

BURR MONSTER[®]

CATALOG



BURR MONSTER®



SINGLE CUT

Standard cut is a general purpose geometry designed for cast iron, steel, copper and brass, and other ferrous materials. This geometry provides good material removal and work piece finishes.



DOUBLE CUT

The most popular burr style for ferrous applications. The flutes are ground in both the left and right hand directions, offering better operator control and rapid stock removal in harder materials. The double cut geometry reduces the size of the chips and can be used at slower than normal speeds.



ALUMA CUT

Designed for use on aluminum, non-ferrous metals, soft steel, reinforced plastics, and other soft materials. The burrs are designed with a high flute finish for easy chip flow and fast stock removal and excellent work piece finishes.



APPLICATIONS

MATERIAL	SINGLE CUT	DOUBLE CUT	ALUMA CUT
ALUMINUM			✓
BRASS	✓	✓	
BRONZE	✓	✓	
COPPER	✓	✓	
CAST IRON	✓	✓	
PLASTICS			✓
STEEL (40-55 RC)	✓	✓	
STEEL (55-60 RC)	✓	✓	
STEEL (CARBON)	✓	✓	
STEEL (NICKEL CHROME)	✓	✓	
STAINLESS STEEL	✓	✓	
STEEL WELDMENTS	✓	✓	
TITANIUM	✓	✓	
ZINC			✓

RECOMMENDED RPM

DIA	STANDARD MATERIALS	STAINLESS STEEL
1/16	72500	97500
3/32	65500	89000
1/8	56000	76000
5/32	46000	70000
3/16	40000	65500
1/4	35000	61000
5/16	28000	47500
3/8	25000	43000
7/16	22000	40000
1/2	18800	34000
5/8	17000	28000
3/4	14900	22000
1"	12600	18500

REDUCE SPEEDS FOR LONG SHANK BURRS

NOTE: All recommendations are considered as starting parameters only

SC



CYLINDER SHAPE - RADIUS END

- Applications:**
- Surface Milling
 - Contouring



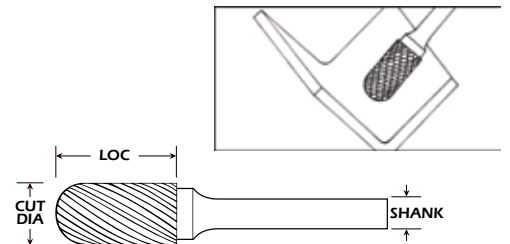
SINGLE CUT



DOUBLE CUT



ALUMA CUT



TOOL	CUT DIA	LOC	SHANK DIA	SINGLE CUT	DOUBLE CUT	ALUMA
SC-61	3/32	3/8	3/32	310-001060	310-002060	
SC-41	3/32	7/16	1/8	310-001061	310-002061	
SC-42	1/8	9/16	1/8	310-001063	310-002063	
SC-42L2	1/8	9/16	1/8	310-006075	310-006100	
SC-42L3	1/8	9/16	1/8	310-001063A	310-002732	
SC-11	1/8	1/2	1/4	310-001062C	310-002062C	
SC-12	1/8	5/8	1/4	310-001062D	310-002062D	
SC-52	5/32	1/2	1/8	310-001070	310-002070	
SC-13	5/32	5/8	1/4	310-001065C	310-002065C	
SC-53	3/16	1/2	1/8	310-001066	310-002066	
SC-81	3/16	5/8	3/16	310-001067	310-002067	
SC-14	3/16	5/8	1/4	310-001068C	310-002068C	
SC-51	1/4	1/2	1/8	310-001069	310-002069	
SC-1	1/4	5/8	1/4	310-001071C	310-002072C	
SC-1L	1/4	1	1/4	310-001250	310-002250	
SC-1L6	1/4	1/2	1/4	310-002605	310-002705	
SC-1NF	1/4	5/8	1/4			310-002519
SC-2	5/16	3/4	1/4	310-001072	310-002071	
SC-3	3/8	3/4	1/4	310-001073	310-002073	
SC-3L	3/8	1	1/4	310-001940	310-002940	
SC-3L6	3/8	3/4	1/4	310-002606	310-002706	
SC-3X	3/8	1-1/2	1/4	310-001706X	310-002706X	
SC-3NF	3/8	3/4	1/4			310-002503
SC-4	7/16	1	1/4	310-001074	310-002074	
SC-5	1/2	1	1/4	310-001075	310-002075	
SC-5L6	1/2	1	1/4	310-002607	310-002707	
SC-5NF	1/2	1	1/4			310-002504
SC-6	5/8	1	1/4	310-001076	310-002076	
SC-6NF	5/8	1	1/4			310-002505
SC-15	3/4	1/2	1/4	310-001068A	310-002068A	
SC-16	3/4	3/4	1/4	310-001078A	310-002078A	
SC-7	3/4	1	1/4	310-001077	310-002077	
SC-7NF	3/4	1	1/4			310-002525
SC-9	1	1	1/4	310-001079	310-002078	