



906 R Street • PO Box 545 • Bedford, IN 47421

Toll-Free: 800-536-1971 • Phone: 812-275-4491

NEW WHITNEY TOOL TAPERED END MILLS IN HSS AND SOLID CARBIDE



Ball End

Square End



New From Whitney Tool: Tapered End Mills

A new line of tapered end mills (TEMs) is the newest addition to the growing line of Whitney Tool precision cutting tools. TEMs are used primarily in the mold-making industry, but also are popular in machining operations where there is a need to produce angled surfaces.

This new product is available from stock in standard sizes from 1/2 degree taper per side up to and including 45 degrees per side.

Choose from square or ball end in High Speed Steel or Solid Carbide. HSS are available with TiN coating; Solid Carbide are available with TiAlN coating. Other coatings, such as TiCN, AlTiN and DLC are available on request.

On the Cutting Edge... at Whitney Tool!

Whitney Tool is recognized as a leading manufacturer of Woodruff style slotting and keyseat milling cutters, as well as Counterbores, Counterbore pilots, T-Slot, dovetail and other specialty milling cutters including combined drills and countersinks.

While our standard product line will continue to grow in response to our customers' need for fast delivery of top quality cutters, we will also continue to be the industry leader in the manufacture of custom-made cutting tools. We make a variety of custom-made shank type and arbor type milling cutters in high speed steel, cobalt, carbide tipped and solid carbide. We also do our own heat treating, which gives us maximum control over the quality and scheduling of our cutters. For your convenience, use the quote request form on the back cover. You will find our prices, quality and delivery to be outstanding.

ALSO AVAILABLE:

Special forms, profiles, left hand cut and Cobalt Super High Speed Steel. Prices quoted on request.

Whitney Tool can add radii to all types of cutters. Specify a radius on your sketch and we will provide a price and delivery.

Whitney Tool provides all types of PVD coatings, including TiN, TiCN, TiAlN, DLC, as well as other special coatings. We can also provide operation specific edge prep.

Warning

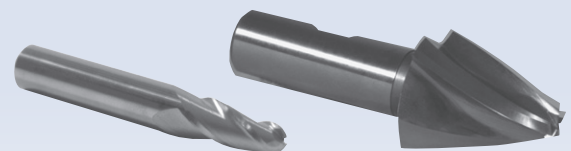
All cutting tools can shatter and break during use. Safety glasses must be worn during their use. Our liability is limited solely to the cutting tool. We cannot be held responsible for damage done to a workpiece.

Whitney Re-grinding Service

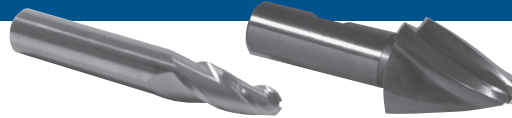
We also offer a tool re-grinding service to restore cutting edges to high speed steel (HSS) and carbide tools. If tools are taken out of service before the cutting edges are irreparably damaged, our experts can restore them to like new cutting performance.

Whitney's re-grinding expertise can generate significant savings for our existing customers by restoring cutting edges to tools dulled by heavy use.

Send your cutting tools in for evaluation and we will give you a firm quote. You can expect to save 60% or more.



Solid Carbide



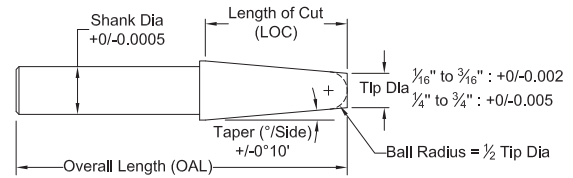
Standard Dimensions:

Degrees Per Side:

1/2°, 1°, 1-1/2°, 2°, 3°, 4°, 5°, 7°, 10°, 15°, 20°, 25°, 30°, 45°

Length of Cut (LOC):

1/4 inch - 6 inches (1/4" increments)



DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # SOLID CARBIDE	SQ. END PRICE	SQ. END EDP#	SQ. END AITIN PRICE	EDP # SOLID CARBIDE BALL END	BALL END PRICE	EDP # BALL END AITIN	BALL END AITIN PRICE
1/2°	1/16	1/2	1/8	3	03000	\$32.75	03200	\$39.30	03500	\$39.30	03700	\$47.16
	1/16	1	1/8	3	03001	\$42.15	03201	\$50.58	03501	\$50.57	03701	\$60.69
	3/32	3/4	1/8	3	03002	\$26.20	03202	\$31.44	03502	\$31.46	03702	\$37.75
	5/64	1/2	1/8	3	03003	\$33.56	03203	\$40.27	03503	\$40.27	03703	\$48.32
	5/64	1	1/8	3	03004	\$42.55	03204	\$51.06	03504	\$51.06	03704	\$61.27
	1/8	3/4	1/4	2-1/2	03005	\$28.82	03205	\$34.59	03505	\$34.59	03705	\$41.50
	1/8	1	1/4	3	03006	\$34.92	03206	\$41.91	03506	\$41.92	03706	\$50.30
	3/16	3/4	1/4	2-1/2	03007	\$28.82	03207	\$34.59	03507	\$34.59	03707	\$41.50
	3/16	1-1/4	1/4	3	03008	\$36.38	03208	\$43.66	03508	\$43.66	03708	\$52.39
	1/4	3/4	3/8	2-1/2	03009	\$40.74	03209	\$48.89	03509	\$48.90	03709	\$58.68
1/4	1-1/4	3/8	3	03010	\$42.93	03210	\$51.52	03510	\$51.52	03710	\$61.82	
1°	1/16	1/2	1/8	3	03011	\$33.16	03211	\$39.79	03511	\$39.78	03711	\$47.74
	1/16	1	1/8	3	03012	\$42.55	03212	\$51.06	03512	\$51.06	03712	\$61.27
	3/32	1/2	1/8	3	03013	\$26.93	03213	\$32.32	03513	\$32.32	03713	\$38.78
	3/32	1	1/4	3	03014	\$29.55	03214	\$35.46	03514	\$35.45	03714	\$42.54
	5/64	1/2	1/8	3	03015	\$33.94	03215	\$40.73	03515	\$40.72	03715	\$48.86
	5/64	1	1/8	3	03016	\$42.92	03216	\$51.50	03516	\$51.49	03716	\$61.79
	1/8	3/4	1/4	2-1/2	03017	\$33.13	03217	\$39.75	03517	\$39.76	03717	\$47.71
	1/8	1	1/4	3	03018	\$34.92	03218	\$41.91	03518	\$41.92	03718	\$50.30
	1/8	1-1/2	1/4	3	03019	\$39.72	03219	\$47.66	03519	\$47.67	03719	\$57.20
	1/8	3/4	1/4	2-1/2	03020	\$33.12	03220	\$39.74	03520	\$39.73	03720	\$47.68
	3/16	1-1/4	1/4	3	03021	\$37.84	03221	\$45.41	03521	\$45.40	03721	\$54.48
	3/16	1-3/4	1/4	4	03022	\$49.42	03222	\$59.31	03522	\$59.31	03722	\$71.17
	1/4	3/4	3/8	2-1/2	03023	\$40.74	03223	\$48.89	03523	\$48.90	03723	\$58.68
	1/4	1-1/4	3/8	3	03024	\$45.32	03224	\$54.38	03524	\$54.39	03724	\$65.27
	1/4	2	3/8	4	03025	\$62.40	03225	\$74.88	03525	\$74.88	03725	\$89.86
1-1/2°	1/16	1/2	1/8	3	03026	\$33.56	03226	\$40.27	03526	\$40.27	03726	\$48.32
	1/16	1	1/8	3	03027	\$43.32	03227	\$51.99	03527	\$51.98	03727	\$62.37
	3/32	1	1/8	3	03028	\$29.55	03228	\$35.46	03528	\$35.45	03728	\$42.54
	5/64	1/2	1/8	3	03029	\$34.34	03229	\$41.21	03529	\$41.20	03729	\$49.44
	5/64	1	3/16	3	03030	\$43.32	03230	\$51.99	03530	\$51.98	03730	\$62.37
	1/8	3/4	1/4	2-1/2	03031	\$33.12	03231	\$39.74	03531	\$39.73	03731	\$47.68
	1/8	1-1/2	1/4	3	03032	\$40.01	03232	\$48.02	03532	\$48.02	03732	\$57.62
	3/16	1-1/4	3/8	3	03033	\$42.93	03233	\$51.52	03533	\$51.52	03733	\$61.82
	3/16	1-3/4	3/8	3-1/2	03034	\$45.32	03234	\$54.38	03534	\$54.39	03734	\$65.27
	1/4	3/4	3/8	2-1/2	03035	\$40.74	03235	\$48.89	03535	\$48.90	03735	\$58.68
1/4	1-1/4	3/8	3	03036	\$45.32	03236	\$54.38	03536	\$54.39	03736	\$65.27	
2°	1/16	1/2	1/8	3	03037	\$33.94	03237	\$40.73	03537	\$40.72	03737	\$48.86
	1/16	1	1/8	3	03038	\$43.71	03238	\$52.46	03538	\$52.46	03738	\$62.95
	3/32	3/4	1/4	2-1/2	03039	\$31.66	03239	\$37.99	03539	\$37.99	03739	\$45.59
	3/32	1	1/4	3	03040	\$34.21	03240	\$41.05	03540	\$41.04	03740	\$49.25
	5/64	1/2	3/16	3	03041	\$34.74	03241	\$41.68	03541	\$41.69	03741	\$50.03
	5/64	1	3/16	3	03042	\$43.71	03242	\$52.46	03542	\$52.46	03742	\$62.95
	1/8	3/4	1/4	2-1/2	03043	\$33.12	03243	\$39.74	03543	\$39.73	03743	\$47.68
	1/8	1-1/4	1/4	3	03044	\$35.65	03244	\$42.78	03544	\$42.80	03744	\$51.35
	3/16	3/4	1/4	2-1/2	03045	\$34.21	03245	\$41.05	03545	\$41.04	03745	\$49.25
	3/16	1-1/4	3/8	3	03046	\$37.75	03246	\$45.30	03546	\$45.29	03746	\$54.35
	3/16	1-3/4	3/8	3-1/2	03047	\$49.36	03247	\$59.23	03547	\$59.22	03747	\$71.07
	1/4	3/4	3/8	2-1/2	03048	\$40.74	03248	\$48.89	03548	\$48.90	03748	\$58.68
1/4	1-1/4	3/8	3	03049	\$45.32	03249	\$54.38	03549	\$54.39	03749	\$65.27	
1/4	2	1/2	4	03050	\$62.40	03250	\$74.88	03550	\$74.88	03750	\$89.86	

All tools available with coatings: TiN, TiCN, TiAlN - Call us for a quote.

