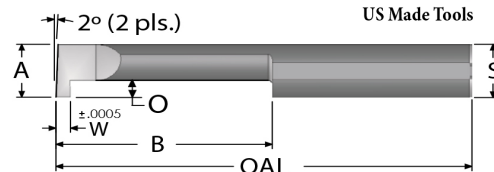


GROOVE TOOLS - RETAINING RING - SOLID CARBIDE



US Made Tools

- * AlTiN+ coating extends tool life
- * Polished flute face for optimum performance
- * Precision ground shank flat for guaranteed tool orientation



"A" MIN BORE	"W" TOOL WIDTH	"B" MAX DEPTH	"O" OFF SET	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.312	0.0335	0.250	0.110	0.3125	2.50	132-220968	○	\$68.28	132-221064	○	\$82.61
0.312	0.0335	0.375	0.110	0.3125	2.50	132-220971	●	\$68.28	132-221067	○	\$82.61
0.312	0.0335	0.500	0.110	0.3125	2.50	132-220974	○	\$68.28	132-221070	○	\$82.61
0.312	0.0335	0.750	0.110	0.3125	2.50	132-220965	○	\$68.28	132-221061	○	\$82.61
0.312	0.0385	0.250	0.110	0.3125	2.50	132-220980	○	\$68.28	132-221076	○	\$82.61
0.312	0.0385	0.375	0.110	0.3125	2.50	132-220983	●	\$68.28	132-221079	○	\$82.61
0.312	0.0385	0.500	0.110	0.3125	2.50	132-220986	○	\$68.28	132-221082	○	\$82.61
0.312	0.0385	0.750	0.110	0.3125	2.50	132-220977	○	\$68.28	132-221073	○	\$82.61
0.312	0.0630	0.375	0.110	0.3125	2.50	132-220995	○	\$68.28	132-221091	○	\$82.61
0.312	0.0630	0.500	0.110	0.3125	2.50	132-220998	●	\$68.28	132-221094	○	\$82.61
0.312	0.0630	0.750	0.110	0.3125	2.50	132-220989	○	\$68.28	132-221085	○	\$82.61
0.312	0.0630	1.000	0.110	0.3125	2.50	132-220992	○	\$68.28	132-221088	○	\$82.61
0.312	0.1250	0.375	0.110	0.3125	2.50	132-221007	○	\$68.28	132-221103	○	\$82.61
0.312	0.1250	0.500	0.110	0.3125	2.50	132-221010	●	\$68.28	132-221106	○	\$82.61
0.312	0.1250	0.750	0.110	0.3125	2.50	132-221001	○	\$68.28	132-221097	○	\$82.61
0.312	0.1250	0.500	0.110	0.3125	2.50	132-221004	○	\$68.28	132-221100	○	\$82.61
0.375	0.040	0.250	0.110	0.375	2.50	132-221118	○	\$90.35	132-221394	○	\$105.96
0.375	0.040	0.375	0.110	0.375	2.50	132-221121	○	\$90.35	132-221397	○	\$105.96
0.375	0.040	0.500	0.110	0.375	2.50	132-221124	○	\$90.35	132-221400	○	\$105.96
0.375	0.040	0.750	0.110	0.375	2.50	132-221109	●	\$90.35	132-221385	○	\$105.96
0.375	0.040	1.000	0.110	0.375	2.50	132-221112	○	\$90.35	132-221388	○	\$105.96
