



Automotive Tooling



Bur Shapes and Sizes

We carry burs in all shapes and sizes. We can also customize any bur to your needs.



Cut Types



Single Cut (SC)



Double Cut (DC)



Chipbreaker Cut (CB)



Diamond Cut (DM)



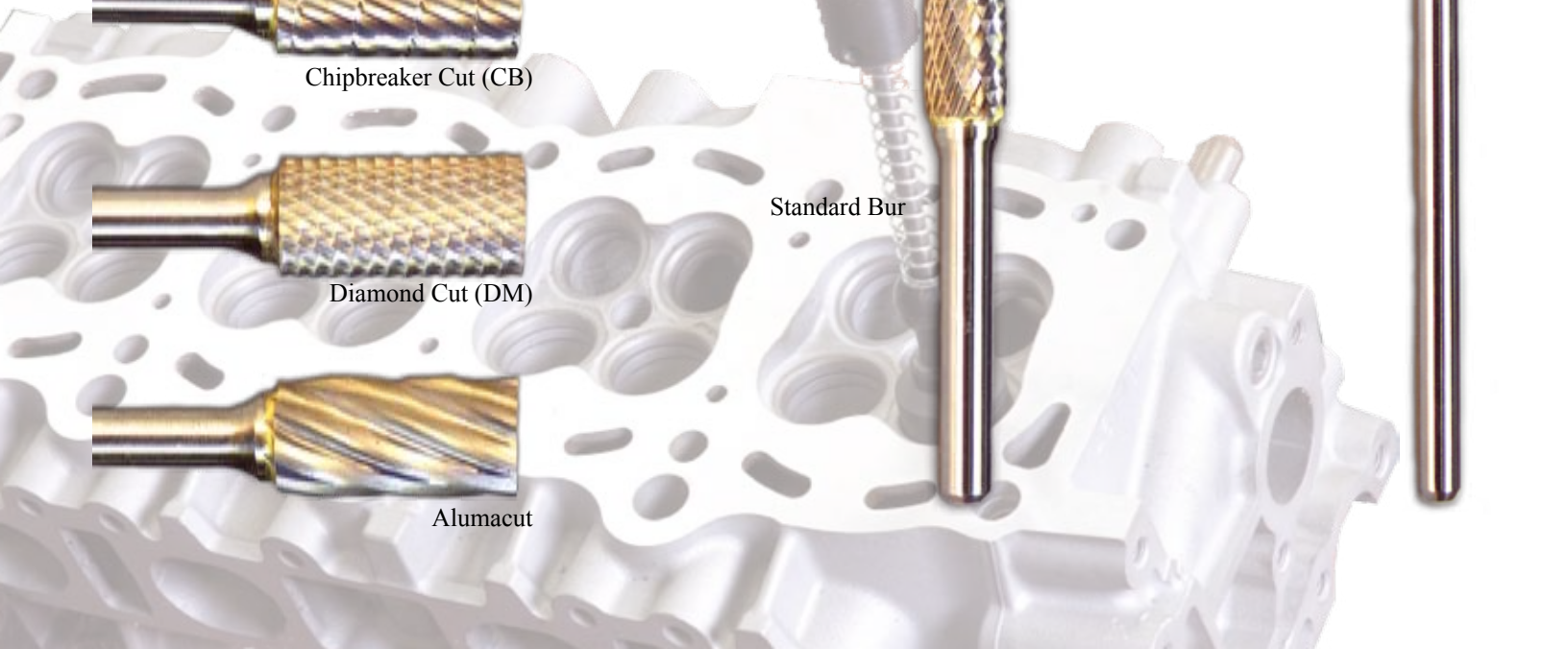
Alumacut



Standard Bur



6" Shank Series Bur
(Steel Shank/Carbide Head)



SA Burs - Cylindrical No Endcut

Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SA-41*	1/16 x 1/4 x 1/8 x 1-1/2	00101	00100	00103
SA-42*	3/32 x 7/16 x 1/8 x 1-1/2	00201	00200	00203
SA-43*	1/8 x 9/16 x 1/8 x 1-1/2	00301	00300	00303
SA-51	1/4 x 1/2 x 1/8 x 2	00401	00400	00403
SA-12*	1/8 x 5/8 x 1/4 x 2	00601	00600	00603
SA-14*	3/16 x 5/8 x 1/4 x 2	00701	00700	00703
SA-1*	1/4 x 5/8 x 1/4 x 2	00801	00800	00803
SA-1L6	1/4 x 5/8 x 1/4 x 6-3/4	00861	00860	00863
SA-2	5/16 x 3/4 x 1/4 x 2-1/2	01001	01000	01003
SA-3	3/8 x 3/4 x 1/4 x 2-1/2	01201	01200	01203
SA-3L6	3/8 x 3/4 x 1/4 x 6-3/4	01261	01260	01263
SA-4	7/16 x 1 x 1/4 x 2-3/4	01501	01500	01503
SA-5	1/2 x 1 x 1/4 x 2-3/4	01601	01600	01603
SA-5R**	1/2 x 1 x 3/8 x 2-3/4	01691	01690	01693
SA-5L6	1/2 x 1 x 1/4 x 7	01661	01660	01663
SA-6	5/8 x 1 x 1/4 x 2-3/4	01701	01700	01703
SA-6R**	5/8 x 1 x 3/8 x 2-3/4	01791	01790	01793
SA-6L6	5/8 x 1 x 1/4 x 7	01761	01760	01763