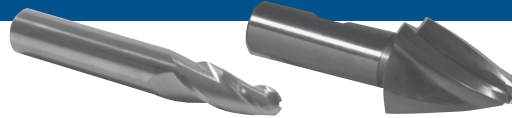
DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # SOLID CARBIDE	SQ.END PRICE	SQ. END EDP# AITiN	SQ. END AITIN PRICE	EDP # SOLID CARBIDE BALL END	BALL END PRICE	EDP # BALL END AITiN	BALL END AITIN PRICE
3°	1/16	1/2	1/8	3	03051	\$34.34	03251	\$41.21	03551	\$41.20	03751	\$49.44
	1/16	1	1/8	3	03052	\$44.12	03252	\$52.94	03552	\$52.95	03752	\$63.54
	3/32	1	1/4	3	03053	\$34.21	03253	\$41.05	03553	\$41.04	03753	\$49.25
	3/32	1-1/2	1/4	3	03054	\$40.01	03254	\$48.02	03554	\$48.02	03754	\$57.62
	1/8	3/4	1/4	2-1/2	03055	\$32.75	03255	\$39.30	03555	\$39.30	03755	\$47.16
	1/8	1	1/4	3	03056	\$34.57	03256	\$41.49	03556	\$41.49	03756	\$49.78
	1/8	1-1/2	3/8	3-1/2	03057	\$45.32	03257	\$54.38	03557	\$54.39	03757	\$65.27
	1/8	2	3/8	3-1/2	03058	\$55.28	03258	\$66.34	03558	\$66.34	03758	\$79.61
	5/32	1-1/4	3/8	3	03059	\$42.93	03259	\$51.52	03559	\$51.52	03759	\$61.82
	5/32	1-3/4	3/8	3-1/2	03060	\$54.41	03260	\$65.29	03560	\$65.29	03760	\$78.34
	3/16	3/4	3/8	2-1/2	03061	\$40.74	03261	\$48.89	03561	\$48.90	03761	\$58.68
	3/16	1-1/4	3/8	3	03062	\$45.32	03262	\$54.38	03562	\$54.39	03762	\$65.27
	1/4	3/4	3/8	2-1/2	03063	\$40.74	03263	\$48.89	03563	\$48.90	03763	\$58.68
	1/4	1-1/4	3/8	3	03064	\$45.32	03264	\$54.38	03564	\$54.39	03764	\$65.27
1/4	2	1/2	4	03065	\$62.40	03265	\$74.88	03565	\$74.88	03765	\$89.86	
4°	3/32	1	1/4	3	03066	\$29.55	03266	\$35.46	03566	\$35.45	03766	\$42.54
	1/8	3/4	1/4	2-1/2	03067	\$32.75	03267	\$39.30	03567	\$39.30	03767	\$47.16
	1/8	1	3/8	3	03068	\$34.57	03268	\$41.49	03568	\$41.49	03768	\$49.78
	3/16	3/4	3/8	2-1/2	03069	\$40.74	03269	\$48.89	03569	\$48.90	03769	\$58.68
	3/16	1-1/4	3/8	3	03070	\$45.32	03270	\$54.38	03570	\$54.39	03770	\$65.27
	1/4	3/4	3/8	2-1/2	03071	\$40.74	03271	\$48.89	03571	\$48.90	03771	\$58.68
	1/4	1-1/4	1/2	3	03072	\$62.40	03272	\$74.88	03572	\$74.88	03772	\$89.86
5°	1/16	1/2	1/4	2-1/2	03073	\$34.74	03273	\$41.68	03573	\$41.69	03773	\$50.03
	1/16	1	1/4	3	03074	\$46.21	03274	\$55.45	03574	\$55.44	03774	\$66.53
	3/32	3/4	1/4	2-1/2	03075	\$34.57	03275	\$41.49	03575	\$41.49	03775	\$49.78
	3/32	1	3/8	3	03076	\$41.47	03276	\$49.77	03576	\$49.76	03776	\$59.71
	3/32	1-1/2	3/8	3-1/2	03077	\$45.32	03277	\$54.38	03577	\$54.39	03777	\$65.27
	3/64	1/2	3/16	2-1/2	03078	\$35.51	03278	\$42.61	03578	\$42.61	03778	\$51.13
	3/64	1	3/8	3	03079	\$51.46	03279	\$61.75	03579	\$61.75	03779	\$74.10
	1/8	3/4	1/4	2-1/2	03080	\$30.20	03280	\$36.24	03580	\$36.25	03780	\$43.50
	1/8	1	3/8	3	03081	\$42.93	03281	\$51.52	03581	\$51.52	03781	\$61.82
	1/8	1-1/2	3/8	3-1/2	03082	\$45.32	03282	\$54.38	03582	\$54.39	03782	\$65.27
	3/16	3/4	3/8	2-1/2	03083	\$40.74	03283	\$48.89	03583	\$48.90	03783	\$58.68
	3/16	1-1/4	1/2	3-1/2	03084	\$62.40	03284	\$74.88	03584	\$74.88	03784	\$89.86
	1/4	3/4	1/2	3	03085	\$46.93	03285	\$56.31	03585	\$56.31	03785	\$67.57
	1/4	1	1/2	3	03086	\$52.38	03286	\$62.86	03586	\$62.84	03786	\$75.41
1/4	1-1/4	1/2	3-1/2	03087	\$62.40	03287	\$74.88	03587	\$74.88	03787	\$89.86	
1/4	2	5/8	4	03088	\$73.97	03288	\$88.76	03588	\$88.75	03788	\$106.50	
7°	3/32	1	3/8	3	03089	\$42.57	03289	\$51.08	03589	\$51.07	03789	\$61.28
	1/8	1/2	3/8	2-1/2	03090	\$39.29	03290	\$47.14	03590	\$47.16	03790	\$56.59
	1/8	3/4	3/8	2-1/2	03091	\$42.20	03291	\$50.64	03591	\$50.64	03791	\$60.77
	1/8	1	3/8	3	03092	\$45.32	03292	\$54.38	03592	\$54.39	03792	\$65.27
	1/8	1-1/2	1/2	3-1/2	03093	\$55.28	03293	\$66.34	03593	\$66.34	03793	\$79.61
	5/32	3/4	3/8	2-1/2	03094	\$42.20	03294	\$50.64	03594	\$50.64	03794	\$60.77
	3/16	1-1/4	1/2	3-1/2	03095	\$62.40	03295	\$74.88	03595	\$74.88	03795	\$89.86
	1/4	3/4	1/2	2-1/2	03096	\$55.28	03296	\$66.34	03596	\$66.34	03796	\$79.61
	1/4	1-1/4	5/8	3-1/2	03097	\$68.66	03297	\$82.39	03597	\$82.39	03797	\$98.87
10°	3/32	1/2	1/4	2-1/2	03098	\$28.82	03298	\$34.59	03598	\$34.59	03798	\$41.50
	3/32	1-1/2	5/8	3-1/2	03099	\$68.66	03299	\$82.39	03599	\$82.39	03799	\$98.87
	1/8	3/4	3/8	2-1/2	03100	\$42.20	03300	\$50.64	03600	\$50.64	03800	\$60.77
	1/8	1	1/2	3	03101	\$62.40	03301	\$74.88	03601	\$74.88	03801	\$89.86
	1/8	1-1/4	5/8	3-1/2	03102	\$68.66	03302	\$82.39	03602	\$82.39	03802	\$98.87
	3/16	1-1/4	5/8	3-1/2	03103	\$68.66	03303	\$82.39	03603	\$82.39	03803	\$98.87
	1/4	3/4	5/8	3-1/2	03104	\$66.91	03304	\$80.29	03604	\$80.30	03804	\$96.36
15°	1/4	1	5/8	3-1/2	03105	\$68.66	03305	\$82.39	03605	\$82.39	03805	\$98.87
	1/8	1	3/4	4	03106	\$151.61	03306	\$181.93	03606	\$181.94	03806	\$218.33
	3/16	1	3/4	4	03107	\$160.35	03307	\$192.42	03607	\$192.43	03807	\$230.91
	1/4	1	3/4	4	03108	\$166.19	03308	\$199.42	03608	\$199.42	03808	\$239.31

Custom Specials:

In addition to our standard product line, Whitney Tool offers custom tools, made to your specification or application. Please use the request form on the back cover to request a quotation for custom tooling.

All tools available with coatings: TiN, TiCN, TiAlN - Call us for a quote.