0.375	0.040	1.250	0.110	0.375	2.50	132-221115	○	\$90.35	132-221391	○	\$105.96
0.375	0.047	0.250	0.110	0.375	2.50	132-221136	○	\$90.35	132-221412	○	\$105.96
0.375	0.047	0.375	0.110	0.375	2.50	132-221139	○	\$90.35	132-221415	●	\$105.96
0.375	0.047	0.500	0.110	0.375	2.50	132-221142	○	\$90.35	132-221418	○	\$105.96
0.375	0.047	0.750	0.110	0.375	2.50	132-221127	●	\$90.35	132-221403	○	\$105.96
0.375	0.047	1.000	0.110	0.375	2.50	132-221130	○	\$90.35	132-221406	○	\$105.96
0.375	0.047	1.250	0.110	0.375	2.50	132-221133	○	\$90.35	132-221409	○	\$105.96
0.375	0.056	0.250	0.110	0.375	2.50	132-221154	○	\$90.35	132-221430	○	\$105.96
0.375	0.056	0.375	0.110	0.375	2.50	132-221157	○	\$90.35	132-221433	●	\$105.96
0.375	0.056	0.500	0.110	0.375	2.50	132-221160	○	\$90.35	132-221436	○	\$105.96
0.375	0.056	0.750	0.110	0.375	2.50	132-221145	●	\$90.35	132-221421	○	\$105.96
0.375	0.056	1.000	0.110	0.375	2.50	132-221148	○	\$90.35	132-221424	○	\$105.96
0.375	0.056	1.250	0.110	0.375	2.50	132-221151	○	\$90.35	132-221427	○	\$105.96
0.375	0.063	0.250	0.110	0.375	2.50	132-221172	○	\$90.35	132-221448	○	\$105.96
0.375	0.063	0.375	0.110	0.375	2.50	132-221175	○	\$90.35	132-221451	●	\$105.96
0.375	0.063	0.500	0.110	0.375	2.50	132-221178	○	\$90.35	132-221454	○	\$105.96
0.375	0.063	0.750	0.110	0.375	2.50	132-221163	●	\$90.35	132-221439	○	\$105.96
0.375	0.063	1.000	0.110	0.375	2.50	132-221166	○	\$90.35	132-221442	○	\$105.96
0.375	0.063	1.250	0.110	0.375	2.50	132-221169	○	\$90.35	132-221445	○	\$105.96
0.375	0.070	0.250	0.110	0.375	2.50	132-221190	○	\$90.35	132-221466	○	\$105.96
0.375	0.070	0.375	0.110	0.375	2.50	132-221193	○	\$90.35	132-221469	●	\$105.96
0.375	0.070	0.500	0.110	0.375	2.50	132-221196	○	\$90.35	132-221472	○	\$105.96
0.375	0.070	0.750	0.110	0.375	2.50	132-221181	●	\$90.35	132-221457	○	\$105.96
0.375	0.070	1.000	0.110	0.375	2.50	132-221184	○	\$90.35	132-221460	○	\$105.96
0.375	0.070	1.250	0.110	0.375	2.50	132-221187	○	\$90.35	132-221463	○	\$105.96