* Denotes Solid Carbide

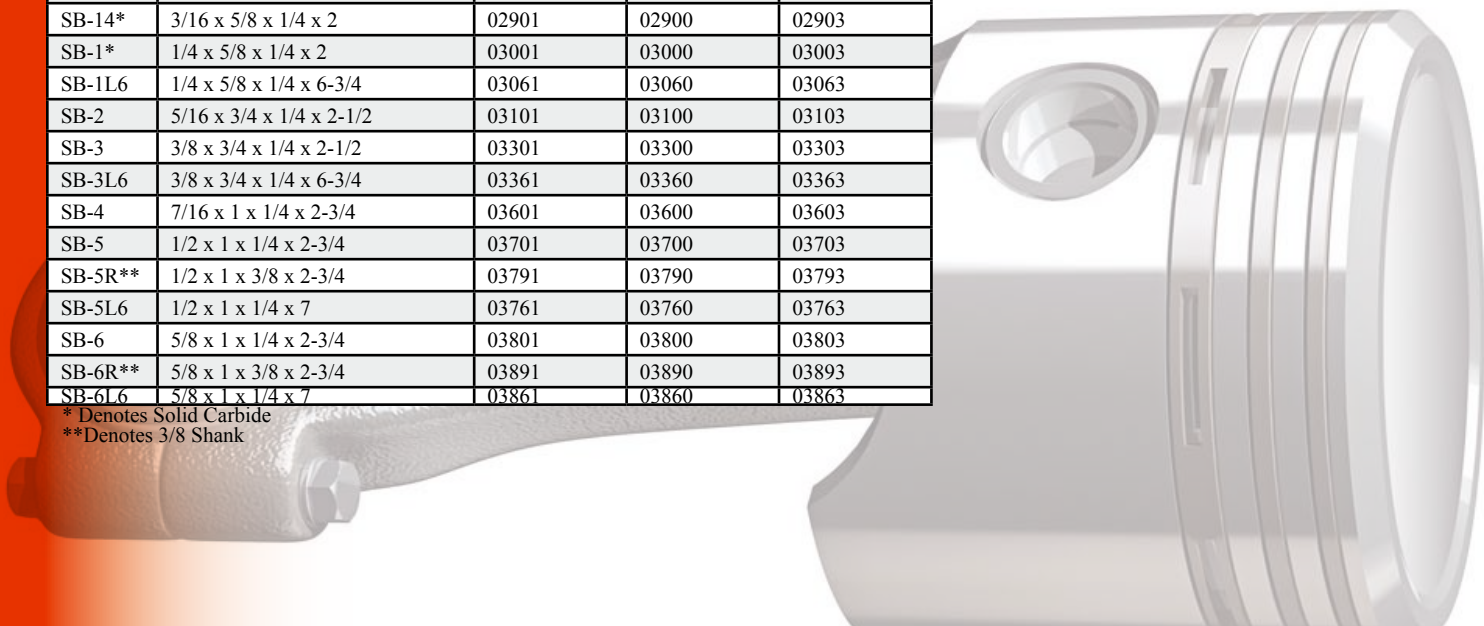
**Denotes 3/8 Shank

SB Burs - Cylindrical With Endcut

Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SB-41*	1/16 x 1/4 x 1/8 x 1-1/2	02301	02300	02303
SB-42*	3/32 x 7/16 x 1/8 x 1-1/2	02401	02400	02403
SB-43*	1/8 x 9/16 x 1/8 x 1-1/2	02501	02500	02503
SB-51	1/4 x 3/16 x 1/8 x 2-15/16	02601	02600	02603
SB-12*	1/8 x 5/8 x 1/4 x 2	02801	02800	02803
SB-14*	3/16 x 5/8 x 1/4 x 2	02901	02900	02903
SB-1*	1/4 x 5/8 x 1/4 x 2	03001	03000	03003
SB-1L6	1/4 x 5/8 x 1/4 x 6-3/4	03061	03060	03063
SB-2	5/16 x 3/4 x 1/4 x 2-1/2	03101	03100	03103
SB-3	3/8 x 3/4 x 1/4 x 2-1/2	03301	03300	03303
SB-3L6	3/8 x 3/4 x 1/4 x 6-3/4	03361	03360	03363
SB-4	7/16 x 1 x 1/4 x 2-3/4	03601	03600	03603
SB-5	1/2 x 1 x 1/4 x 2-3/4	03701	03700	03703
SB-5R**	1/2 x 1 x 3/8 x 2-3/4	03791	03790	03793
SB-5L6	1/2 x 1 x 1/4 x 7	03761	03760	03763
SB-6	5/8 x 1 x 1/4 x 2-3/4	03801	03800	03803
SB-6R**	5/8 x 1 x 3/8 x 2-3/4	03891	03890	03893
SB-6L6	5/8 x 1 x 1/4 x 7	03861	03860	03863

* Denotes Solid Carbide

**Denotes 3/8 Shank



SC Burs - Radius Cylinder

Item	OD x LOC x Shk	OD x OAL	Singlecut	Doublecut	Alumacut
SC-41*	3/32 x 7/16 x 1/8	1-1/2	04401	04400	04403
SC-42*	1/8 x 9/16 x 1/8	1-1/2	04501	04500	04503
SC-51	1/4 x 1/2 x 1/8	2	04601	04600	04603
SC-81	3/16 x 5/8 x 3/16	2	04701	04700	04703
SC-12*	1/8 x 5/8 x 1/4	2	04801	04800	04803
SC-14*	3/16 x 5/8 x 1/4	2	04901	04900	04903
SC-1*	1/4 x 5/8 x 1/4	2	05001	05000	05003
SC-1L6	1/4 x 5/8 x 1/4	6-3/4	05061	05060	05063
SC-2	5/16 x 3/4 x 1/4	2-1/2	05201	05200	05203
SC-3	3/8 x 3/4 x 1/4	2-1/2	05401	05400	05403
SC-3L6	3/8 x 3/4 x 1/4	6-3/4	05461	05460	05463
SC-4	7/16 x 1 x 1/4	2-3/4	05801	05800	05803
SC-5	1/2 x 1 x 1/4	2-3/4	05901	05900	05903
SC-5R**	1/2 x 1 x 3/8	2-2/3	05991	05990	05993
SC-5L6	1/2 x 1 x 1/4	7	05961	05960	05963
SC-6	5/8 x 1 x 1/4	2-3/4	06001	06000	06003
SC-6R**	5/8 x 1 x 3/8	2-3/4	06091	06090	06093
SC-6L6	5/8 x 1 x 1/4	7	06061	06060	06063