High Speed Steel



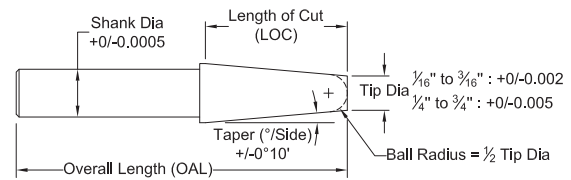
Standard Dimensions:

Degrees Per Side:

1/2°, 1°, 1-1/2°, 2°, 3°, 4°, 5°, 7°, 10°, 15°, 20°, 25°, 30°, 45°

Length Of Cut (LOC):

1/4 inch - 6 inches (1/4" increments)



DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # HSS SQ. END	SQ. END PRICE	SQ. END EDP# TiN	SQ. END TiN PRICE	EDP # HSS BALL END	BALL END PRICE	EDP # BALL END TiN	BALL END TiN PRICE
1/2°	3/32	1/2	3/8	2-1/2	01000	\$16.83	01500	\$21.03	02000	\$20.19	02500	\$25.24
	3/32	3/4	3/8	2-1/2	01001	\$18.16	01501	\$22.70	02001	\$21.80	02501	\$27.25
	3/32	1-1/4	3/8	3-1/8	01002	\$20.52	01502	\$25.65	02002	\$24.62	02502	\$30.78
	1/8	1/4	3/8	2-1/2	01003	\$15.81	01503	\$19.76	02003	\$18.97	02503	\$23.71
	1/8	1/2	3/8	2-1/2	01004	\$17.16	01504	\$21.45	02004	\$20.58	02504	\$25.72
	1/8	3/4	3/8	2-1/2	01005	\$18.16	01505	\$22.70	02005	\$21.80	02505	\$27.25
	1/8	1	3/8	2-7/8	01006	\$20.19	01506	\$25.24	02006	\$24.23	02506	\$30.29
	1/8	1-1/4	3/8	3-1/8	01007	\$21.54	01507	\$26.92	02007	\$25.84	02507	\$32.30
	1/8	1-1/2	3/8	3-1/4	01008	\$23.57	01508	\$29.46	02008	\$28.29	02508	\$35.36
	3/16	3/4	3/8	2-1/2	01009	\$18.16	01509	\$22.70	02009	\$21.80	02509	\$27.25
	3/16	1-1/4	3/8	3-1/8	01010	\$22.22	01510	\$27.77	02010	\$26.65	02510	\$33.32
	3/16	1-3/4	3/8	3-7/8	01011	\$27.77	01511	\$34.71	02011	\$33.33	02511	\$41.67
	1/4	3/4	3/8	2-1/2	01012	\$18.41	01512	\$23.01	02012	\$22.09	02512	\$27.61
	1/4	1-1/4	3/8	3-1/8	01013	\$23.22	01513	\$29.02	02013	\$27.87	02513	\$34.84
	1/4	2-1/4	3/8	4-1/4	01014	\$30.13	01514	\$37.66	02014	\$36.16	02514	\$45.20
	1/4	3-1/4	1/2	5-1/2	01015	\$40.07	01515	\$50.09	02015	\$48.09	02515	\$60.11
	3/8	1-1/4	1/2	3-1/8	01016	\$26.84	01516	\$33.55	02016	\$32.20	02516	\$40.25
	3/8	2-1/4	1/2	4-1/4	01017	\$33.33	01517	\$41.67	02017	\$40.00	02517	\$50.00
	3/8	3-1/4	1/2	5-1/2	01018	\$44.54	01518	\$55.67	02018	\$53.45	02518	\$66.81
	1/2	1-1/4	1/2	3-1/8	01019	\$32.57	01519	\$40.71	02019	\$39.09	02519	\$48.86
	1/2	2-1/4	1/2	4-1/4	01020	\$39.23	01520	\$49.04	02020	\$47.07	02520	\$58.84
	1/2	3-1/4	1/2	5-1/2	01021	\$46.65	01521	\$58.32	02021	\$55.97	02521	\$69.96
	5/8	2-1/4	5/8	4-1/2	01022	\$53.81	01522	\$67.26	02022	\$64.58	02522	\$80.72
	5/8	3-1/4	5/8	5-1/2	01023	\$58.61	01523	\$73.26	02023	\$70.33	02523	\$87.92
	5/8	4-1/4	5/8	6-1/2	01024	\$65.75	01524	\$82.19	02024	\$79.43	02524	\$99.29
	3/4	2-1/4	3/4	4-1/2	01025	\$56.49	01525	\$70.62	02025	\$67.80	02525	\$84.75
	3/4	3-1/4	3/4	5-3/4	01026	\$66.78	01526	\$83.48	02026	\$80.14	02526	\$100.18
	3/4	4-1/4	3/4	6-3/4	01027	\$79.43	01527	\$99.29	02027	\$95.32	02527	\$119.15
3/4	5-1/4	3/4	7-3/4	01028	\$122.67	01528	\$153.33	02028	\$147.19	02528	\$183.99	
1°	3/32	1/2	3/8	2-1/2	01029	\$17.16	01529	\$21.45	02029	\$20.58	02529	\$25.72
	3/32	3/4	3/8	2-1/2	01030	\$18.41	01530	\$23.01	02030	\$22.10	02530	\$27.63
	3/32	1-1/4	3/8	3-1/8	01031	\$20.77	01531	\$25.96	02031	\$24.91	02531	\$31.14
	1/8	1/4	3/8	2-1/2	01032	\$16.57	01532	\$20.71	02032	\$19.87	02532	\$24.84
	1/8	1/2	3/8	2-1/2	01033	\$17.25	01533	\$21.56	02033	\$20.70	02533	\$25.88
	1/8	3/4	3/8	2-1/2	01034	\$18.41	01534	\$23.01	02034	\$22.09	02534	\$27.61
	1/8	1	3/8	2-7/8	01035	\$20.52	01535	\$25.65	02035	\$24.62	02535	\$30.78
	1/8	1-1/4	3/8	3-1/8	01036	\$21.62	01536	\$27.03	02036	\$25.94	02536	\$32.43
	1/8	1-1/2	3/8	3-1/4	01037	\$23.88	01537	\$29.86	02037	\$28.67	02537	\$35.83
	1/8	2	3/8	3-7/8	01038	\$29.88	01538	\$37.36	02038	\$35.86	02538	\$44.82
	3/16	3/4	3/8	2-1/2	01039	\$18.58	01539	\$23.22	02039	\$22.30	02539	\$27.88
	3/16	1-1/4	3/8	3-1/8	01040	\$22.38	01540	\$27.97	02040	\$26.84	02540	\$33.55
	3/16	2	3/8	3-7/8	01041	\$31.41	01541	\$39.26	02041	\$37.68	02541	\$47.10
	1/4	3/4	3/8	2-1/2	01042	\$18.83	01542	\$23.53	02042	\$22.59	02542	\$28.24
	1/4	1-1/4	3/8	3-1/8	01043	\$23.39	01543	\$29.24	02043	\$28.07	02543	\$35.09
	1/4	2-1/4	3/8	4-1/4	01044	\$32.25	01544	\$40.31	02044	\$38.68	02544	\$48.35
	1/4	3-1/4	1/2	5-1/2	01045	\$43.70	01545	\$54.62	02045	\$52.43	02545	\$65.54
	3/8	1-1/4	1/2	3-1/8	01046	\$28.28	01546	\$35.34	02046	\$33.94	02546	\$42.43
	3/8	2-1/4	1/2	4-1/4	01047	\$35.87	01547	\$44.84	02047	\$43.04	02547	\$53.80
	3/8	3-1/4	1/2	5-1/2	01048	\$46.88	01548	\$58.61	02048	\$56.28	02548	\$70.34
	1/2	1-1/4	1/2	3-1/8	01049	\$33.16	01549	\$41.45	02049	\$39.80	02549	\$49.75