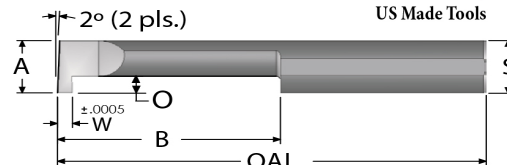
- Stock Caliber
- Factory Stock 5-7 Working Days



GROOVE TOOLS - RETAINING RING - SOLID CARBIDE



- * AlTiN+ coating for higher Surface Feet per Minute
- * Shank diameter is precision ground
- * Polished flute face for optimum performance
- * Made with premium submicron grade carbide



"A" MIN BORE	"W" TOOL WIDTH	"B" MAX DEPTH	"O" OFF SET	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.375	0.088	0.250	0.110	0.375	2.50	132-221208	○	\$90.35	132-221484	○	\$105.96
0.375	0.088	0.375	0.110	0.375	2.50	132-221211	○	\$90.35	132-221487	●	\$105.96
0.375	0.088	0.500	0.110	0.375	2.50	132-221214	○	\$90.35	132-221490	○	\$105.96
0.375	0.088	0.750	0.110	0.375	2.50	132-221199	●	\$90.35	132-221475	○	\$105.96
0.375	0.088	1.000	0.110	0.375	2.50	132-221202	○	\$90.35	132-221478	○	\$105.96
0.375	0.088	1.250	0.110	0.375	2.50	132-221205	○	\$90.35	132-221481	○	\$105.96
0.375	0.127	0.375	0.110	0.375	2.50	132-221226	○	\$90.35	132-221502	●	\$105.96
0.375	0.127	0.500	0.110	0.375	2.50	132-221229	○	\$90.35	132-221505	○	\$105.96
0.375	0.127	0.750	0.110	0.375	2.50	132-221217	●	\$90.35	132-221493	○	\$105.96
0.375	0.127	1.000	0.110	0.375	2.50	132-221220	○	\$90.35	132-221496	○	\$105.96
0.375	0.127	1.250	0.110	0.375	2.50	132-221223	○	\$90.35	132-221499	○	\$105.96
0.375	0.158	0.375	0.110	0.375	2.50	132-221241	○	\$90.35	132-221517	●	\$105.96
0.375	0.158	0.500	0.110	0.375	2.50	132-221244	○	\$90.35	132-221520	○	\$105.96
0.375	0.158	0.750	0.110	0.375	2.50	132-221232	●	\$90.35	132-221508	○	\$105.96
0.375	0.158	1.000	0.110	0.375	2.50	132-221235	○	\$90.35	132-221511	○	\$105.96
0.375	0.158	1.250	0.110	0.375	2.50	132-221238	○	\$90.35	132-221514	○	\$105.96
0.500	0.094	0.500	0.160	0.500	3.00	132-221535	○	\$127.21	132-221685	○	\$150.68
0.500	0.094	0.750	0.160	0.500	3.00	132-221523	●	\$127.21	132-221673	○	\$150.68
0.500	0.094	1.000	0.160	0.500	3.00	132-221526	○	\$127.21	132-221676	○	\$150.68
0.500	0.094	1.250	0.160	0.500	3.00	132-221529	○	\$127.21	132-221679	○	\$150.68
0.500	0.094	1.500	0.160	0.500	3.00	132-221532	○	\$127.21	132-221682	○	\$150.68
0.500	0.126	0.500	0.160	0.500	3.00	132-221550	○	\$127.21	132-221700	○	\$150.68
0.500	0.126	0.750	0.160	0.500	3.00	132-221538	○	\$127.21	132-221688	○	\$150.68
0.500	0.126	1.000	0.160	0.500	3.00	132-221541	○	\$127.21	132-221691	○	\$150.68
0.500	0.126	1.250	0.160	0.500	3.00	132-221544	○	\$127.21	132-221694	○	\$150.68
0.500	0.126	1.500	0.160	0.500	3.00	132-221547	○	\$127.21	132-221697	○	\$150.68
0.500	0.157	0.500	0.160	0.500	3.00	132-221565	○	\$127.21	132-221715	○	\$150.68
0.500	0.157	0.750	0.160	0.500	3.00	132-221553	○	\$127.21	132-221703	●	\$150.68
0.500	0.157	1.000	0.160	0.500	3.00	132-221556	○	\$127.21	132-221706	○	\$150.68
0.500	0.157	1.250	0.160	0.500	3.00	132-221559	○	\$127.21	132-221709	○	\$150.68
0.500	0.157	1.500	0.160	0.500	3.00	132-221562	○	\$127.21	132-221712	○	\$150.68
0.500	0.188	0.500	0.160	0.500	3.00	132-221580	○	\$127.21	132-221730	○	\$150.68
0.500	0.188	0.750	0.160	0.500	3.00	132-221568	●	\$127.21	132-221718	●	\$150.68
0.500	0.188	1.000	0.160	0.500	3.00	132-221571	○	\$127.21	132-221721	○	\$150.68
0.500	0.188	1.250	0.160	0.500	3.00	132-221574	○	\$127.21	132-221724	○	\$150.68
0.500	0.188	1.500	0.160	0.500	3.00	132-221577	○	\$127.21	132-221727	○	\$150.68
0.500	0.251	0.500	0.160	0.500	3.00	132-221595	○	\$127.21	132-221745	○	\$150.68
0.500	0.251	0.750	0.160	0.500	3.00	132-221583	○	\$127.21	132-221733	●	\$150.68
0.500	0.251	1.000	0.160	0.500	3.00	132-221586	○	\$127.21	132-221736	○	\$150.68
0.500	0.251	1.250	0.160	0.500	3.00	132-221589	○	\$127.21	132-221739	○	\$150.68
0.500	0.251	1.500	0.160	0.500	3.00	132-221592	○	\$127.21	132-221742	○	\$150.68

● Stock Caliber

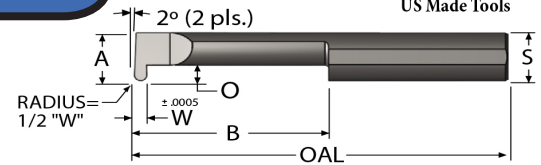
○ Factory Stock 5-7 Working Days



GROOVE TOOLS - FULL RADIUS - SOLID CARBIDE



- * AlTiN+ coating for higher Surface Feet per Minute
- * Elliptically ground for maximum strength
- * Polished flute face for optimum performance



