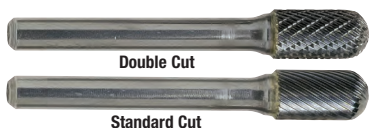


Cylindrical — Square End — End Not Cut



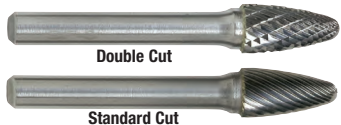
E.D.P.	Cutter Dia. (in.)	Length of Cut (in.)	Shank Dia. (in.)	Overall Length (in.)	Double Cut Code No.	Price \$	Standard Cut Code No.	Price \$
SA-41	1/16	1/4	1/8	1-1/2	170002	10.82	170001	11.40
SA-42	3/32	7/16	1/8	1-1/2	170004	12.11	170003	11.40
SA-43	1/8	9/16	1/8	1-1/2	170006	10.82	170005	10.30
SA-12	1/8	1/2	1/4	2	170008	23.05	170007	21.89
SA-14	3/16	5/8	1/4	2	170010	18.53	170009	21.89
SA-1	1/4	5/8	1/4	2	170014	20.46	170013	19.03
SA-51	1/4	1/2	1/8	2-1/4	170016	20.72	170015	19.79
SA-2	5/16	3/4	1/4	2-1/2	170020	28.43	170019	27.04
SA-3	3/8	3/4	1/4	2-1/2	170022	27.39	170021	29.33
SA-4	7/16	1	1/4	2-3/4	170024	46.15	170023	43.79
SA-5	1/2	1	1/4	2-3/4	170026	43.17	170025	39.54
SA-6	5/8	1	1/4	2-3/4	170028	49.44	170027	57.79
SA-16	3/4	3/4	1/4	2-1/2	170030	64.70	170029	69.36
SA-7	3/4	1	1/4	2-3/4	170032	73.70	170031	87.08
SA-9	1	1	1/4	2-3/4	170034	132.04	170033	125.75

Cylindrical — Radius End



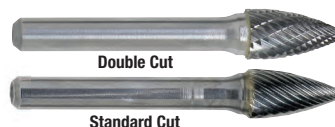
E.D.P.	Cutter Dia. (in.)	Length of Cut (in.)	Shank Dia. (in.)	Overall Length (in.)	Double Cut Code No.	Price \$	Standard Cut Code No.	Price \$
SC-41	3/32	7/16	1/8	1-1/2	170050	10.82	170049	11.40
SC-42	1/8	9/16	1/8	1-1/2	170052	10.82	170051	10.30
SC-12	1/8	1/2	1/4	2	170054	22.17	170053	25.17
SC-14	3/16	5/8	1/4	2	170056	27.47	170055	25.17
SC-1	1/4	5/8	1/4	2	170060	22.97	170059	24.69
SC-51	1/4	1/2	1/8	2-15/16	170062	20.72	170061	16.05
SC-2	5/16	3/4	1/4	2-1/2	170064	31.43	170063	32.17
SC-3	3/8	3/4	1/4	2-1/2	170066	30.40	170065	32.59
SC-4	7/16	1	1/4	2-3/4	170068	42.57	170067	47.48
SC-5	1/2	1	1/4	2-3/4	170070	47.73	170069	51.21
SC-6	5/8	1	1/4	2-3/4	170072	60.79	170071	65.21
SC-7	3/4	1	1/4	2-3/4	170074	97.81	170073	93.17

Tree — Radius End



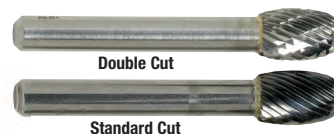
E.D.P.	Cutter Dia. (in.)	Length of Cut (in.)	Shank Dia. (in.)	Overall Length (in.)	Double Cut Code No.	Price \$	Standard Cut Code No.	Price \$
SF-42	1/8	1/2	1/8	1-1/2	170100	10.82	170099	9.26
SF-41	1/8	1/4	1/8	1-1/2	170102	12.10	-	-
SF-12	1/8	1/2	1/4	2	170104	27.96	170103	26.51
SF-1	1/4	5/8	1/4	2	170108	24.80	170107	26.51
SF-51	1/4	1/2	1/8	2	170110	18.53	170109	19.79
SF-3	3/8	3/4	1/4	2-1/2	170112	31.30	170111	27.13
SF-4	7/16	1	1/4	2-3/4	170114	45.88	170113	43.79
SF-5	1/2	1	1/4	2-3/4	170116	44.22	170115	49.32
SF-6	5/8	1	1/4	2-3/4	170118	71.52	170117	68.00
SF-7	3/4	1	1/4	2-3/4	170120	94.32	170119	89.89
SF-14	3/4	1-1/4	1/4	3	170122	98.27	170121	93.60
SF-15	3/4	1-1/2	1/4	3-1/4	170124	136.94	170123	130.39