* Denotes Solid Carbide

**Denotes 3/8 Shank

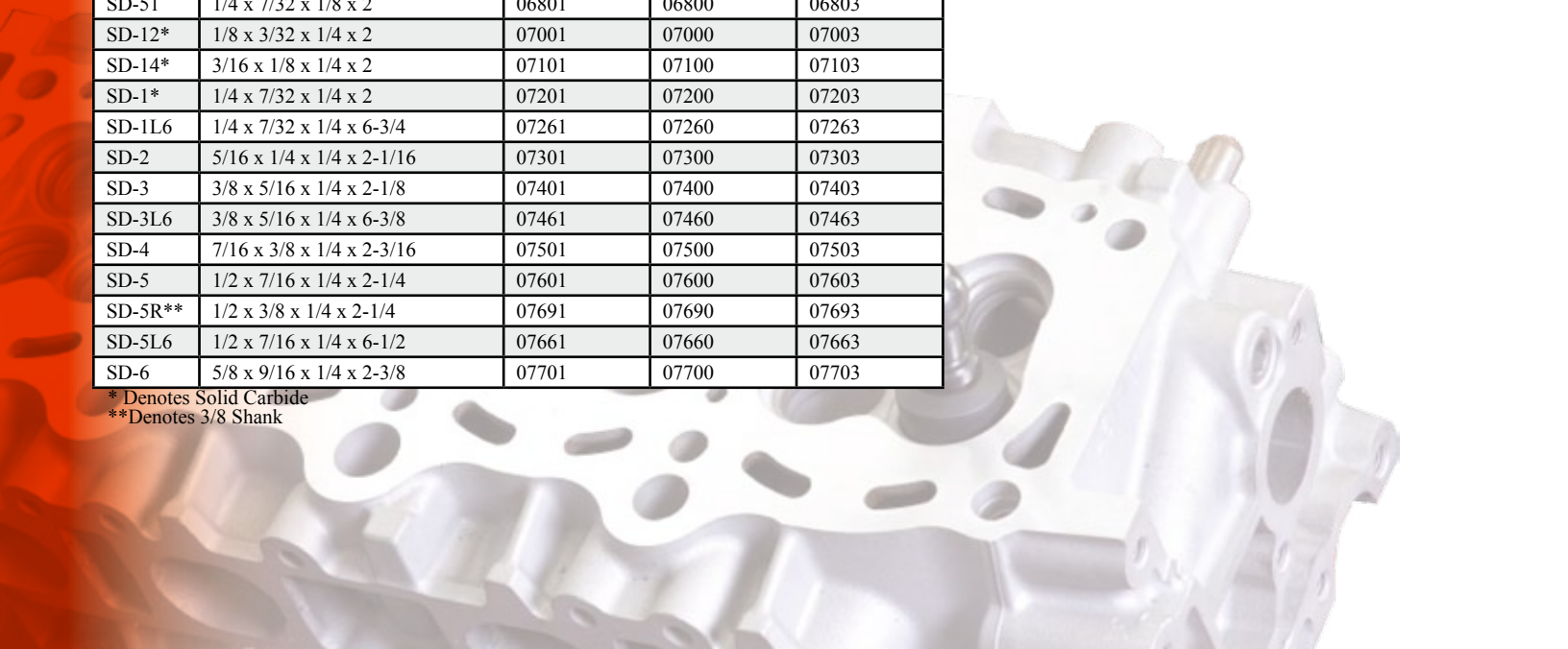


SD Burs - Ball Shape

Item	OD x LOC x Shk	OD x OAL	Singlecut	Doublecut	Alumacut
SD-40*	1/16 x 1/16 x 1/8	1-1/2	06501	06500	06503
SD-41*	3/32 x 3/32 x 1/8	1-1/2	06601	06600	06603
SD-42*	1/8 x 1/8 x 1/8	1-1/2	06701	06700	06703
SD-51	1/4 x 7/32 x 1/8	2	06801	06800	06803
SD-12*	1/8 x 3/32 x 1/4	2	07001	07000	07003
SD-14*	3/16 x 1/8 x 1/4	2	07101	07100	07103
SD-1*	1/4 x 7/32 x 1/4	2	07201	07200	07203
SD-1L6	1/4 x 7/32 x 1/4	6-3/4	07261	07260	07263
SD-2	5/16 x 1/4 x 1/4	2-1/16	07301	07300	07303
SD-3	3/8 x 5/16 x 1/4	2-1/8	07401	07400	07403
SD-3L6	3/8 x 5/16 x 1/4	6-3/8	07461	07460	07463
SD-4	7/16 x 3/8 x 1/4	2-3/16	07501	07500	07503
SD-5	1/2 x 7/16 x 1/4	2-1/4	07601	07600	07603
SD-5R**	1/2 x 3/8 x 1/4	2-1/4	07691	07690	07693
SD-5L6	1/2 x 7/16 x 1/4	6-1/2	07661	07660	07663
SD-6	5/8 x 9/16 x 1/4	2-3/8	07701	07700	07703