"A" MIN BORE	"W" TOOL WIDTH	"B" MAX DEPTH	"O" OFF SET	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.187	0.0175	0.250	0.050	0.1875	2.00	132-221804	○	\$62.16	132-221876	○	\$73.82
0.187	0.0175	0.375	0.050	0.1875	2.00	132-221807	○	\$62.16	132-221879	○	\$73.82
0.187	0.0175	0.500	0.050	0.1875	2.00	132-221810	○	\$62.16	132-221882	●	\$73.82
0.187	0.0175	0.625	0.050	0.1875	2.00	132-221801	○	\$62.16	132-221873	○	\$73.82
0.187	0.0255	0.250	0.050	0.1875	2.00	132-221816	○	\$62.16	132-221888	○	\$73.82
0.187	0.0255	0.375	0.050	0.1875	2.00	132-221819	○	\$62.16	132-221891	○	\$73.82
0.187	0.0255	0.500	0.050	0.1875	2.00	132-221822	○	\$62.16	132-221894	●	\$73.82
0.187	0.0255	0.625	0.050	0.1875	2.00	132-221813	○	\$62.16	132-221885	○	\$73.82
0.187	0.0305	0.250	0.050	0.1875	2.00	132-221828	○	\$62.16	132-221900	○	\$73.82
0.187	0.0305	0.375	0.050	0.1875	2.00	132-221831	○	\$62.16	132-221903	○	\$73.82
0.187	0.0305	0.500	0.050	0.1875	2.00	132-221834	○	\$62.16	132-221906	●	\$73.82
0.187	0.0305	0.625	0.050	0.1875	2.00	132-221825	○	\$62.16	132-221897	○	\$73.82
0.250	0.0175	0.250	0.060	0.250	2.50	132-221912	○	\$62.95	132-221984	○	\$75.99
0.250	0.0175	0.375	0.060	0.250	2.50	132-221915	○	\$62.95	132-221987	○	\$75.99
0.250	0.0175	0.500	0.060	0.250	2.50	132-221918	○	\$62.95	132-221990	●	\$75.99
0.250	0.0175	0.625	0.060	0.250	2.50	132-221909	○	\$62.95	132-221981	○	\$75.99
0.250	0.0255	0.250	0.060	0.250	2.50	132-221924	○	\$62.95	132-221996	○	\$75.99
0.250	0.0255	0.375	0.060	0.250	2.50	132-221927	○	\$62.95	132-221999	○	\$75.99
0.250	0.0255	0.500	0.060	0.250	2.50	132-221930	○	\$62.95	132-222002	●	\$75.99
0.250	0.0255	0.625	0.060	0.250	2.50	132-221921	○	\$62.95	132-221993	○	\$75.99
0.250	0.0305	0.250	0.060	0.250	2.50	132-221936	○	\$62.95	132-222008	○	\$75.99
0.250	0.0305	0.375	0.060	0.250	2.50	132-221939	○	\$62.95	132-222011	○	\$75.99
0.250	0.0305	0.500	0.060	0.250	2.50	132-221942	○	\$62.95	132-222014	●	\$75.99
0.250	0.0305	0.625	0.060	0.250	2.50	132-221933	○	\$62.95	132-222005	○	\$75.99
0.312	0.0335	0.250	0.110	0.3125	2.50	132-222020	○	\$78.65	132-222068	○	\$92.95
0.312	0.0335	0.375	0.110	0.3125	2.50	132-222023	○	\$78.65	132-222071	○	\$92.95
0.312	0.0335	0.500	0.110	0.3125	2.50	132-222026	○	\$78.65	132-222074	●	\$92.95
0.312	0.0335	0.750	0.110	0.3125	2.50	132-222017	○	\$78.65	132-222065	○	\$92.95
0.312	0.0385	0.250	0.110	0.3125	2.50	132-222032	○	\$78.65	132-222080	○	\$92.95
0.312	0.0385	0.375	0.110	0.3125	2.50	132-222035	○	\$78.65	132-222083	○	\$92.95
0.312	0.0385	0.500	0.110	0.3125	2.50	132-222038	○	\$78.65	132-222086	●	\$92.95
0.312	0.0385	0.750	0.110	0.3125	2.50	132-222029	○	\$78.65	132-222077	○	\$92.95
0.375	0.040	0.250	0.110	0.375	2.50	132-222098	○	\$100.79	132-222344	○	\$116.52
0.375	0.040	0.375	0.110	0.375	2.50	132-222101	○	\$100.79	132-222347	○	\$116.52
0.375	0.040	0.500	0.110	0.375	2.50	132-222104	○	\$100.79	132-222350	●	\$116.52
0.375	0.040	0.750	0.110	0.375	2.50	132-222089	○	\$100.79	132-222335	○	\$116.52
0.375	0.040	1.000	0.110	0.375	2.50	132-222092	○	\$100.79	132-222338	○	\$116.52
0.375	0.040	1.250	0.110	0.375	2.50	132-222095	○	\$100.79	132-222341	○	\$116.52
0.375	0.047	0.250	0.110	0.375	2.50	132-222116	○	\$100.79	132-222362	○	\$116.52
0.375	0.047	0.375	0.110	0.375	2.50	132-222119	○	\$100.79	132-222365	○	\$116.52
0.375	0.047	0.500	0.110	0.375	2.50	132-222122	○	\$100.79	132-222368	●	\$116.52
0.375	0.047	0.750	0.110	0.375	2.50	132-222107	○	\$100.79	132-222353	○	\$116.52
0.375	0.047	1.000	0.110	0.375	2.50	132-222110	○	\$100.79	132-222356	○	\$116.52
0.375	0.047	1.250	0.110	0.375	2.50	132-222113	○	\$100.79	132-222359	○	\$116.52
0.375	0.056	0.250	0.110	0.375	2.50	132-222134	○	\$100.79	132-222380	○	\$116.52
0.375	0.056	0.375	0.110	0.375	2.50	132-222137	○	\$100.79	132-222383	○	\$116.52
0.375	0.056	0.500	0.110	0.375	2.50	132-222140	○	\$100.79	132-222386	○	\$116.52
0.375	0.056	0.750	0.110	0.375	2.50	132-222125	○	\$100.79	132-222371	○	\$116.52
0.375	0.056	1.000	0.110	0.375	2.50	132-222128	○	\$100.79	132-222374	○	\$116.52
0.375	0.056	1.250	0.110	0.375	2.50	132-222131	○	\$100.79	132-222377	○	\$116.52