Tree — Pointed End



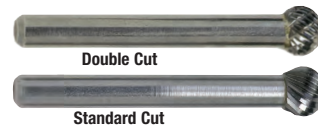
E.D.P.	Cutter Dia. (in.)	Length of Cut (in.)	Shank Dia. (in.)	Overall Length (in.)	Double Cut Code No.	Price \$	Standard Cut Code No.	Price \$
SG-41	1/8	1/4	1/8	1-1/2	170130	11.80	170129	11.40
SG-53	3/16	1/2	1/8	1-1/2	170132	99.52	170131	29.46
SG-44	1/8	1/2	1/8	1-1/2	170134	12.26	170133	11.40
SG-1	1/4	5/8	1/4	2	170138	24.80	170137	26.51
SG-51	1/4	1/2	1/8	2	170140	20.72	170139	19.79
SG-2	5/16	3/4	1/4	2-1/2	170142	37.74	170141	35.85
SG-3	3/8	3/4	1/4	2-1/2	170144	31.30	170143	33.50
SG-13	1/2	3/4	1/4	2-1/2	170146	39.91	170145	47.04
SG-5	1/2	1	1/4	2-3/4	170148	44.22	170147	47.48
SG-6	5/8	1	1/4	2-3/4	170150	71.52	170149	68.00
SG-7	3/4	1	1/4	2-3/4	170152	94.32	170151	89.89
SG-15DC	3/4	1-1/2	1/4	3-1/4	170154	135.05	-	-

Oval Shape



E.D.P.	Cutter Dia. (in.)	Length of Cut (in.)	Shank Dia. (in.)	Overall Length (in.)	Double Cut Code No.	Price \$	Standard Cut Code No.	Price \$
SE-41	1/8	7/32	1/8	1-1/2	170160	10.82	170159	11.40
SE-1	1/4	3/8	1/4	2	170164	30.76	170163	29.33
SE-51	1/4	3/8	1/8	1-3/4	170166	20.72	170165	16.05
SE-3	3/8	5/8	1/4	2-3/8	170168	33.79	170167	36.11
SE-5	1/2	7/8	1/4	2-5/8	170170	47.73	170169	51.21
SE-6	5/8	1	1/4	2-3/4	170172	67.31	170171	72.65
SE-7	3/4	1	1/4	2-3/4	170174	97.81	170173	93.17

Ball Shape



E.D.P.	Cutter Dia. (in.)	Length of Cut (in.)	Shank Dia. (in.)	Overall Length (in.)	Double Cut Code No.	Price \$	Standard Cut Code No.	Price \$
SD-41	3/32	-	1/8	1-1/2	170200	10.82	170199	11.40
SD-42	1/8	-	1/8	1-1/2	170202	10.82	170201	10.30
SD-12	1/8	-	1/4	2	170204	26.08	170203	24.69
SD-14	3/16	-	1/4	2	170206	26.08	170205	24.69
SD-53	3/16	-	1/8	2	170208	19.97	170207	32.49
SD-1	1/4	-	1/4	2	170210	22.17	170209	23.75
SD-51	1/4	-	1/8	2	170212	18.53	170211	17.87
SD-2	5/16	-	1/4	2-1/16	170214	27.04	170213	25.63
SD-3	3/8	-	1/4	2-1/8	170216	24.65	170215	25.31
SD-5	1/2	-	1/4	2-1/4	170218	34.97	170217	37.28
SD-6	5/8	-	1/4	2-3/8	170220	43.57	170219	46.59
SD-7	3/4	-	1/4	2-1/2	170222	53.88	170221	63.35
SD-9	1	-	1/4	2-3/4	170224	109.44	170223	104.33