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DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # HSS SQ. END	SQ. END PRICE	SQ. END EDP# TiN	SQ. END TiN PRICE	EDP # HSS BALL END	BALL END PRICE	EDP # BALL END TiN	BALL END TiN PRICE
1°	1/2	2-1/4	1/2	4-1/4	01050	\$40.77	01550	\$50.96	02050	\$48.91	02550	\$61.14
	1/2	3-1/4	1/2	5-1/2	01051	\$50.43	01551	\$63.04	02051	\$60.52	02551	\$75.65
	5/8	2-1/4	5/8	4-1/2	01052	\$55.59	01552	\$69.49	02052	\$66.71	02552	\$83.39
	5/8	3-1/4	5/8	5-1/2	01053	\$60.48	01553	\$75.60	02053	\$72.57	02553	\$90.71
	5/8	4-1/4	5/8	6-1/2	01054	\$68.97	01554	\$86.21	02054	\$82.77	02554	\$103.46
	3/4	2-1/4	3/4	4-3/4	01055	\$60.72	01555	\$75.91	02055	\$72.87	02555	\$91.09
	3/4	3-1/4	3/4	5-3/4	01056	\$72.17	01556	\$90.22	02056	\$86.61	02556	\$108.26
	3/4	4-1/4	3/4	6-3/4	01057	\$87.68	01557	\$109.60	02057	\$105.22	02557	\$131.52
	3/4	5-1/4	3/4	7-3/4	01058	\$127.29	01558	\$159.11	02058	\$152.74	02558	\$190.92
1-1/2°	3/32	1/2	3/8	2-1/2	01059	\$17.25	01559	\$21.56	02059	\$20.70	02559	\$25.87
	3/32	3/4	3/8	2-7/8	01060	\$18.51	01560	\$23.13	02060	\$22.22	02560	\$27.77
	3/32	1	3/8	2-7/8	01061	\$20.52	01561	\$25.65	02061	\$24.62	02561	\$30.78
	3/32	1-1/4	3/8	3-1/8	01062	\$21.12	01562	\$26.39	02062	\$25.33	02562	\$31.67
	3/32	1-1/2	3/8	3-1/4	01063	\$22.38	01563	\$27.97	02063	\$26.84	02563	\$33.55
	7/64	1	3/8	2-7/8	01064	\$20.70	01564	\$25.87	02064	\$24.83	02564	\$31.03
	7/64	1-1/2	3/8	3-1/4	01065	\$22.71	01565	\$28.39	02065	\$27.26	02565	\$34.08
	7/64	2	3/8	3-7/8	01066	\$26.17	01566	\$32.72	02066	\$31.41	02566	\$39.26
	1/8	1/2	3/8	2-1/2	01067	\$17.33	01567	\$21.67	02067	\$20.80	02567	\$26.00
	1/8	3/4	3/8	2-1/2	01068	\$18.58	01568	\$23.22	02068	\$22.30	02568	\$27.88
	1/8	1	3/8	2-7/8	01069	\$20.77	01569	\$25.96	02069	\$24.91	02569	\$31.14
	1/8	1-1/4	3/8	3-1/8	01070	\$22.22	01570	\$27.77	02070	\$26.65	02570	\$33.32
	1/8	1-1/2	3/8	3-1/4	01071	\$24.06	01571	\$30.07	02071	\$28.87	02571	\$36.09
	1/8	2	3/8	3-7/8	01072	\$30.64	01572	\$38.30	02072	\$36.77	02572	\$45.96
	5/32	1	3/8	2-7/8	01073	\$20.87	01573	\$26.09	02073	\$25.04	02573	\$31.30
	5/32	1-1/4	3/8	3-1/4	01074	\$22.51	01574	\$28.13	02074	\$27.00	02574	\$33.75
	5/32	1-1/2	3/8	3-1/4	01075	\$24.06	01575	\$30.07	02075	\$28.87	02575	\$36.09
	3/16	3/4	3/8	2-1/2	01076	\$18.54	01576	\$23.17	02076	\$22.25	02576	\$27.81
	3/16	1-1/4	3/8	3-1/8	01077	\$22.55	01577	\$28.19	02077	\$27.06	02577	\$33.82
	3/16	2-1/4	3/8	4	01078	\$32.48	01578	\$40.60	02078	\$38.99	02578	\$48.73
	1/4	3/4	3/8	2-1/2	01079	\$19.00	01579	\$23.75	02079	\$22.81	02579	\$28.51
	1/4	1-1/4	3/8	3-1/8	01080	\$23.57	01580	\$29.46	02080	\$28.29	02580	\$35.36
	1/4	2-1/4	1/2	4-1/4	01081	\$31.41	01581	\$39.26	02081	\$37.68	02581	\$47.10
	1/4	3-1/4	1/2	5-1/2	01082	\$45.81	01582	\$57.26	02082	\$54.97	02582	\$68.71
	3/8	1-1/4	1/2	3-1/8	01083	\$28.70	01583	\$35.87	02083	\$34.43	02583	\$43.04
	3/8	2-1/4	1/2	4-1/4	01084	\$37.54	01584	\$46.92	02084	\$45.04	02584	\$56.30
	3/8	3-1/4	5/8	5-1/2	01085	\$47.83	01585	\$59.78	02085	\$57.39	02585	\$71.74
	1/2	1-1/4	1/2	3-1/8	01086	\$33.25	01586	\$41.56	02086	\$39.90	02586	\$49.87
	1/2	2-1/4	1/2	4-1/4	01087	\$42.00	01587	\$52.50	02087	\$50.41	02587	\$63.01
	1/2	3-1/4	5/8	5-1/2	01088	\$54.74	01588	\$68.42	02088	\$65.68	02588	\$82.10
	5/8	2-1/4	3/4	4-1/2	01089	\$60.55	01589	\$75.69	02089	\$72.65	02589	\$90.82
	5/8	3-1/4	3/4	5-1/2	01090	\$65.09	01590	\$81.36	02090	\$78.10	02590	\$97.63
	5/8	4-1/4	3/4	6-1/2	01091	\$74.03	01591	\$92.54	02091	\$88.83	02591	\$111.03
3/4	2-1/4	3/4	4-3/4	01092	\$67.29	01592	\$84.11	02092	\$80.75	02592	\$100.94	
3/4	5-1/4	1	7-3/4	01093	\$138.09	01593	\$172.61	02093	\$165.70	02593	\$207.12	
2°	1/16	1/2	3/8	2-5/8	01094	\$20.45	01594	\$25.56	02094	\$24.54	02594	\$30.67
	1/16	1	3/8	2-7/8	01095	\$21.54	01595	\$26.92	02095	\$25.84	02595	\$32.30
	3/32	1/2	3/8	2-1/2	01096	\$17.33	01596	\$21.67	02096	\$20.80	02596	\$26.00
	3/32	3/4	3/8	2-1/2	01097	\$18.65	01597	\$23.32	02097	\$22.39	02597	\$27.99
	3/32	1-1/4	3/8	3-1/4	01098	\$21.36	01598	\$26.70	02098	\$25.64	02598	\$32.05
	1/8	1/2	3/8	2-1/2	01099	\$17.67	01599	\$22.08	02099	\$21.19	02599	\$26.49
	1/8	3/4	3/8	2-1/2	01100	\$18.83	01600	\$23.53	02100	\$22.59	02600	\$28.24
	1/8	1	3/8	2-7/8	01101	\$21.12	01601	\$26.39	02101	\$25.33	02601	\$31.67
	1/8	1-1/4	3/8	3-1/8	01102	\$21.62	01602	\$27.03	02102	\$25.94	02602	\$32.43
	1/8	1-1/2	3/8	3-1/4	01103	\$24.23	01603	\$30.29	02103	\$29.09	02603	\$36.36
	1/8	2	3/8	3-7/8	01104	\$32.48	01604	\$40.60	02104	\$38.99	02604	\$48.73
	3/16	3/4	3/8	2-1/2	01105	\$19.00	01605	\$23.75	02105	\$22.81	02605	\$28.51
	3/16	1-1/4	3/8	3-1/8	01106	\$22.80	01606	\$28.50	02106	\$27.36	02606	\$34.20
	3/16	2	3/8	3-7/8	01107	\$33.16	01607	\$41.45	02107	\$39.80	02607	\$49.75
	1/4	3/4	3/8	2-1/2	01108	\$19.00	01608	\$23.75	02108	\$22.81	02608	\$28.51