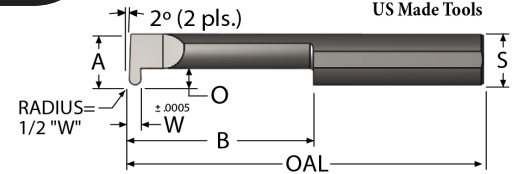
- Stock Caliber
- Factory Stock 5-7 Working Days



GROOVE TOOLS - FULL RADIUS - SOLID CARBIDE



- * AlTiN+ coating extends tool life
- * Made with premium submicron grade carbide
- * Precision ground shank flat for guaranteed tool orientation



"A" MIN BORE	"W" TOOL WIDTH	"B" MAX DEPTH	"O" OFF SET	"S" SHANK DIA.	OAL	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.375	0.063	0.250	0.110	0.375	2.50	132-222152	○	\$100.79	132-222398	○	\$116.52
0.375	0.063	0.375	0.110	0.375	2.50	132-222155	○	\$100.79	132-222401	○	\$116.52
0.375	0.063	0.500	0.110	0.375	2.50	132-222158	○	\$100.79	132-222404	○	\$116.52
0.375	0.063	0.750	0.110	0.375	2.50	132-222143	○	\$100.79	132-222389	○	\$116.52
0.375	0.063	1.000	0.110	0.375	2.50	132-222146	○	\$100.79	132-222392	○	\$116.52
0.375	0.063	1.250	0.110	0.375	2.50	132-222149	○	\$100.79	132-222395	○	\$116.52
0.375	0.070	0.250	0.110	0.375	2.50	132-222170	○	\$100.79	132-222416	○	\$116.52
0.375	0.070	0.375	0.110	0.375	2.50	132-222173	○	\$100.79	132-222419	○	\$116.52
0.375	0.070	0.500	0.110	0.375	2.50	132-222176	○	\$100.79	132-222422	●	\$116.52
0.375	0.070	0.750	0.110	0.375	2.50	132-222161	○	\$100.79	132-222407	○	\$116.52
0.375	0.070	1.000	0.110	0.375	2.50	132-222164	○	\$100.79	132-222410	○	\$116.52
0.375	0.070	1.250	0.110	0.375	2.50	132-222167	○	\$100.79	132-222413	○	\$116.52
0.375	0.088	0.250	0.110	0.375	2.50	132-222188	○	\$100.79	132-222434	○	\$116.52
0.375	0.088	0.375	0.110	0.375	2.50	132-222191	○	\$100.79	132-222437	○	\$116.52
0.375	0.088	0.500	0.110	0.375	2.50	132-222194	○	\$100.79	132-222440	●	\$116.52
0.375	0.088	0.750	0.110	0.375	2.50	132-222179	○	\$100.79	132-222425	○	\$116.52
0.375	0.088	1.000	0.110	0.375	2.50	132-222182	○	\$100.79	132-222428	○	\$116.52
0.375	0.088	1.250	0.110	0.375	2.50	132-222185	○	\$100.79	132-222431	○	\$116.52
0.375	0.125	0.500	0.110	0.375	2.50	132-222209	○	\$100.79	132-222455	○	\$116.52
0.375	0.125	0.750	0.110	0.375	2.50	132-222197	○	\$100.79	132-222443	●	\$116.52
0.375	0.125	1.000	0.110	0.375	2.50	132-222200	○	\$100.79	132-222446	○	\$116.52