* Denotes Solid Carbide

**Denotes 3/8 Shank



SE Burs - Oval Shape

Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SE- 1*	1/8 x 7/32 x 1/8 x 1-1/2	08101	08100	08103
SE-51	1/4 x 3/8 x 1/8 x 1-3/4	08201	08200	08203
SE-11*	3/16 x 5/16 x 1/4 x 2	08401	08400	08403
SE-1*	1/4 x 3/8 x 1/4 x 2	08501	08500	08503
SE-1L6	1/4 x 3/8 x 1/4 x 6-3/4	08561	08560	08563
SE-3	3/8 x 5/8 x 1/4 x 2-3/8	08601	08600	08603
SE-3L6	3/8 x 5/8 x 1/4 x 6-5/8	08661	08660	08663
SE-5	1/2 x 7/8 x 1/4 x 2-5/8	08701	08700	08703
SE-5L6	1/2 x 7/8 x 1/4 x 6-7/8	08761	08760	08763
SE-6	5/8 x 1 x 1/4 x 2-3/4	08801	08800	08803

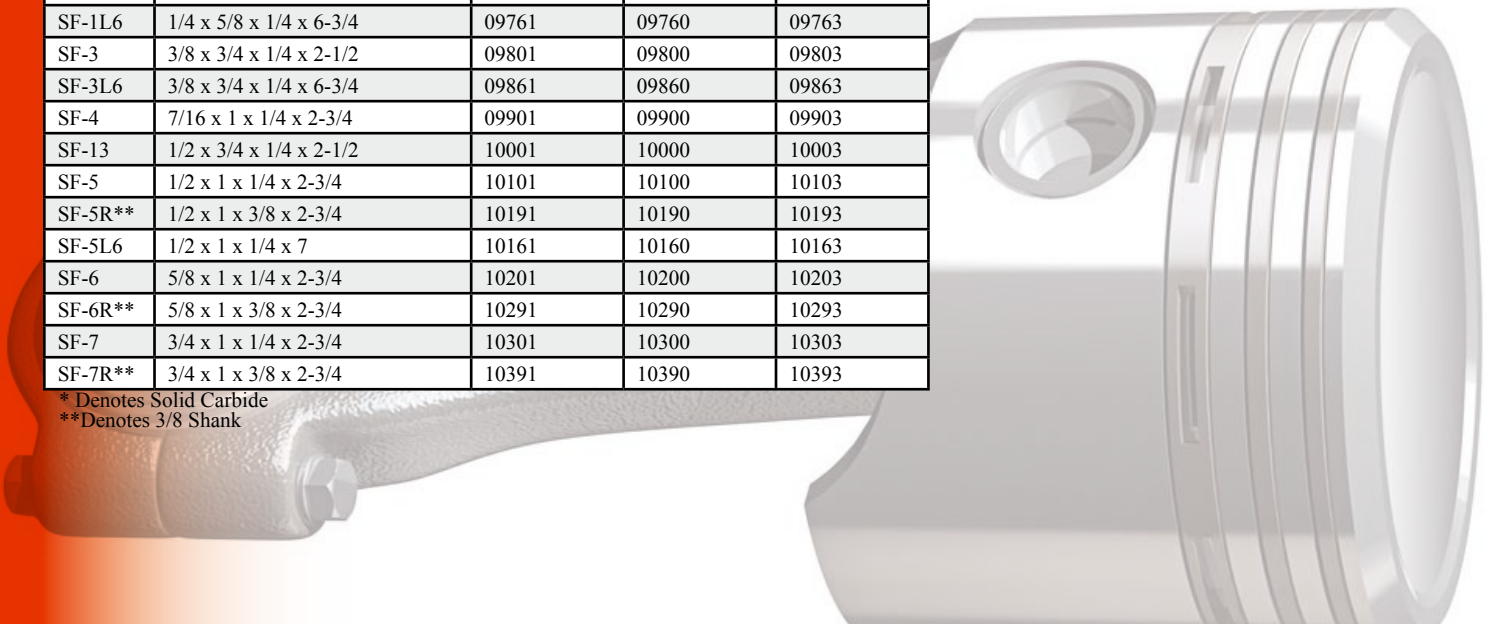
* Denotes Solid Carbide

SF Burs - Tree Shape

Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SF-41*	1/8 x 1/4 x 1/8 x 1-1/2	09101	09100	09103
SF-42*	1/8 x 1/2 x 1/8 x 1-1/2	09201	09200	09203
SF-44*	1/8 x 5/8 x 1/8 x 1-1/2	09301	09300	09303
SF-51	1/4 x 1/2 x 1/8 x 2	09401	09400	09403
SF-12*	1/8 x 1/2 x 1/4 x 2	09601	09600	09603
SF-1*	1/4 x 5/8 x 1/4 x 2	09701	09700	09703
SF-1L6	1/4 x 5/8 x 1/4 x 6-3/4	09761	09760	09763
SF-3	3/8 x 3/4 x 1/4 x 2-1/2	09801	09800	09803
SF-3L6	3/8 x 3/4 x 1/4 x 6-3/4	09861	09860	09863
SF-4	7/16 x 1 x 1/4 x 2-3/4	09901	09900	09903
SF-13	1/2 x 3/4 x 1/4 x 2-1/2	10001	10000	10003
SF-5	1/2 x 1 x 1/4 x 2-3/4	10101	10100	10103
SF-5R**	1/2 x 1 x 3/8 x 2-3/4	10191	10190	10193
SF-5L6	1/2 x 1 x 1/4 x 7	10161	10160	10163
SF-6	5/8 x 1 x 1/4 x 2-3/4	10201	10200	10203
SF-6R**	5/8 x 1 x 3/8 x 2-3/4	10291	10290	10293
SF-7	3/4 x 1 x 1/4 x 2-3/4	10301	10300	10303
SF-7R**	3/4 x 1 x 3/8 x 2-3/4	10391	10390	10393