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DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # HSS SQ. END	SQ. END PRICE	SQ. END EDP# TiN	SQ. END TiN PRICE	EDP # HSS BALL END	BALL END PRICE	EDP # BALL END TiN	BALL END TiN PRICE
2°	1/4	1-1/4	3/8	3-1/8	01109	\$23.88	01609	\$29.86	02109	\$28.67	02609	\$35.83
	1/4	2-1/4	1/2	4-1/4	01110	\$33.67	01610	\$42.08	02110	\$40.41	02610	\$50.51
	1/4	3-1/4	1/2	5-1/2	01111	\$50.01	01611	\$62.52	02111	\$60.01	02611	\$75.02
	3/8	1-1/4	1/2	3-1/8	01112	\$31.23	01612	\$39.04	02112	\$37.48	02612	\$46.85
	3/8	2-1/4	1/2	4-1/4	01113	\$39.06	01613	\$48.82	02113	\$46.87	02613	\$58.59
	3/8	3-1/4	5/8	5-1/2	01114	\$52.20	01614	\$65.25	02114	\$62.65	02614	\$78.32
	1/2	1-1/4	1/2	3-1/8	01115	\$33.58	01615	\$41.97	02115	\$40.30	02615	\$50.38
	1/2	2-1/4	1/2	4-1/4	01116	\$42.42	01616	\$53.03	02116	\$50.91	02616	\$63.64
	1/2	3-1/4	5/8	5-1/2	01117	\$63.06	01617	\$78.82	02117	\$74.78	02617	\$93.48
	5/8	2-1/4	3/4	4-1/2	01118	\$63.49	01618	\$79.37	02118	\$76.19	02618	\$95.24
	5/8	3-1/4	3/4	5-1/2	01119	\$67.29	01619	\$84.11	02119	\$80.75	02619	\$100.94
	5/8	4-1/4	3/4	6-1/2	01120	\$76.13	01620	\$95.16	02120	\$91.36	02620	\$114.20
	3/4	2-1/4	3/4	4-1/2	01121	\$74.62	01621	\$93.28	02121	\$89.54	02621	\$111.92
	3/4	3-1/4	1	5-3/4	01122	\$85.74	01622	\$107.17	02122	\$102.90	02622	\$128.62
3°	3/4	5-1/4	1	7-3/4	01123	\$146.59	01623	\$183.24	02123	\$175.91	02623	\$219.89
	1/16	1/2	3/8	2-5/8	01124	\$20.19	01624	\$25.24	02124	\$24.23	02624	\$30.29
	1/16	3/4	3/8	2-7/8	01125	\$20.64	01625	\$25.80	02125	\$24.77	02625	\$30.96
	1/16	1	3/8	2-7/8	01126	\$21.88	01626	\$27.36	02126	\$26.26	02626	\$32.83
	0.07	1-1/2	3/8	3-1/4	01127	\$23.88	01627	\$29.86	02127	\$28.67	02627	\$35.83
	3/32	3/4	3/8	2-7/8	01128	\$18.93	01628	\$23.66	02128	\$22.72	02628	\$28.41
	3/32	1	3/8	2-7/8	01129	\$20.70	01629	\$25.87	02129	\$24.83	02629	\$31.03
	3/32	1-1/4	3/8	3-1/8	01130	\$21.46	01630	\$26.83	02130	\$25.75	02630	\$32.19
	3/32	1-1/2	3/8	3-1/4	01131	\$22.55	01631	\$28.19	02131	\$27.06	02631	\$33.82
	3/32	2	3/8	3-5/8	01132	\$25.93	01632	\$32.41	02132	\$31.12	02632	\$38.89
	3/32	2-1/2	3/8	4-1/2	01133	\$31.48	01633	\$39.35	02133	\$37.77	02633	\$47.21
	7/64	1	3/8	2-7/8	01134	\$20.61	01634	\$25.76	02134	\$24.72	02634	\$30.91
	7/64	1-1/2	3/8	3-1/4	01135	\$22.97	01635	\$28.71	02135	\$27.58	02635	\$34.47
	7/64	2	3/8	3-5/8	01136	\$26.00	01636	\$32.50	02136	\$31.20	02636	\$39.00
	1/8	3/4	3/8	2-1/2	01137	\$19.00	01637	\$23.75	02137	\$22.81	02637	\$28.51
	1/8	1	3/8	2-7/8	01138	\$21.19	01638	\$26.49	02138	\$25.42	02638	\$31.78
	1/8	1-1/4	3/8	3-1/8	01139	\$22.68	01639	\$28.35	02139	\$27.16	02639	\$33.95
	1/8	1-1/2	3/8	3-1/4	01140	\$26.17	01640	\$32.72	02140	\$31.41	02640	\$39.26
	1/8	2	3/8	3-5/8	01141	\$33.58	01641	\$41.97	02141	\$40.30	02641	\$50.38
	1/8	2-1/2	3/8	4-1/2	01142	\$38.30	01642	\$47.88	02142	\$45.97	02642	\$57.46
	1/8	3	3/8	5	01143	\$43.61	01643	\$54.51	02143	\$52.33	02643	\$65.42
	1/8	1-1/8	3/8	2-3/4	01144	\$21.46	01644	\$26.83	02144	\$25.75	02644	\$32.19
	5/32	1	3/8	2-7/8	01145	\$21.46	01645	\$26.83	02145	\$25.75	02645	\$32.19
	5/32	1-1/4	3/8	3-1/8	01146	\$22.38	01646	\$27.97	02146	\$26.84	02646	\$33.55
	5/32	1-1/2	3/8	3-1/4	01147	\$23.29	01647	\$29.11	02147	\$27.96	02647	\$34.95
	5/32	2	3/8	3-5/8	01148	\$33.83	01648	\$42.28	02148	\$40.59	02648	\$50.74
	3/16	3/4	3/8	2-1/2	01149	\$19.51	01649	\$24.38	02149	\$23.41	02649	\$29.26
	3/16	1-1/4	3/8	3-1/8	01150	\$23.57	01650	\$29.46	02150	\$28.29	02650	\$35.36
	3/16	1-1/2	3/8	3-1/8	01151	\$27.01	01651	\$33.77	02151	\$32.41	02651	\$40.51
	3/16	2	1/2	4-1/8	01152	\$34.10	01652	\$42.63	02152	\$40.93	02652	\$51.16
	3/16	2-1/2	1/2	4-1/2	01153	\$41.42	01653	\$51.78	02153	\$49.70	02653	\$62.12
	3/16	3	1/2	5	01154	\$48.00	01654	\$60.00	02154	\$57.61	02654	\$72.01
	3/16	3-1/4	5/8	5-1/2	01155	\$54.58	01655	\$68.22	02155	\$65.49	02655	\$81.87
	3/16	4	5/8	6-1/2	01156	\$66.19	01656	\$82.74	02156	\$79.43	02656	\$99.29
3/16	5	3/4	7-1/4	01157	\$105.13	01657	\$131.41	02157	\$126.16	02657	\$157.70	
1/4	3/4	3/8	2-1/2	01158	\$20.19	01658	\$25.24	02158	\$24.23	02658	\$30.29	
1/4	1	3/8	2-3/4	01159	\$21.96	01659	\$27.45	02159	\$26.35	02659	\$32.93	
1/4	1-1/4	3/8	3-1/8	01160	\$23.88	01660	\$29.86	02160	\$28.67	02660	\$35.83	
1/4	2-1/4	1/2	4-1/4	01161	\$37.80	01661	\$47.25	02161	\$45.36	02661	\$56.70	
1/4	3-1/4	5/8	5-1/2	01162	\$63.25	01662	\$79.06	02162	\$75.90	02662	\$94.87	
1/4	4	5/8	6-1/2	01163	\$68.48	01663	\$85.60	02163	\$82.17	02663	\$102.72	
1/4	5	3/4	7-3/8	01164	\$113.99	01664	\$142.48	02164	\$136.77	02664	\$170.96	

Custom Specials:

In addition to our standard product line, Whitney Tool offers custom tools, made to your specification or application. Please use the request form on the back cover to request a quotation for custom tooling.

All tools available with coatings: TiN, TiCN, TiAlN - Call us for a quote.

DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # HSS SQ. END	SQ. END PRICE	SQ. END EDP# TiN	SQ. END TiN PRICE	EDP # HSS BALL END	BALL END PRICE	EDP # BALL END TiN	BALL END TiN PRICE
3°	3/8	1-1/4	1/2	3-1/8	01165	\$32.32	01665	\$40.40	02165	\$38.77	02665	\$48.47
	3/8	2-1/4	5/8	4-1/4	01166	\$51.45	01666	\$64.06	02166	\$60.89	02666	\$76.09
	3/8	3-1/4	3/4	5-1/2	01167	\$73.96	01667	\$92.45	02167	\$88.74	02667	\$110.92
	3/8	4	3/4	6-1/2	01168	\$88.36	01668	\$110.45	02168	\$106.03	02668	\$132.54
	3/8	5	3/4	7-1/2	01169	\$123.09	01669	\$153.86	02169	\$147.70	02669	\$184.62
	1/2	1-1/4	1/2	3-1/8	01170	\$34.68	01670	\$43.35	02170	\$41.62	02670	\$52.03
	1/2	2-1/4	5/8	4-1/4	01171	\$60.89	01671	\$76.09	02171	\$70.01	02671	\$88.76
	1/2	2-1/4	1/2	4-1/8	01172	\$50.43	01672	\$63.04	02172	\$60.52	02672	\$75.65
	1/2	3-1/4	3/4	5-1/2	01173	\$82.58	01673	\$103.22	02173	\$99.10	02673	\$123.88
	1/2	4	3/4	6-1/2	01174	\$105.97	01674	\$132.46	02174	\$127.17	02674	\$158.97
	1/2	5	1	7-1/2	01175	\$145.49	01675	\$181.87	02175	\$174.59	02675	\$218.24
	5/8	2-1/4	3/4	4-1/2	01176	\$73.01	01676	\$91.27	02176	\$87.62	02676	\$109.53
	5/8	3-1/4	3/4	5-1/2	01177	\$104.29	01677	\$130.36	02177	\$125.14	02677	\$156.43
	5/8	4	1	6-1/2	01178	\$123.99	01678	\$154.98	02178	\$148.80	02678	\$186.00
	5/8	5	1	7-1/2	01179	\$157.62	01679	\$197.03	02179	\$189.16	02679	\$236.45
	3/4	2-1/4	1	4-3/4	01180	\$85.41	01680	\$106.76	02180	\$102.49	02680	\$128.12
	3/4	3-1/4	1	5-3/4	01181	\$134.03	01681	\$167.54	02181	\$160.84	02681	\$201.05
	3/4	4	1	6-1/2	01182	\$157.96	01682	\$197.45	02182	\$189.55	02682	\$236.94
3/4	5	1	7-1/2	01183	\$185.70	01683	\$232.12	02183	\$222.83	02683	\$278.53	
4°	3/32	1	3/8	2-7/8	01184	\$23.29	01684	\$29.11	02184	\$27.96	02684	\$34.95
	1/8	3/4	3/8	2-1/2	01185	\$19.42	01685	\$24.28	02185	\$23.30	02685	\$29.13
	1/8	1	3/8	2-7/8	01186	\$21.62	01686	\$27.03	02186	\$25.94	02686	\$32.43
	1/8	1-1/2	3/8	3-1/4	01187	\$26.52	01687	\$33.15	02187	\$31.83	02687	\$39.78
	1/8	2	1/2	3-7/8	01188	\$36.64	01688	\$45.80	02188	\$43.96	02688	\$54.95
	1/8	2-1/2	1/2	4-1/2	01189	\$42.25	01689	\$52.81	02189	\$50.71	02689	\$63.39
	3/16	3/4	3/8	2-1/2	01190	\$19.86	01690	\$24.82	02190	\$23.83	02690	\$29.78
	3/16	1-1/4	3/8	3-1/8	01191	\$28.43	01691	\$35.54	02191	\$34.13	02691	\$42.66
	3/16	2-1/2	1/2	4-1/2	01192	\$54.90	01692	\$68.62	02192	\$65.87	02692	\$82.34
	3/16	3-1/4	5/8	5-1/2	01193	\$76.33	01693	\$95.42	02193	\$91.61	02693	\$114.51
	3/16	4	3/4	6-1/2	01194	\$101.33	01694	\$126.67	02194	\$121.61	02694	\$152.01
	1/4	3/4	3/8	2-1/2	01195	\$21.54	01695	\$26.92	02195	\$25.84	02695	\$32.30
	1/4	1-1/4	1/2	3-1/8	01196	\$28.94	01696	\$36.18	02196	\$34.74	02696	\$43.42
	1/4	2-1/4	5/8	4-1/4	01197	\$45.97	01697	\$57.46	02197	\$55.16	02697	\$68.95
	1/4	3-1/4	3/4	5-1/2	01198	\$75.65	01698	\$94.57	02198	\$90.77	02698	\$113.46
	1/4	4	3/4	6-1/2	01199	\$105.97	01699	\$132.46	02199	\$127.17	02699	\$158.97
	3/8	1-1/4	1/2	3-1/8	01200	\$38.39	01700	\$47.99	02200	\$46.07	02700	\$57.59
	3/8	2-1/4	5/8	4-1/4	01201	\$54.23	01701	\$67.79	02201	\$65.07	02701	\$81.34
	3/8	3-1/4	3/4	5-1/2	01202	\$89.30	01702	\$111.63	02202	\$107.16	02702	\$133.95
	3/8	4	3/4	6-1/2	01203	\$133.61	01703	\$167.01	02203	\$160.33	02703	\$200.42
5°	1/2	1-1/4	1/2	3-1/8	01204	\$44.71	01704	\$55.89	02204	\$53.65	02704	\$67.07
	1/2	2-1/4	3/4	4-1/2	01205	\$75.48	01705	\$94.35	02205	\$90.57	02705	\$113.21
	1/2	3-1/4	3/4	5-1/2	01206	\$113.32	01706	\$141.65	02206	\$135.97	02706	\$169.96
	1/2	4	1	6-1/2	01207	\$161.42	01707	\$201.78	02207	\$193.70	02707	\$242.12
	1/16	1/2	3/8	2-5/8	01208	\$20.52	01708	\$25.65	02208	\$24.62	02708	\$30.78
	1/16	3/4	3/8	2-7/8	01209	\$21.46	01709	\$26.83	02209	\$25.75	02709	\$32.19
	1/16	1	3/8	3-1/4	01210	\$22.38	01710	\$27.97	02210	\$26.84	02710	\$33.55
	1/16	1-1/2	3/8	3-1/4	01211	\$25.58	01711	\$31.97	02211	\$30.70	02711	\$38.37
	1/16	1-1/2	3/8	3-1/4	01212	\$25.75	01712	\$32.19	02212	\$30.90	02712	\$38.62
	3/32	1/2	3/8	2-5/8	01213	\$20.45	01713	\$25.56	02213	\$24.54	02713	\$30.67
	3/32	3/4	3/8	2-1/2	01214	\$20.70	01714	\$25.87	02214	\$24.83	02714	\$31.03
	3/32	1	3/8	2-7/8	01215	\$21.12	01715	\$26.39	02215	\$25.33	02715	\$31.67
	3/32	1-1/4	3/8	3-1/8	01216	\$22.22	01716	\$27.77	02216	\$26.65	02716	\$33.32
	3/32	1-1/2	3/8	3-1/4	01217	\$22.87	01717	\$28.59	02217	\$27.45	02717	\$34.31
3/32	1-3/4	1/2	3-7/8	01218	\$24.06	01718	\$30.07	02218	\$28.87	02718	\$36.09	
3/32	2	1/2	3-7/8	01219	\$26.59	01719	\$33.24	02219	\$31.91	02719	\$39.89	
3/32	2-1/2	1/2	4-1/2	01220	\$34.52	01720	\$43.15	02220	\$41.42	02720	\$51.78	
7/64	1	3/8	2-7/8	01221	\$21.19	01721	\$26.49	02221	\$25.42	02721	\$31.78	
7/64	1-1/2	3/8	3-1/4	01222	\$23.29	01722	\$29.11	02222	\$27.96	02722	\$34.95	
7/64	2	1/2	3-7/8	01223	\$26.59	01723	\$33.24	02223	\$31.91	02723	\$39.89	