0.375	0.125	1.250	0.110	0.375	2.50	132-222203	○	\$100.79	132-222449	○	\$116.52
0.500	0.094	0.500	0.160	0.500	3.00	132-222470	○	\$139.28	132-222620	○	\$162.75
0.500	0.094	0.750	0.160	0.500	3.00	132-222458	○	\$139.28	132-222608	●	\$162.75
0.500	0.094	1.000	0.160	0.500	3.00	132-222461	○	\$139.28	132-222611	○	\$162.75
0.500	0.094	1.250	0.160	0.500	3.00	132-222464	○	\$139.28	132-222614	○	\$162.75
0.500	0.094	1.500	0.160	0.500	3.00	132-222467	○	\$139.28	132-222617	○	\$162.75
0.500	0.126	0.500	0.160	0.500	3.00	132-222485	○	\$139.28	132-222635	○	\$162.75
0.500	0.126	0.750	0.160	0.500	3.00	132-222473	○	\$139.28	132-222623	●	\$162.75
0.500	0.126	1.000	0.160	0.500	3.00	132-222476	○	\$139.28	132-222626	○	\$162.75
0.500	0.126	1.250	0.160	0.500	3.00	132-222479	○	\$139.28	132-222629	○	\$162.75
0.500	0.126	1.500	0.160	0.500	3.00	132-222482	○	\$139.28	132-222632	○	\$162.75
0.500	0.157	0.500	0.160	0.500	3.00	132-222500	○	\$139.28	132-222650	○	\$162.75
0.500	0.157	0.750	0.160	0.500	3.00	132-222488	○	\$139.28	132-222638	●	\$162.75
0.500	0.157	1.000	0.160	0.500	3.00	132-222491	○	\$139.28	132-222641	○	\$162.75
0.500	0.157	1.250	0.160	0.500	3.00	132-222494	○	\$139.28	132-222644	●	\$162.75
0.500	0.157	1.500	0.160	0.500	3.00	132-222497	○	\$139.28	132-222647	○	\$162.75
0.500	0.188	0.500	0.160	0.500	3.00	132-222515	○	\$139.28	132-222665	○	\$162.75
0.500	0.188	0.750	0.160	0.500	3.00	132-222503	○	\$139.28	132-222653	●	\$162.75
0.500	0.188	1.000	0.160	0.500	3.00	132-222506	○	\$139.28	132-222656	○	\$162.75
0.500	0.188	1.250	0.160	0.500	3.00	132-222509	○	\$139.28	132-222659	●	\$162.75
0.500	0.188	1.500	0.160	0.500	3.00	132-222512	○	\$139.28	132-222662	○	\$162.75
0.500	0.251	0.500	0.160	0.500	3.00	132-222530	○	\$139.28	132-222680	○	\$162.75
0.500	0.251	0.750	0.160	0.500	3.00	132-222518	○	\$139.28	132-222668	●	\$162.75
0.500	0.251	1.000	0.160	0.500	3.00	132-222521	○	\$139.28	132-222671	○	\$162.75
0.500	0.251	1.250	0.160	0.500	3.00	132-222524	○	\$139.28	132-222674	●	\$162.75
0.500	0.251	1.500	0.160	0.500	3.00	132-222527	○	\$139.28	132-222677	○	\$162.75