* Denotes Solid Carbide

**Denotes 3/8 Shank



SG Burs - Pointed Tree

Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SG-41*	1/8 x 1/4 x 1/8 x 1-1/2	10801	10800	10803
SG-43*	1/8 x 3/8 x 1/8 x 1-1/2	10901	10900	10903
SG-44*	1/8 x 1/2 x 1/8 x 1-1/2	11001	11000	11003
SG-51	1/4 x 1/2 x 1/8 x 2	11101	11100	11103
SG-1*	1/4 x 5/8 x 1/4 x 2	11301	11300	11303
SG-1L6	1/4 x 5/8 x 1/4 x 6-3/4	11361	11360	11363
SG-2	5/16 x 3/4 x 1/4 x 2-1/2	11401	11400	11403
SG-3	3/8 x 3/4 x 1/4 x 2-1/2	11501	11500	11503
SG-3L6	3/8 x 3/4 x 1/4 x 6-3/4	11561	11560	11563
SG-13	1/2 x 3/4 x 1/4 x 2-1/2	11601	11600	11603
SG-5	1/2 x 1 x 1/4 x 2-3/4	11701	11700	11703
SG-5L6	1/2 x 1 x 1/4 x 6-3/4	11761	11760	11763
SG-6	5/8 x 1 x 1/4 x 2-3/4	11801	11800	11803
SG-7	3/4 x 1 x 1/4 x 2-3/4	11901	11900	11903

* Denotes Solid Carbide

SH Burs - Flame Shape

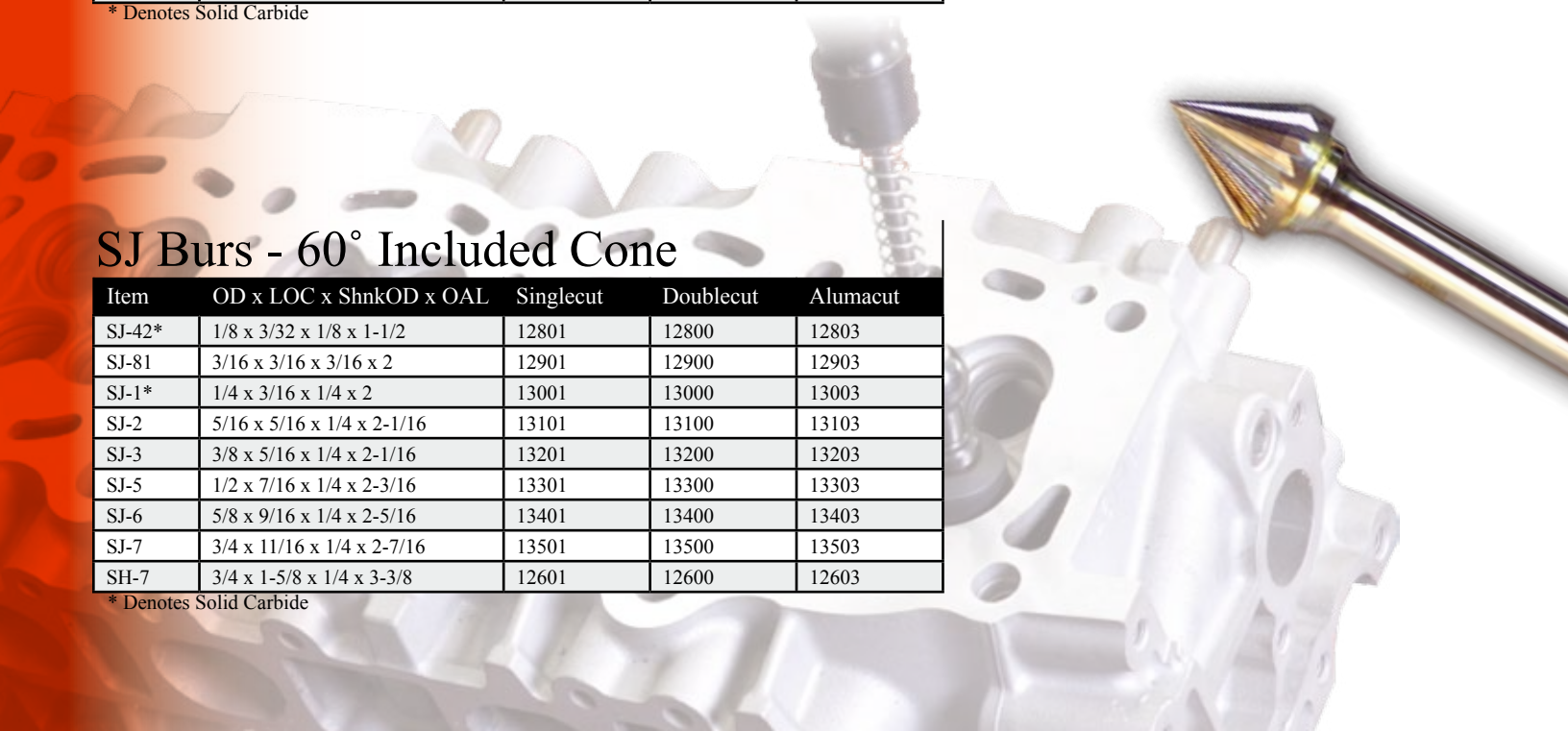
Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SH-41*	1/8 x 1/4 x 1/8 x 1-1/2	12101	12100	12103
SH-1*	1/4 x 1/2 x 1/4 x 2	12201	12200	12203
SH-1L6	1/4 x 1/2 x 1/4 x 6-3/4	12261	12260	12263
SH-2	5/16 x 3/4 x 1/4 x 2-1/2	12301	12300	12303
SH-2L6	5/16 x 3/4 x 1/4 x 6	12361	12360	12363
SH-5	1/2 x 1-1/4 x 1/4 x 3	12401	12400	12403
SH-5L6	1/2 x 1-1/4 x 1/4 x 7-1/4	12461	12460	12463
SH-6	5/8 x 1-7/16 x 1/4 x 3-3/16	12501	12500	12503
SH-7	3/4 x 1-5/8 x 1/4 x 3-3/8	12601	12600	12603