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DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # HSS SQ. END	SQ. END PRICE	SQ. END EDP# TiN	SQ. END TiN PRICE	EDP # HSS BALL END	BALL END PRICE	EDP # BALL END TiN	BALL END TiN PRICE
5°	1/8	3/4	3/8	2-1/2	01224	\$19.17	01724	\$23.97	02224	\$23.01	02724	\$28.77
	1/8	1	3/8	2-7/8	01225	\$21.36	01725	\$26.70	02225	\$25.64	02725	\$32.05
	1/8	1-1/8	3/8	3	01226	\$21.96	01726	\$27.45	02226	\$26.35	02726	\$32.93
	1/8	1-1/4	3/8	3-1/8	01227	\$22.97	01727	\$28.71	02227	\$27.58	02727	\$34.47
	1/8	1-1/2	3/8	3-1/4	01228	\$26.42	01728	\$33.03	02228	\$31.70	02728	\$39.62
	1/8	2	1/2	3-7/8	01229	\$34.68	01729	\$43.35	02229	\$41.62	02729	\$52.03
	1/8	2	3/8	3-7/8	01230	\$35.87	01730	\$44.84	02230	\$43.04	02730	\$53.80
	1/8	2-1/2	1/2	4-1/2	01231	\$41.35	01731	\$51.68	02231	\$49.61	02731	\$62.01
	1/8	3	3/4	5-1/2	01232	\$63.67	01732	\$79.58	02232	\$76.41	02732	\$95.51
	1/8	3	1/2	5-1/2	01233	\$56.09	01733	\$70.11	02233	\$67.29	02733	\$84.11
	5/32	1	3/8	2-7/8	01234	\$21.78	01734	\$27.23	02234	\$26.13	02734	\$32.66
	5/32	1-1/2	1/2	3-3/4	01235	\$23.46	01735	\$29.33	02235	\$28.16	02735	\$35.20
	5/32	2	1/2	3-7/8	01236	\$34.23	01736	\$42.79	02236	\$41.09	02736	\$51.36
	3/16	3/4	3/8	2-1/2	01237	\$19.59	01737	\$24.49	02237	\$23.52	02737	\$29.40
	3/16	1-1/4	1/2	3-1/8	01238	\$24.74	01738	\$30.92	02238	\$29.68	02738	\$37.10
	3/16	1-1/2	1/2	3-1/8	01239	\$28.28	01739	\$35.34	02239	\$33.94	02739	\$42.43
	3/16	2	1/2	4-1/8	01240	\$37.88	01740	\$47.36	02240	\$45.46	02740	\$56.83
	3/16	2-1/2	1/2	4-1/2	01241	\$53.97	01741	\$67.46	02241	\$64.77	02741	\$80.96
	3/16	3	1/2	5	01243	\$65.28	01743	\$81.59	02243	\$78.32	02743	\$97.90
	3/16	3	3/4	5-1/2	01244	\$72.46	01744	\$90.58	02244	\$86.96	02744	\$108.70
	3/16	3-1/4	3/4	5-1/2	01245	\$73.07	01745	\$91.34	02245	\$87.68	02745	\$109.60
	3/16	4	3/4	6-1/2	01246	\$91.48	01746	\$114.35	02246	\$109.78	02746	\$137.23
	3/16	5	1	7-1/2	01247	\$127.71	01747	\$159.64	02247	\$153.25	02747	\$191.56
	1/4	3/4	3/8	2-1/2	01248	\$20.87	01748	\$26.09	02248	\$25.04	02748	\$31.30
	1/4	1	1/2	2-7/8	01249	\$22.80	01749	\$28.50	02249	\$27.36	02749	\$34.20
	1/4	1-1/4	1/2	3-1/8	01250	\$25.75	01750	\$32.19	02250	\$30.90	02750	\$38.62
	1/4	2-1/4	5/8	4-1/4	01251	\$42.77	01751	\$53.46	02251	\$51.33	02751	\$64.17
	1/4	3-1/4	3/4	5-1/2	01252	\$73.78	01752	\$92.23	02252	\$88.54	02752	\$110.67
	1/4	4	3/4	6-1/2	01253	\$102.19	01753	\$127.74	02253	\$122.62	02753	\$153.28
	3/8	3-1/4	1/2	3-1/8	01254	\$34.59	01754	\$43.24	02254	\$41.51	02754	\$51.88
	3/8	2-1/4	3/4	4-1/4	01255	\$52.71	01755	\$65.89	02255	\$63.26	02755	\$79.08
	3/8	3-1/4	3/4	5-1/2	01256	\$82.20	01756	\$102.75	02256	\$98.65	02756	\$123.32
	3/8	4	1	6-1/2	01257	\$130.67	01757	\$163.33	02257	\$156.80	02757	\$196.00
	3/8	5	1-1/4	7-1/2	01258	\$166.48	01758	\$208.10	02258	\$199.77	02758	\$249.71
	1/2	3-1/4	1/2	3-1/8	01259	\$41.68	01759	\$52.10	02259	\$50.01	02759	\$62.52
	1/2	4-1/4	3/4	4-1/4	01260	\$70.42	01760	\$88.03	02260	\$84.49	02760	\$105.62
1/2	3-1/4	1	5-3/4	01261	\$105.80	01761	\$132.25	02261	\$126.96	02761	\$158.70	
1/2	4	1	6-1/2	01262	\$142.04	01762	\$177.55	02262	\$170.45	02762	\$213.06	
1/2	5	1-1/4	7-1/2	01263	\$182.90	01763	\$228.62	02263	\$219.48	02763	\$274.35	
5/8	2-1/4	3/4	4-1/2	01264	\$95.26	01764	\$119.08	02264	\$114.32	02764	\$142.90	
5/8	5	1-1/4	7-1/2	01265	\$209.88	01765	\$262.36	02265	\$251.86	02765	\$314.82	
3/4	2-1/4	3/4	4-1/2	01266	\$95.26	01766	\$119.08	02266	\$114.32	02766	\$142.90	
3/4	4	1-1/4	6-1/2	01267	\$222.94	01767	\$278.68	02267	\$267.54	02767	\$334.42	
3/4	5	1-1/4	7-1/2	01268	\$248.22	01768	\$310.27	02268	\$297.86	02768	\$372.32	
7°	1/16	1	3/8	2-7/8	01269	\$23.46	01769	\$29.33	02269	\$28.16	02769	\$35.20
	1/16	1-1/2	1/2	3-1/4	01270	\$29.46	01770	\$36.83	02270	\$35.36	02770	\$44.20
	0.07	1	3/8	2-3/4	01271	\$23.46	01771	\$29.33	02271	\$28.16	02771	\$35.20
	3/32	1	3/8	2-7/8	01272	\$21.78	01772	\$27.23	02272	\$26.13	02772	\$32.66
	3/32	1-1/4	1/2	3-1/8	01273	\$22.80	01773	\$28.50	02273	\$27.36	02773	\$34.20
	3/32	1-1/2	1/2	3-1/4	01274	\$24.22	01774	\$30.27	02274	\$29.06	02774	\$36.32
	1/8	3/4	3/8	2-1/2	01275	\$19.86	01775	\$24.82	02275	\$23.83	02775	\$29.78
	1/8	1	3/8	2-7/8	01276	\$21.88	01776	\$27.36	02276	\$26.26	02776	\$32.83
	1/8	1-1/2	1/2	3-1/4	01277	\$26.77	01777	\$33.46	02277	\$32.12	02777	\$40.14
	1/8	2	5/8	4-1/8	01278	\$39.72	01778	\$49.66	02278	\$47.67	02778	\$59.58
	1/8	3	3/4	5-1/4	01279	\$67.81	01779	\$84.76	02279	\$81.38	02779	\$101.72
	3/16	1-1/4	1/2	3-1/8	01280	\$29.96	01780	\$37.45	02280	\$35.94	02780	\$44.93
	3/16	3	3/4	5-1/4	01281	\$83.90	01781	\$104.87	02281	\$100.68	02781	\$125.85
1/4	3/4	1/2	2-1/2	01282	\$26.59	01782	\$33.24	02282	\$31.91	02782	\$39.89	