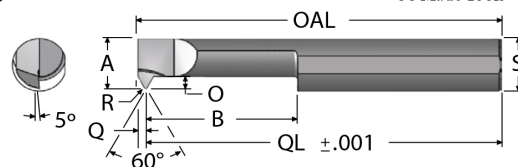
- Stock Caliber
- Factory Stock 5-7 Working Days



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	ITEM # UNCOATED	ON HAND	PRICE	ITEM # AlTiN+	ON HAND	PRICE
0.060	0.150	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	132-230601	○	\$67.51	132-230634	○	\$77.96
0.060	0.200	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	132-230604	○	\$67.51	132-230637	●	\$77.96
0.060	0.250	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	132-230607	○	\$67.51	132-230640	○	\$77.96
0.060	0.300	0.020	0.014	0.0012	1.486	40 to 80	0.125	1.50	132-230610	○	\$67.51	132-230643	●	\$77.96
0.075	0.200	0.020	0.014	0.0013	1.486	36 to 72	0.125	1.50	132-230613	○	\$67.51	132-230646	○	\$77.96
0.075	0.300	0.020	0.014	0.0013	1.486	36 to 72	0.125	1.50	132-230616	○	\$67.51	132-230649	○	\$77.96
0.075	0.400	0.020	0.014	0.0013	1.486	36 to 72	0.125	1.50	132-230619	○	\$67.51	132-230652	○	\$77.96
0.090	0.200	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	132-230622	○	\$67.51	132-230655	○	\$77.96
0.090	0.300	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	132-230625	○	\$67.51	132-230658	●	\$77.96
0.090	0.400	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	132-230628	○	\$67.51	132-230661	○	\$77.96
0.090	0.500	0.025	0.017	0.0015	1.483	32 to 64	0.125	1.50	132-230631	○	\$67.51	132-230664	●	\$77.96
0.120	0.250	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	132-230667	○	\$74.59	132-230688	○	\$86.24
0.120	0.400	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	132-230670	○	\$74.59	132-230691	○	\$86.24
0.120	0.600	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	132-230673	○	\$74.59	132-230694	○	\$86.24
0.120	0.750	0.030	0.021	0.0017	1.979	24 to 56	0.1875	2.00	132-230676	○	\$74.59	132-230697	●	\$86.24
0.150	0.350	0.035	0.023	0.0017	1.977	20 to 56	0.1875	2.00	132-230679	○	\$74.59	132-230700	○	\$86.24
0.150	0.500	0.035	0.023	0.0017	1.977	20 to 56	0.1875	2.00	132-230682	○	\$74.59	132-230703	○	\$86.24
0.150	0.750	0.035	0.023	0.0017	1.977	20 to 56	0.1875	2.00	132-230685	○	\$74.59	132-230706	○	\$86.24
0.180	0.350	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	132-230712	○	\$82.54	132-230736	○	\$95.48
0.180	0.500	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	132-230715	○	\$82.54	132-230739	●	\$95.48
0.180	0.750	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	132-230718	○	\$82.54	132-230742	○	\$95.48
0.180	1.000	0.040	0.027	0.0017	2.473	18 to 56	0.250	2.50	132-230709	○	\$82.54	132-230733	●	\$95.48
0.200	0.400	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	132-230724	○	\$82.54	132-230748	○	\$95.48
0.200	0.600	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	132-230727	○	\$82.54	132-230751	○	\$95.48
0.200	0.800	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	132-230730	○	\$82.54	132-230754	○	\$95.48
0.200	1.000	0.045	0.029	0.0024	2.471	16 to 40	0.250	2.50	132-230721	○	\$82.54	132-230745	●	\$95.48
0.230	0.600	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	132-230766	○	\$95.62	132-230796	●	\$109.95
0.230	0.750	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	132-230769	○	\$95.62	132-230799	○	\$109.95
0.230	1.000	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	132-230757	○	\$95.62	132-230787	●	\$109.95
0.230	1.250	0.055	0.038	0.0024	2.462	14 to 40	0.3125	2.50	132-230760	○	\$95.62	132-230790	○	\$109.95
0.290	0.500	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	132-230781	○	\$95.62	132-230811	○	\$109.95
0.290	0.750	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	132-230784	○	\$95.62	132-230814	●	\$109.95
0.290	1.000	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	132-230772	○	\$95.62	132-230802	○	\$109.95
0.290	1.250	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	132-230775	○	\$95.62	132-230805	●	\$109.95
0.290	1.500	0.070	0.047	0.0024	2.453	12 to 40	0.3125	2.50	132-230778	○	\$95.62	132-230808	○	\$109.95
0.320	0.500	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	132-230826	○	\$126.40	132-230856	○	\$142.11
0.320	0.750	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	132-230829	○	\$126.40	132-230859	○	\$142.11
0.320	1.000	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	132-230817	○	\$126.40	132-230847	○	\$142.11
0.320	1.250	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	132-230820	○	\$126.40	132-230850	○	\$142.11
0.320	1.500	0.075	0.049	0.0030	2.451	10 to 32	0.375	2.50	132-230823	○	\$126.40	132-230853	○	\$142.11
0.360	0.500	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	132-230841	○	\$126.40	132-230871	○	\$142.11
0.360	0.750	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	132-230844	○	\$126.40	132-230874	○	\$142.11
0.360	1.000	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	132-230832	○	\$126.40	132-230862	○	\$142.11
0.360	1.250	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	132-230835	○	\$126.40	132-230865	○	\$142.11
0.360	1.500	0.080	0.057	0.0040	2.443	8 to 24	0.375	2.50	132-230838	○	\$126.40	132-230868	○	\$142.11