* Denotes Solid Carbide

SJ Burs - 60° Included Cone

Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SJ-42*	1/8 x 3/32 x 1/8 x 1-1/2	12801	12800	12803
SJ-81	3/16 x 3/16 x 3/16 x 2	12901	12900	12903
SJ-1*	1/4 x 3/16 x 1/4 x 2	13001	13000	13003
SJ-2	5/16 x 5/16 x 1/4 x 2-1/16	13101	13100	13103
SJ-3	3/8 x 5/16 x 1/4 x 2-1/16	13201	13200	13203
SJ-5	1/2 x 7/16 x 1/4 x 2-3/16	13301	13300	13303
SJ-6	5/8 x 9/16 x 1/4 x 2-5/16	13401	13400	13403
SJ-7	3/4 x 11/16 x 1/4 x 2-7/16	13501	13500	13503
SH-7	3/4 x 1-5/8 x 1/4 x 3-3/8	12601	12600	12603

* Denotes Solid Carbide



SK Burs - 90° Included Cone

Item	OD x LOC x ShnkOD x OAL	Singlecut	Doublecut	Alumacut
SK-42*	1/8 x 1/16 x 1/8 x 1-1/2	13801	13800	13803
SK-1*	1/4 x 1/8 x 1/4 x 2	14001	14000	14003
SK-2	5/16 x 3/16 x 1/4 x 1-15/16	14101	14100	14103
SK-3	3/8 x 3/16 x 1/4 x 1-15/16	14201	14200	14203
SK-4	7/16 x 1/4 x 1/4 x 2	14301	14300	14303
SK-5	1/2 x 1/4 x 1/4 x 2	14401	14400	14403
SK-6	5/8 x 5/16 x 1/4 x 2-1/16	14501	14500	14503
SK-7	3/4 x 3/8 x 1/4 x 2-1/8	14601	14600	14603

* Denotes Solid Carbide

SL Burs - Included Cone

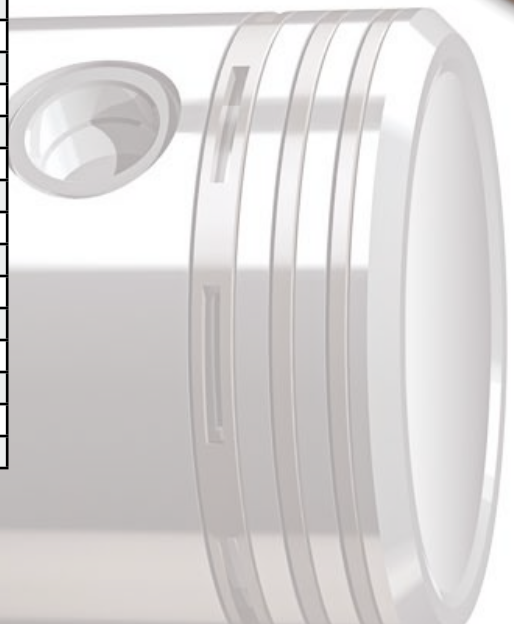
Item	OD x LOC x Shnk x OAL	DEG	Singlecut	Doublecut	Alumacut
SL-41*	1/8 x 3/8 x 1/8 x 1-1/2	8°	14901	14900	14903
SL-42*	1/8 x 1/2 x 1/8 x 1-1/2	8°	15001	15000	15003
SL-1*	1/4 x 5/8 x 1/4 x 2	14°	15101	15100	15103
SL-1L6	1/4 x 5/8 x 1/4 x 6-3/4	14°	15161	15160	15163
SL-2	5/16 x 7/8 x 1/4 x 2-5/8	14°	15201	15200	15203
SL-3	3/8 x 1-1/16 x 1/4 x 2-13/16	14°	15301	15300	15303
SL-3L6	3/8 x 1-1/16 x 7-1/16	14°	15361	15360	15363
SL-4	1/2 x 1-1/8 x 1/4 x 2-7/8	14°	15401	15400	15403
SL-4L6	1/2 x 1-1/8 x 1/4 x 7-1/8	14°	15461	15460	15463
SL-5	5/8 x 1-3/16 x 1/4 x 2-15/16	14°	15501	15500	15503
SL-6	5/8 x 1-5/16 x 1/4 x 3-1/16	14°	15601	15600	15603
SL-7	3/4 x 1-1/2 x 1/4 x 3-1/4	14°	15701	15700	15703