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7°	1/4	1-1/4	1/2	3-1/8	01283	\$30.81	01783	\$38.51	02283	\$36.97	02783	\$46.21
	1/4	2-1/4	3/4	4-1/2	01284	\$59.03	01784	\$73.79	02284	\$70.84	02784	\$88.55
	1/4	3-1/4	1	5-3/4	01285	\$93.59	01785	\$116.99	02285	\$112.30	02785	\$140.38
	1/4	4	1	6-1/2	01286	\$124.51	01786	\$155.63	02286	\$149.42	02786	\$186.78
	5/16	3-1/4	1	5-3/4	01287	\$108.75	01787	\$135.94	02287	\$130.49	02787	\$163.12
	3/8	2-1/4	3/4	4-1/4	01288	\$75.71	01788	\$94.64	02288	\$90.86	02788	\$113.57
	3/8	3-1/4	1	5-3/4	01289	\$124.42	01789	\$155.53	02289	\$149.30	02789	\$186.63
	3/8	4	1-1/4	6-1/2	01290	\$162.68	01790	\$203.35	02290	\$195.23	02790	\$244.04
	1/2	1-1/4	5/8	3-1/4	01291	\$49.52	01791	\$61.90	02291	\$59.42	02791	\$74.28
	1/2	2-1/4	1	4-3/4	01292	\$89.97	01792	\$112.46	02292	\$107.96	02792	\$134.95
	1/2	3-1/4	1-1/4	5-3/4	01293	\$144.64	01793	\$180.80	02293	\$173.57	02793	\$216.96
	1/2	4	1-1/4	6-1/2	01294	\$178.45	01794	\$223.06	02294	\$214.14	02794	\$267.68
	5/8	4	1-1/4	6-1/2	01295	\$210.30	01795	\$262.88	02295	\$252.36	02795	\$315.45
	5/8	5	1-1/4	7-1/2	01296	\$233.48	01796	\$291.85	02296	\$280.17	02796	\$350.22
	3/4	3-1/4	1-1/4	5-3/4	01297	\$189.65	01797	\$237.07	02297	\$227.58	02797	\$284.47
3/4	4	1-1/4	6-1/2	01298	\$274.58	01798	\$343.22	02298	\$329.49	02798	\$411.87	
10°	1/16	1/2	3/8	2-3/8	01299	\$24.00	01799	\$30.00	02299	\$32.00	02799	\$40.00
	1/16	3/4	3/8	2-5/8	01300	\$26.00	01800	\$32.50	02300	\$34.00	02800	\$42.50
	1/16	1	1/2	2-7/8	01301	\$38.00	01801	\$47.50	02301	\$51.00	02801	\$59.38
	1/16	1	3/8	2-7/8	01302	\$37.88	01802	\$47.36	02302	\$45.46	02802	\$56.83
	3/32	1/2	3/8	2-1/2	01303	\$21.36	01803	\$26.70	02303	\$25.64	02803	\$32.05
	3/32	3/4	3/8	2-7/8	01304	\$22.30	01804	\$27.88	02304	\$26.75	02804	\$33.44
	3/32	1-1/2	1/2	3-3/8	01305	\$40.00	01805	\$50.00	02305	\$48.00	02805	\$60.00
	1/8	3/4	3/8	2-1/2	01306	\$20.70	01806	\$25.87	02306	\$24.83	02806	\$31.03
	1/8	1-1/4	1/2	3-1/8	01307	\$33.16	01807	\$41.45	02307	\$39.80	02807	\$49.75
	1/8	1-1/2	5/8	3-5/8	01308	\$38.04	01808	\$47.55	02308	\$45.65	02808	\$57.07
	3/16	1-1/4	1/2	3-1/8	01309	\$34.42	01809	\$43.03	02309	\$41.30	02809	\$51.63
	3/16	2-1/4	3/4	4-1/2	01310	\$89.20	01810	\$111.50	02310	\$107.04	02810	\$133.80
	1/4	3/4	1/2	2-1/2	01311	\$27.01	01811	\$33.77	02311	\$32.41	02811	\$40.51
	1/4	1-1/4	1/2	3-1/8	01312	\$38.88	01812	\$48.61	02312	\$46.67	02812	\$58.33
	1/4	2-1/4	3/4	4-1/4	01313	\$84.32	01813	\$105.40	02313	\$101.17	02813	\$126.47
	3/8	1-1/4	5/8	3-1/4	01314	\$47.83	01814	\$59.78	02314	\$57.39	02814	\$71.74
	3/8	2-1/4	1	4-5/8	01315	\$99.14	01815	\$123.93	02315	\$118.97	02815	\$148.71
	3/8	3-1/4	1-1/4	5-3/4	01316	\$179.88	01816	\$224.86	02316	\$215.86	02816	\$269.82
	1/2	1-1/4	3/4	3-3/8	01317	\$57.00	01817	\$71.25	02317	\$68.41	02817	\$85.51
	1/2	2-1/4	1	4-5/8	01318	\$114.65	01818	\$143.32	02318	\$137.59	02818	\$171.99
1/2	3-1/4	1-1/4	5-3/4	01319	\$194.46	01819	\$243.08	02319	\$233.35	02819	\$291.68	
1/2	4	1-1/4	6-3/8	01320	\$252.61	01820	\$315.76	02320	\$303.13	02820	\$378.91	
15°	1/16	3/4	1/2	2-3/4	01321	\$33.58	01821	\$41.97	02321	\$40.30	02821	\$50.38
	3/32	3/4	1/2	2-3/4	01322	\$27.28	01822	\$34.09	02322	\$32.72	02822	\$40.91
	3/32	1	1/2	2-7/8	01323	\$36.29	01823	\$45.36	02323	\$43.54	02823	\$54.42
	3/32	1-1/2	1/2	3-7/16	01324	\$48.25	01824	\$60.31	02324	\$57.90	02824	\$72.37
	1/8	1/2	3/8	2-1/2	01325	\$23.64	01825	\$29.55	02325	\$28.38	02825	\$35.47
	1/8	3/4	1/2	2-1/2	01326	\$27.86	01826	\$34.82	02326	\$33.43	02826	\$41.79
	1/8	1	1/2	3	01327	\$34.17	01827	\$42.72	02327	\$41.01	02827	\$51.27
	1/8	1-1/4	1/2	3-1/8	01328	\$42.17	01828	\$52.72	02328	\$50.62	02828	\$63.28
	3/16	1	1/2	3	01329	\$37.19	01829	\$46.49	02329	\$44.64	02829	\$55.80
	3/16	1-1/4	3/4	3-1/2	01330	\$50.12	01830	\$62.64	02330	\$60.13	02830	\$75.16
	3/16	1-1/4	1/2	3-1/4	01331	\$50.54	01831	\$63.17	02331	\$60.64	02831	\$75.80
	3/16	2	1	4-1/2	01332	\$119.45	01832	\$149.31	02332	\$143.35	02832	\$179.18
1/4	1	1/2	3	01333	\$46.41	01833	\$58.01	02333	\$55.68	02833	\$69.60	

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All tools available with coatings: TiN, TiCN, TiAlN - Call us for a quote.