*TPI = Threads Per Inch

● Stock Caliber

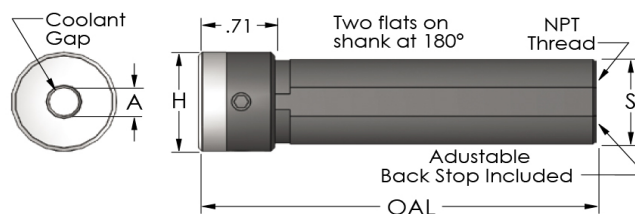
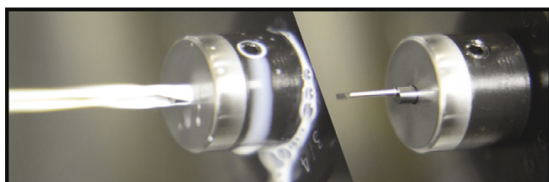
○ Factory Stock 5-7 Working Days



COOLANT RING TECHNOLOGY CRT HOLDERS (INCH)



US Made Tools



- * Made with heat-treated steel
- * Use with SCT qualified tools for quicker tool changes
- * Features two lock-down screws for max rigidity
- * Coolant flow surrounds the tool for maximum cooling

"A" INSIDE DIA.	"S" SHANK DIA.	"H" HEAD DIA.	NPT THREAD	OAL	ITEM #	ON HAND	PRICE
0.1250	0.500	0.625	1/8-27NPT	2.84	132-200500	○	\$230.56
0.1875	0.500	0.625	1/8-27NPT	2.84	132-200503	●	\$230.56
0.2500	0.500	0.625	1/8-27NPT	2.84	132-200506	●	\$230.56
0.1250	0.625	0.750	1/4-18NPT	3.34	132-200509	●	\$230.56
0.1875	0.625	0.750	1/4-18NPT	3.34	132-200512	●	\$230.56
0.2500	0.625	0.750	1/4-18NPT	3.34	132-200515	●	\$230.56
0.3125	0.625	0.750	1/4-18NPT	3.34	132-200518	○	\$230.56
0.1250	0.750	0.865	3/8-18NPT	3.34	132-200521	●	\$230.56
0.1875	0.750	0.865	3/8-18NPT	3.34	132-200524	○	\$230.56
0.2500	0.750	0.865	3/8-18NPT	3.34	132-200527	○	\$230.56
0.3125	0.750	0.865	3/8-18NPT	3.34	132-200530	●	\$230.56
0.3750	0.750	0.865	3/8-18NPT	3.34	132-200533	●	\$230.56
0.1250	1.000	1.115	1/2-14NPT	3.34	132-200413	○	\$230.56
0.1875	1.000	1.115	1/2-14NPT	3.34	132-200416	○	\$230.56
0.2500	1.000	1.115	1/2-14NPT	3.34	132-200419	○	\$230.56
0.3125	1.000	1.115	1/2-14NPT	3.34	132-200422	○	\$230.56
0.3750	1.000	1.115	1/2-14NPT	3.34	132-200425	○	\$230.56
0.5000	1.000	1.1150	1/2-14NPT	3.34	132-200428	○	\$230.56

- Stock Caliber
○ Factory Stock 5-7 Working Days