* Denotes Solid Carbide

SM Burs - Pointed Cone Shape

Item	OD x LOC x Shnk x OAL	DEG	Singlecut	Doublecut	Alumacut
SM-41*	1/8 x 11/32 x 1/8 x 1-1/2	12°	15901	15900	15903
SM-42*	1/8 x 7/16 x 1/8 x 1-1/2	14°	16001	16000	16003
SM-43*	1/8 x 5/8 x 1/8 x 1-1/2	7°	16101	16100	16103
SM-51	1/4 x 1/2 x 1/8 x 2-1/8	22°	16201	16200	16203
SM-81	3/16 x 1/2 x 3/16 x 2	16°	16301	16300	16303
SM-1*	1/4 x 1/2 x 1/4 x 2	22°	16401	16400	16403
SM-1L6	1/4 x 1/2 x 1/4 x 6-3/4	22°	16461	16460	16463
SM-2	1/4 x 3/4 x 1/4 x 2	14°	16501	16500	16503
SM-2L6	1/4 x 3/4 x 1/4 x 6-3/4	14°	16561	16560	16563
SM-3*	1/4 x 1 x 1/4 x 2	8°	16601	16600	16603
SM-4	3/8 x 5/8 x 1/4 x 2-3/8	28°	16901	16900	16903
SM-4L6	3/8 x 5/8 x 1/4 x 6-5/8	28°	16961	16960	16963
SM-5	1/2 x 7/8 x 1/4 x 2-5/8	28°	17001	17000	17003
SM-5L6	1/2 x 7/8 x 1/4 x 6-7/8	28°	17061	17060	17063
SM-6	5/8 x 1 x 1/4 x 2-3/4	31°	17101	17100	17103

* Denotes Solid Carbide



SN Burs - Inverted Cone Shape

Item	OD x LOC x Shnk x OAL	DEG	Singlecut	Doublecut	Alumacut
SN-41*	3/32 x 1/8 x 1/8 x 1-1/2	10°	17301	17300	17303
SN-42*	1/8 x 3/16 x 1/8 x 1-1/2	10°	17401	17400	17403
SN-42L2*	1/8 x 3/16 x 1/8 x 2	10°	17421	17420	17423
SN-42L3*	1/8 x 3/16 x 1/8 x 3	10°	17431	17430	17433
SN-51	1/4 x 1/4 x 1/8 x 1-3/4	10°	17501	17500	17503
SN-1*	1/4 x 5/16 x 1/4 x 2	10°	17701	17700	17703
SN-1L6	1/4 x 5/16 x 1/4 x 6-3/4	10°	17761	17760	17763
SN-2	3/8 x 3/8 x 1/4 x 2-1/8	13°	17801	17800	17803
SN-3	1/2 x 1/2 x 1/4 x 2-1/4	16°	17901	17900	17903
SN-4	1/2 x 1/2 x 1/4 x 2-1/4	28°	18001	18000	18003
SN-4L6	1/2 x 1/2 x 1/4 x 6-1/2	28°	18061	18060	18063
SN-5	5/8 x 5/8 x 1/4 x 2-3/8	19°	18101	18100	18103
SN-6	5/8 x 3/4 x 1/4 x 2-1/2	18°	18201	18200	18203
SN-7	3/4 x 5/8 x 1/4 x 2-3/8	30°	18301	18300	18303

* Denotes Solid Carbide



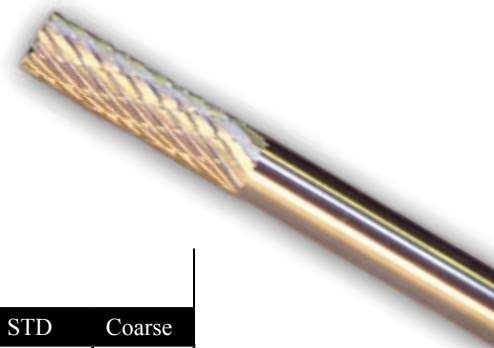
1/4" Shank Die Grinder

Part Number

DIE GRINDER

Diemills

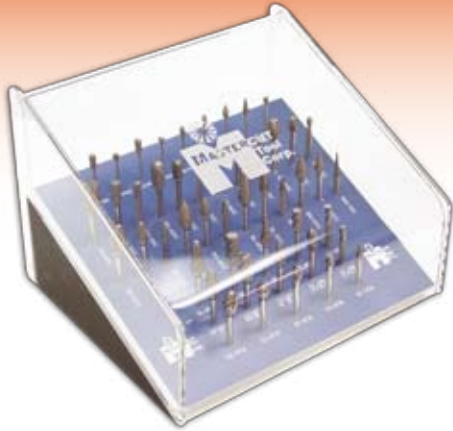
OD x LOC x Shnk	OD x OAL	STD	Coarse
1/8 x 1/2 x 1/8 x 1-1/2		28000	28020
5/32 x 1/2 x 3/16 x 2		28100	28120
3/16 x 5/8 x 3/16 x 2		28200	28220
1/4 x 3/4 x 1/4 x 2		28300	28320
5/16 x 13/16 x 5/16 x 2-1/2		28400	28420
3/8 x 1 x 3/8 x 2-1/2		28500	28520
7/16 x 1 x 7/16 x 3		28600	28620
1/2 x 1 x 1/2 x 3		28700	28720



Mastercut

48-Piece Countertop Bur Display

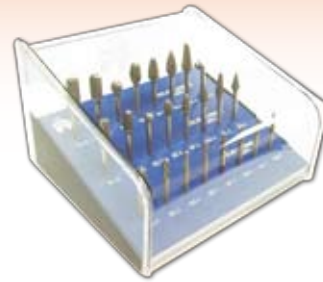
The Mastercut 48-Piece Countertop Display showcases 48 pieces of our popular burs. The burs are showcased in a high quality acrylic lexan display with locking back panel.



Mastercut

24- Piece Doublecut Bur Display

The Mastercut 24-Piece Countertop Display showcases 24 of our most popular doublecut burs. The burs are showcased in a high quality acrylic lexan display with locking back panel.



