

# 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

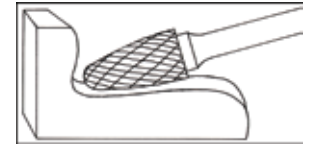
DIA	STANDARD MATERIALS	STAINLESS STEEL
1/16	72500	97500
3/32	65500	89000
1/8	56000	76000
5/32	46000	70000
3/16	40000	65500
1/4	35000	61000
5/16	28000	47500
3/8	25000	43000
7/16	22000	40000
1/2	18800	34000
5/8	17000	28000
3/4	14900	22000
1"	12600	18500

REDUCE SPEEDS FOR LONG SHANK BURRS

**NOTE:** All recommendations are considered as starting parameters only

Coating upon request in  
TiN, TiCN, TiAlN & ZrN

Applications:  
• Narrow Contours



SINGLE CUT



DOUBLE CUT



ALUMA CUT

# SF

## TREE SHAPE RADIUS

TOOL	CUT DIA	LOC	SHANK DIA	SINGLE CUT	DOUBLE CUT	ALUMA
SF-61	3/32	1/4	3/32	310-003702A	310-003702	
SF-41	1/8	1/4	1/8	310-001110	310-002110	
SF-42	1/8	1/2	1/8	310-001111	310-002111	
SF-42L2	1/8	1/2	1/8	310-006225	310-006250	
SF-42L3	1/8	1/2	1/8	310-001146	310-002735	
SF-11	1/8	1/2	1/4	310-001112C	310-002112C	
SF-53	3/16	1/2	1/8	310-001113	310-002113	
SF-81	3/16	1/2	3/16	310-001114	310-002114	
SF-51	1/4	1/2	1/8	310-001115	310-002115	
SF-1	1/4	5/8	1/4	310-001117C	310-002117C	
SF-1L6	1/4	1/2	1/4	310-002617	310-002717	
SF-1NF	1/4	5/8	1/4			310-002521
SF-3	3/8	3/4	1/4	310-001118	310-002118	
SF-3L6	3/8	3/4	1/4	310-002618	310-002718	
SF-3NF	3/8	3/4	1/4			310-002512
SF-4	7/16	1	1/4	310-001119	310-002119	
SF-13	1/2	3/4	1/4	310-001120	310-002120	
SF-5	1/2	1	1/4	310-001121	310-002121	
SF-5L6	1/2	1	1/4	310-002619	310-002719	
SF-5NF	1/2	1	1/4			310-002513
SF-6	5/8	1	1/4	310-001122	310-002122	
SF-6NF	5/8	1	1/4			310-002514
SF-7	3/4	1	1/4	310-001123	310-002123	
SF-7NF	3/4	1	1/4			310-002544
SF-14	3/4	1-1/4	1/4	310-001124	310-002124C	
SF-14NF	3/4	1-1/4	1/4			310-003006
SF-15	3/4	1-1/2	1/4	310-001125	310-002125	

