

SA (1/4" Steel Shank)

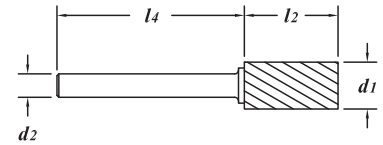
Carbide Rotary Files - Cylindrical Shape

Submicron Grain Carbide

A - Aluminum Cut

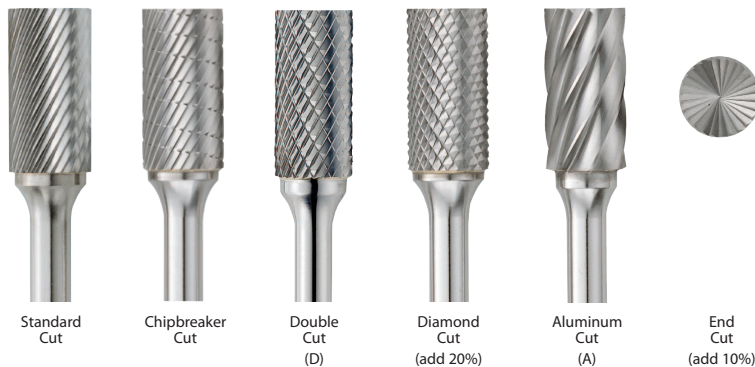
D - Double Cut

* - Solid Carbide



EDP#	TOOL #	$d1$ †		$d2$ Shank Diameter	$l2$ Flute Length	$l4$ Shank Length	1-11	12-24	25-49	50-100	
		Decimal	Diameter Metric								
60010	* SA-14	.1875	3/16"	4.763	1/4"	5/8"	1-3/8"	9.56	9.14	8.73	8.31
60012	* SA-14D	.1875	3/16"	4.763	1/4"	5/8"	1-3/8"	9.56	9.14	8.73	8.31
60020	* SA-1	.2500	1/4"	6.350	1/4"	5/8"	1-3/8"	8.50	8.13	7.76	7.39
60021	* SA-1A	.2500	1/4"	6.350	1/4"	5/8"	1-3/8"	10.67	10.21	9.74	9.28
60022	* SA-1D	.2500	1/4"	6.350	1/4"	5/8"	1-3/8"	8.50	8.13	7.76	7.39
60030	SA-2	.3125	5/16"	7.938	1/4"	3/4"	1-3/4"	11.88	11.36	10.85	10.33
60032	SA-2D	.3125	5/16"	7.938	1/4"	3/4"	1-3/4"	11.88	11.36	10.85	10.33
60040	SA-3	.3750	3/8"	9.525	1/4"	3/4"	1-3/4"	12.80	12.24	11.69	11.13
60041	SA-3A	.3750	3/8"	9.525	1/4"	3/4"	1-3/4"	17.23	16.48	15.73	14.98
60042	SA-3D	.3750	3/8"	9.525	1/4"	3/4"	1-3/4"	12.80	12.24	11.69	11.13
60050	SA-4	.4375	7/16"	11.113	1/4"	1"	1-3/4"	17.68	16.91	16.14	15.37
60052	SA-4D	.4375	7/16"	11.113	1/4"	1"	1-3/4"	17.68	16.91	16.14	15.37
60060	SA-5	.5000	1/2"	12.700	1/4"	1"	1-3/4"	18.86	18.04	17.22	16.40
60061	SA-5A	.5000	1/2"	12.700	1/4"	1"	1-3/4"	24.44	23.38	22.31	21.25
60062	SA-5D	.5000	1/2"	12.700	1/4"	1"	1-3/4"	18.86	18.04	17.22	16.40
60070	SA-6	.6250	5/8"	15.875	1/4"	1"	1-3/4"	22.85	21.86	20.86	19.87
60071	SA-6A	.6250	5/8"	15.875	1/4"	1"	1-3/4"	38.30	36.63	34.97	33.30
60072	SA-6D	.6250	5/8"	15.875	1/4"	1"	1-3/4"	22.85	21.86	20.86	19.87
60080	SA-7	.7500	3/4"	19.050	1/4"	1"	1-3/4"	36.17	34.60	33.02	31.45
60081	SA-7A	.7500	3/4"	19.050	1/4"	1"	1-3/4"	43.39	41.50	39.62	37.73
60082	SA-7D	.7500	3/4"	19.050	1/4"	1"	1-3/4"	36.17	34.60	33.02	31.45
60090	SA-9	1.000	1"	25.400	1/4"	1"	1-3/4"	49.34	47.19	45.05	42.90
60091	SA-9A	1.000	1"	25.400	1/4"	1"	1-3/4"	59.17	56.60	54.02	51.45
60092	SA-9D	1.000	1"	25.400	1/4"	1"	1-3/4"	49.34	47.19	45.05	42.90

Basic Rotary File Cut Styles Available



Double Cut and Aluminum Cut rotary files are in stock where indicated by (D) and (A) in the catalog tables.