Mastercut Wooden Case Bur Set



Mastercut 6 Inch Shank Bur Set



48 piece bur set includes:

Doublecut Burs (1/8 Shank)
SA-51DC, SB-51DC, SC-51DC, SD-51DC, SE-51DC, SF-51DC, SG-51DC, SM-51DC, SN-51DC

Doublecut Burs (1/4 Shank)
SA-1DC, SA-3DC, SA-5DC, SC-1DC, SC-3DC, SC-5DC, SD-1DC, SD-3DC, SD-5DC, SE-1DC, SE-3DC, SE-5DC, SF-1DC, SF-3DC, SF-5DC, SG-1DC, SG-3DC, SG-5DC, SL-4DC, SL-3DC, SL-1DC, SM-5DC, SM-4DC, SM-3DC

AlumaCut Burs (1/4 Shank)
SA-1FM, SA-3FM, SA-5FM, SC-1FM, SC-3FM, SC-5FM, SD-3FM, SE-5FM, SE-3FM, SF-5FM, SF-3FM, SF-1FM, SL-4FM, SL-3FM

24 piece bur set includes:

Doublecut Burs (1/4 Shank)
SA-1DC, SA-3DC, SA-5DC, SC-1DC, SC-3DC, SC-5DC, SD-1DC, SD-3DC, SD-5DC, SE-1DC, SE-3DC, SE-5DC, SF-1DC, SF-3DC, SF-5DC, SG-1DC, SG-3DC, SG-5DC, SL-4DC, SL-3DC, SL-1DC, SM-5DC, SM-4DC, SM-3DC

M130 Sets include

SA1, SA3, SC1, SC3, SD1, SD3, SF1, SF3

M140 Sets include

SA3, SA5, SC3, SC5, SD3, SD5, SF3, SF5

M1500 Sets include

SA5, SC3, SC5, SD5, SF3, SF5, SG3, SL4

6" Shank Bur Set Includes

SD-3L6DC, SF-5L6DC, SF-3L6DC, and SC-3L6DC

Description	Part Number
48 Piece Bur Display	DISPLAY2-48
48 Piece Bur Display Without 1/8th Shank Burs	DISPLAY2-39
48 Burs Bur Set Without Plastic Display	DIS48-ND
24 Piece Bur Display	DISPLAY2
Description	Part Number
M130 Singlecut	SETM130WSC
M130 Doublecut	SETM130WDC
M130 Alumacut	SETM130WFM
M140 Singlecut	SETM140WSC
M140 Doublecut	SETM140WDC
M140 Alumacut	SETM140WFM
M150 Singlecut	SETM150WSC
M150 Doublecut	SETM150WDC
M150 Alumacut	SETM150WFM



The Mastercut V4 variable helix design has been harmonically balanced to reduce tool chatter. The result is a smooth-running long-lasting tool you can depend on.



V4 - Fractional TiAlN 4 Flute

DIA x LOC x SH x OAL	Square	Corner Radius		Ball
	Part Number	CR	Part Number	Part Number
1/8x3/8x1/8x1-1/2	V4-50200	.01-.015	V4-50200R.015	V4-50204
3/16x7/16x3/16x2	V4-50300	.01-.015	V4-50300R.015	V4-50304
1/4x5/8x1/4x2-1/2	V4-50500	.015-.02	V4-50500R.020	V4-50504
5/16x13/16x5/16x2-1/2	V4-50600	.015-.02	V4-50600R.020	V4-50604
3/8x7/8x3/8x2-1/2	V4-50700	.015-.02	V4-50700R.020	V4-50704
7/16x1x7/16x2-3/4	V4-50800	.015-.02	V4-50800R.020	V4-50804
1/2x1x1/2x3	V4-50900	.025-.03	V4-50900R.030	V4-50904
9/16x1-1/8x9/16x3-1/2	V4-50910	.025-.03	V4-50910R.030	V4-50914
5/8x1-1/4x5/8x3-1/2	V4-51000	.035-.04	V4-51000R.040	V4-51004
3/4x1-1/2x3/4x4	V4-51100	.035-.04	V4-51100R.040	V4-51104
1x1-1/2x1x4	V4-51300	.035-.04	V4-51300R.040	V4-51304

V4 - Metric TiAlN 4 Flute

DIA x LOC x SH x OAL	Square	Corner Radius		Ball
	Part Number	CR	Part Number	Part Number
3x12x3x38	V4-81200	.25-.38	V4-81200R.25	V4-81204
4x14x4x50	V4-81300	.25-.38	V4-81300R.25	V4-81304
5x16x5x50	V4-81400	.25-.38	V4-81400R.25	V4-81404
6x19x6x63	V4-81450	.38-.51	V4-81450R.51	V4-81450
8x19x8x63	V4-81550	.38-.51	V4-81550R.50	V4-81554
10x22x10x70	V4-81650	.38-.51	V4-81650R.50	V4-81654
12x25x12x75	V4-81750	.64-.76	V4-81750R.75	V4-81754
14x25x14x88	V4-81800	.64-.76	V4-81800R.75	V4-81804
16x32x16x88	V4-81850	.76-.89	V4-81850R.75	V4-81854
18x36x18x100	V4-81900	.76-.89	V4-81900R.75	V4-81904
20x38x20x100	V4-81950	.76-.89	V4-81950R.75	V4-81954
25x38x25x100	V4-82050	.76-.89	V4-82050R.75	V4-82054



FLOWPORT MILLS



3 Flute Ball Flowport Mill

OD x LOC x SH x OAL	Part Number
1/4x1/4x1/4x6	64000
3/8x3/8x3/8x6	64001
3/8x3/8x3/8x7	64002
1/2x1/2x1/2x6	64003
1/2x1/2x1/2x7	64004



3 Flute Ball Flowport Rougher Mill

OD x LOC x SH x OAL	Part Number
1/4x1/4x1/4x6	64010
3/8x3/8x3/8x6	64011
3/8x3/8x3/8x7	64012
1/2x1/2x1/2x6	64013
1/2x1/2x1/2x7	64014





All Parts Made
in the USA



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