



4-Flute Chatter-Free® Econo-Sinks®

Econo-Sinks® features a Chatter-Free®, four-flute design. Econo-Sinks® are designed with four staggered cutting teeth arranged to insure free chip flow and rapid Chatter-Free® cutting. You will find the Econo-Sinks® give you better finishes, higher production, and more economic value than a single flute tool. Ideal on a wide range of materials including non-ferrous and other stringy materials and cast iron.

Other diameters and angles available upon request.

4-FLUTE CHATTER-FREE ECONO-SINKS High Speed Steel

HEAD DIA	SHANK DIA	OVERALL LENGTH	SHANK LENGTH	SERIES #	INCLUDED ANGLE					
					60° PART #	82° PART #	90° PART #	100° PART #	110° PART #	120° PART #
1/8"	1/8"	1-5/8"	1-5/8"	ES-1/8	00970	00991	01012	01033	01054	01075
3/16"	3/16"	1-1/2"	1-1/2"	ES-3/16	00971	00992	01013	01034	01055	01076
1/4"	3/16"	1-1/2"	3/4"	ES-1/4	00972	00993	01014	01035	01056	01077
5/16"	1/4"	1-3/4"	7/8"	ES-5/16	00973	00994	01015	01036	01057	01078
3/8"	1/4"	1-3/4"	7/8"	ES-3/8	00974	00995	01016	01037	01058	01079
1/2"	3/8"	2-1/8"	1-1/8"	ES-1/2	00976	00997	01018	01039	01060	01081
1/2"	1/4"	2-1/8"	1-1/8"	ES-1/2-1/4	00977	00998	01019	01040	01061	01082
5/8"	3/8"	2-3/8"	1-1/8"	ES-5/8	00978	00999	01020	01041	01062	01083
5/8"	1/4"	2-3/8"	1-1/8"	ES-5/8-1/4	00979	01000	01021	01042	01063	01084
3/4"	1/2"	2-11/16"	1-5/16"	ES-3/4	00980	01001	01022	01043	01064	01085
7/8"	1/2"	2-13/16"	1-5/16"	ES-7/8	00982	01003	01024	01045	01066	01087
1"	1/2"	2-13/16"	1-5/16"	ES-1	00983	01004	01025	01046	01067	01088
1-1/4"	3/4"	3-3/8"	1-5/8"	ES-1-1/4	00984	01005	01026	01047	01068	01089
1-1/2"	3/4"	3-1/2"	1-5/8"	ES-1-1/2	00985	01006	01027	01048	01069	01090
1-3/4"	1"	4-1/4"	2-1/8"	ES-1-3/4	00987	01008	01029	01050	01071	01092
2"	1"	4-3/8"	2-1/8"	ES-2	00988	01009	01030	01051	01072	01093
2-1/2"	1"	4-3/4"	2-1/8"	ES-2-1/2	00989	01010	01031	01052	01073	01094
3"	1"	5"	2-1/8"	ES-3	00990	01011	01032	01053	01074	01095

4-FLUTE CHATTER-FREE ECONO-SINKS Carbide

HEAD DIA	SHANK DIA	OVERALL LENGTH	SHANK LENGTH	SERIES #	INCLUDED ANGLE					
					60° PART #	82° PART #	90° PART #	100° PART #	110° PART #	120° PART #
1/8"	1/8"	1-1/2"	1-1/2"	ES-1/8-W	01120	01135	01150	01165	01180	01195
1/4"	3/16"	1-1/2"	1-3/16"	ES-1/4-W	01121	01136	01151	01166	01181	01196
3/8"	1/4"	2-1/4"	1-3/4"	ES-3/8-W	01122	01137	01152	01167	01182	01197
1/2"	3/8"	2-1/4"	1-3/4"	ES-1/2-W	01125	01140	01155	01170	01185	01200
5/8"	3/8"	2-5/8"	2"	ES-5/8-W	01126	01141	01156	01171	01186	01201
3/4"	1/2"	2-3/4"	2"	ES-3/4-W	01127	01142	01157	01172	01187	01202
1"	1/2"	3"	2"	ES-1-W	01128	01143	01158	01173	01188	01203