DEGREES PER SIDE	TIP DIA.	LOC	SHANK	OAL	EDP # HSS SQ. END	SQ. END PRICE	SQ. END EDP# TiN	SQ. END TiN PRICE	EDP # HSS BALL END	BALL END PRICE	EDP # BALL END TiN	BALL END TiN PRICE
15°	1/4	1-1/4	3/4	3-1/2	01334	\$60.87	01834	\$76.09	02334	\$72.46	02834	\$90.58
	1/4	1-1/4	1/2	3-1/4	01335	\$52.29	01835	\$65.36	02335	\$62.75	02835	\$78.44
	1/4	1-1/2	3/4	3-3/4	01336	\$61.72	01836	\$77.16	02336	\$74.07	02836	\$92.59
	1/4	2-1/4	1	4-3/4	01337	\$130.23	01837	\$162.79	02337	\$156.28	02837	\$195.34
	1/4	3-1/4	1-1/4	5-3/4	01338	\$157.04	01838	\$196.30	02338	\$188.45	02838	\$235.56
	5/16	1	3/4	3-1/4	01339	\$52.54	01839	\$65.67	02339	\$63.04	02839	\$78.80
	5/16	1-1/2	3/4	3-3/4	01340	\$67.54	01840	\$84.42	02340	\$81.04	02840	\$101.30
	3/8	1-1/4	3/4	3-1/2	01341	\$61.03	01841	\$76.29	02341	\$73.23	02841	\$91.54
	3/8	2-1/4	1-1/4	4-3/4	01342	\$146.09	01842	\$182.61	02342	\$175.30	02842	\$219.13
	1/2	1	3/4	3-1/4	01343	\$64.09	01843	\$80.11	02343	\$76.90	02843	\$96.12
	1/2	1-1/4	3/4	3-1/2	01344	\$76.90	01844	\$96.12	02344	\$92.28	02844	\$115.34
	1/2	1-3/4	1	4-1/4	01345	\$136.22	01845	\$170.27	02345	\$163.46	02845	\$204.33
1/2	2-1/4	1-1/4	4-3/4	01346	\$180.38	01846	\$225.47	02346	\$216.45	02846	\$270.56	
1/2	3-1/4	1-1/2	6	01347	\$260.19	01847	\$325.24	02347	\$312.23	02847	\$390.29	
20°	3/32	3/4	1/2	2-3/4	01348	\$33.75	01848	\$42.19	02348	\$40.51	02848	\$50.63
	1/8	1/2	3/8	2-1/2	01349	\$28.10	01849	\$35.13	02349	\$33.72	02849	\$42.16
	1/8	1	1/2	3	01350	\$59.28	01850	\$74.09	02350	\$71.14	02850	\$88.93
	3/16	1	1/2	3	01351	\$63.25	01851	\$79.06	02351	\$75.90	02851	\$94.87
	3/16	1-1/2	3/4	3-3/4	01352	\$93.46	01852	\$116.83	02352	\$112.16	02852	\$140.20
	1/4	1	1/2	3	01353	\$66.19	01853	\$82.74	02353	\$79.43	02853	\$99.29
	1/4	1-1/2	3/4	3-3/4	01354	\$102.43	01854	\$128.04	02354	\$122.93	02854	\$153.66
	5/16	1	3/4	3-1/4	01355	\$71.42	01855	\$89.28	02355	\$85.71	02855	\$107.14
	5/16	1-1/2	3/4	3-3/4	01356	\$105.97	01856	\$132.46	02356	\$127.17	02856	\$158.97
	3/8	1-1/2	3/4	3-3/4	01357	\$153.41	01857	\$191.76	02357	\$184.09	02857	\$230.11
3/8	2	1	4-1/2	01358	\$195.55	01858	\$244.44	02358	\$234.65	02858	\$293.32	
1/2	2-1/4	1-1/4	4-3/4	01359	\$234.32	01859	\$292.90	02359	\$281.17	02859	\$351.47	
25°	3/32	3/4	1/2	3	01360	\$40.32	01860	\$50.40	02360	\$48.38	02860	\$60.47
	1/8	1/2	1/2	2-1/2	01361	\$34.00	01861	\$42.50	02361	\$40.80	02861	\$51.00
	1/8	1	1/2	3	01362	\$70.00	01862	\$87.50	02362	\$84.00	02862	\$105.00
	1/4	1	5/8	3-1/4	01363	\$87.09	01863	\$108.86	02363	\$104.51	02863	\$130.63
	1/4	1-1/2	3/4	3-3/4	01364	\$143.22	01864	\$179.03	02364	\$171.87	02864	\$214.84
	5/16	3/4	5/8	3	01365	\$87.09	01865	\$108.86	02365	\$104.51	02865	\$130.63
	5/16	1	3/4	3-1/4	01366	\$90.46	01866	\$113.08	02366	\$108.57	02866	\$135.71
	5/16	1-1/2	1	4	01367	\$144.39	01867	\$180.49	02367	\$173.28	02867	\$216.59
	3/8	3/4	5/8	3	01368	\$96.36	01868	\$120.45	02368	\$115.64	02868	\$144.55
	3/8	1	3/4	3-1/4	01369	\$101.93	01869	\$127.41	02369	\$122.32	02869	\$152.90
3/8	1-1/2	1	4	01370	\$182.65	01870	\$228.32	02370	\$219.19	02870	\$273.99	
1/2	1-1/4	1	3-3/4	01371	\$181.58	01871	\$226.97	02371	\$217.88	02871	\$272.36	
30°	3/32	3/4	1/2	2-3/4	01372	\$43.19	01872	\$53.99	02372	\$51.83	02872	\$64.78
	1/8	1/2	1/2	2-1/2	01373	\$40.58	01873	\$50.72	02373	\$48.70	02873	\$60.87
	1/8	1	1/2	3	01374	\$104.13	01874	\$130.16	02374	\$124.96	02874	\$156.20
	1/4	1	3/4	3-1/4	01375	\$107.91	01875	\$134.89	02375	\$129.49	02875	\$161.87
	1/4	1-1/2	1	4	01376	\$183.83	01876	\$229.78	02376	\$220.59	02876	\$275.74
	3/8	1-1/4	1	3-3/4	01377	\$185.43	01877	\$231.79	02377	\$222.52	02877	\$278.15
	3/8	1-1/2	1	4	01378	\$202.78	01878	\$253.48	02378	\$243.35	02878	\$304.18
	1/2	1-1/4	1	3-3/4	01379	\$200.70	01879	\$250.87	02379	\$240.83	02879	\$301.03
45°	1/2	1-1/2	1	4	01380	\$216.26	01880	\$270.33	02380	\$259.52	02880	\$324.40
	1/8	5/16	1/2	2-1/2	01381	\$53.13	01881	\$66.41	02381	\$63.75	02881	\$79.69
	1/8	3/4	5/8	3	01382	\$123.09	01882	\$153.86	02382	\$147.70	02882	\$184.62
	1/8	1	1	3-3/4	01383	\$171.36	01883	\$214.20	02383	\$205.62	02883	\$257.03

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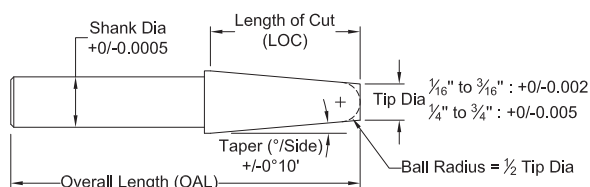
Distributed by:

Price Quotation Request

Company _____ Contact _____

Email _____ Phone _____ Fax _____

Tapered End Mill



Sketch Your Cutter Here, then Fax or Email to Whitney Tool for a Prompt Quote!

Provide us with the special features and dimensions and Whitney will quote standard specification on all other features. **Email us at quotes@whitneytool.com** or **Fax us at (812) 275-6458**

Cutter No. _____

Cutter Material:

- High Speed Steel TiCN Coated
- Solid Carbide TiAN Coated
- TiN Coated Other _____

No. of Teeth _____

Helix Angle _____

Cutting Rotation _____

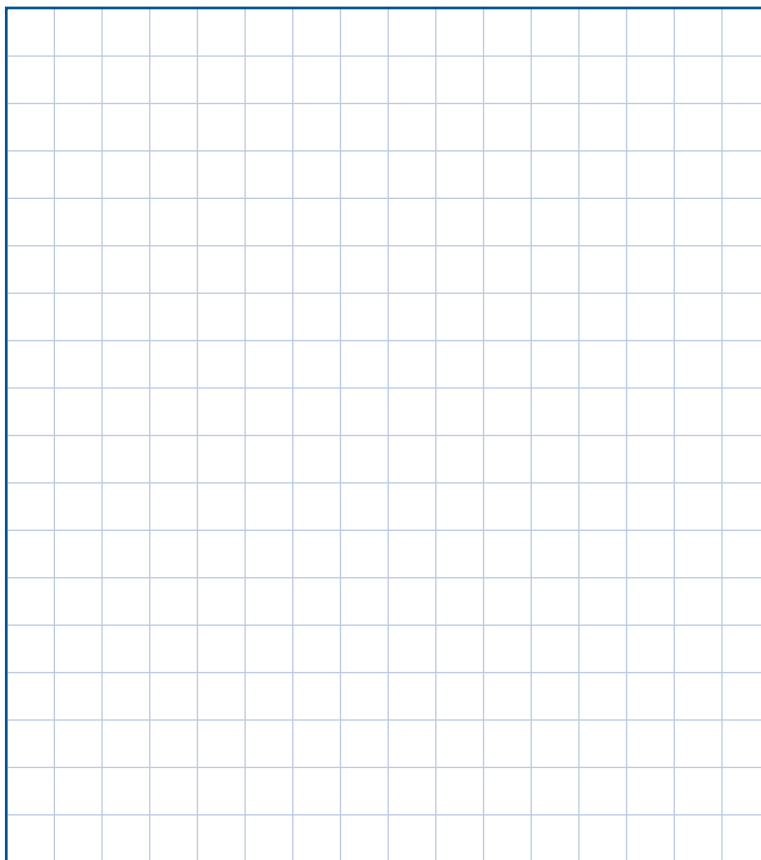
Shank & Drive Type _____

Quantity _____

Special Instructions _____

NOTE:

Whitney Tool can add radii to all types of cutters. Specify a radius on your sketch and we will provide a price and delivery.



906 R Street » PO Box 545 » Bedford, IN 47421

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Phone: 812-275-4491

Fax: 812-275-6458

email: sales@whitneytool.com

Scan this QR Code with your mobile phone's QR Reader. Or visit our website at www.whitneytool.com



ISO 9001:2008 Compliant

WTCEM_0613_5M