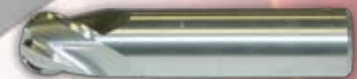


## Stub Length Endmills Square End



SQUARE END OD x LOC x ShankOD x OAL	4FL STD	2 FL STD	Price STD	4FL TiN	2 FL TiN	Price TiN	4 FL TiCN	2 FL TiCN	Price TiCN	4 FL TiAlN	2 FL TiAlN	Price TiAlN
1/32 x 1/16 x 1/8 x 1-1/2	56300	56301	\$12.18	56311	56312	\$14.22	56322	56323	\$14.83	56333	56334	\$14.83
3/64 x 3/32 x 1/8 x 1-1/2	56350	56351	\$12.18	56361	56362	\$14.22	56372	56373	\$14.83	56383	56384	\$14.83
1/16 x 1/8 x 1/8 x 1-1/2	56400	56401	\$10.58	56411	56412	\$12.62	56422	56423	\$13.28	56433	56434	\$13.28
3/32 x 3/16 x 1/8 x 1-1/2	56500	56501	\$10.58	56511	56512	\$12.62	56522	56523	\$13.28	56533	56534	\$13.28
1/8 x 1/4 x 1/8 x 1-1/2	57000	57001	\$10.58	57070	57071	\$12.62	57081	57082	\$13.28	57092	57093	\$13.28
5/32 x 5/16 x 3/16 x 2	56600	56601	\$15.16	56611	56612	\$17.53	56622	56623	\$18.63	56633	56634	\$18.63
3/16 x 3/8 x 3/16 x 2	57100	57101	\$14.66	57170	57171	\$17.03	57181	57182	\$18.13	57192	57193	\$18.13
7/32 x 7/16 x 1/4 x 2	57200	57201	\$19.40	57270	57271	\$23.81	57281	57282	\$23.98	57292	57293	\$23.98
1/4 x 1/2 x 1/4 x 2	57300	57301	\$19.13	57370	57371	\$22.43	57381	57382	\$23.70	57392	57393	\$23.70
5/16 x 1/2 x 5/16 x 2	57400	57401	\$26.13	57470	57471	\$31.14	57481	57482	\$33.13	57492	57493	\$33.13
3/8 x 5/8 x 3/8 x 2	57500	57501	\$29.99	57570	57571	\$37.37	57581	57580	\$38.64	57592	57593	\$38.64
7/16 x 5/8 x 7/16 x 3	57550	57551	\$40.73	57561	57562	\$52.53	57622	57623	\$56.00	57633	57634	\$56.00
1/2 x 5/8 x 1/2 x 2-1/2	57600	57601	\$44.04	57670	57671	\$60.74	57681	57682	\$64.38	57692	57693	\$64.38
5/8 x 3/4 x 5/8 x 3	57700	57701	\$99.38	57770	57771	\$110.57	57781	57782	\$115.15	57792	57793	\$115.15
3/4 x 1 x 3/4 x 3	57800	57801	\$123.03	57811	57812	\$137.52	57822	57823	\$143.04	57833	57834	\$143.04
1 x 1 x 1 x 3	57850	57851	\$212.93	57861	57862	\$232.77	57872	57873	\$237.07	57883	57884	\$237.07

## Ballnose



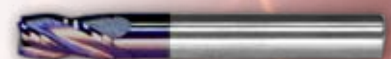
BALLNOSE OD x LOC x ShankOD x OAL	4FL STD	2 FL STD	Price STD	4FL TiN	2 FL TiN	Price TiN	4 FL TiCN	2 FL TiCN	Price TiCN	4 FL TiAlN	2 FL TiAlN	Price TiAlN
1/32 x 1/16 x 1/8 x 1-1/2	56304	56305	\$14.39	56315	56316	\$16.10	56326	56327	\$16.76	56337	56338	\$16.76
3/64 x 3/32 x 1/8 x 1-1/2	56354	56355	\$14.39	56365	56366	\$16.10	56376	56377	\$16.76	56387	56388	\$16.76
1/16 x 1/8 x 1/8 x 1-1/2	56404	56405	\$11.85	56415	56416	\$13.56	56426	56427	\$14.22	56437	56438	\$14.22
3/32 x 3/16 x 1/8 x 1-1/2	56504	56505	\$11.85	56515	56516	\$13.56	56526	56527	\$14.22	56537	56538	\$14.22
1/8 x 1/4 x 1/8 x 1-1/2	57004	57005	\$11.85	57074	57075	\$13.56	57085	57086	\$14.22	57096	57097	\$14.22
5/32 x 5/16 x 3/16 x 2	56604	56605	\$17.69	56615	56616	\$20.06	56626	56627	\$21.17	56637	56638	\$21.17
3/16 x 3/8 x 3/16 x 2	57104	57105	\$17.20	57174	57175	\$19.57	57185	57186	\$20.67	57196	57197	\$20.67
7/32 x 7/16 x 1/4 x 2	57204	57205	\$22.87	57274	57275	\$26.18	57285	57286	\$27.45	57296	57297	\$27.45
1/4 x 1/2 x 1/4 x 2	57304	57305	\$22.43	57374	57375	\$26.18	57385	57386	\$27.01	57396	57397	\$27.01
5/16 x 1/2 x 5/16 x 2	57404	57405	\$30.76	57474	57475	\$35.83	57485	57486	\$40.13	57496	57497	\$40.13
3/8 x 5/8 x 3/8 x 2	57504	57505	\$37.87	57574	57575	\$42.83	57584	57585	\$47.02	57596	57597	\$47.02
7/16 x 5/8 x 7/16 x 3	57554	57555	\$44.21	57565	57566	\$53.03	57626	57627	\$56.66	57637	57638	\$56.66
1/2 x 5/8 x 1/2 x 2-1/2	57604	57605	\$58.21	57674	57675	\$67.03	57684	57685	\$74.91	57696	57697	\$74.91
5/8 x 3/4 x 5/8 x 3	57704	57705	\$121.43	57774	57775	\$132.67	57785	57786	\$137.25	57796	57797	\$137.25
3/4 x 1 x 3/4 x 3	57804	57805	\$149.82	57815	57816	\$164.37	57826	57827	\$169.88	57837	57838	\$169.88
1 x 1 x 1 x 3	57854	57855	\$268.10	57865	57866	\$288.00	57876	57877	\$292.41	57887	57888	\$292.41



TiN



TiCN



TiAlN