

# 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

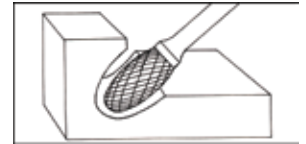
MATERIAL	SINGLE CUT	DOUBLE CUT	ALUMA CUT
ALUMINUM			✓
BRASS	✓	✓	
BRONZE	✓	✓	
COPPER	✓	✓	
CAST IRON	✓	✓	
PLASTICS			✓
STEEL (40-55 RC)	✓	✓	
STEEL (55-60 RC)	✓	✓	
STEEL (CARBON)	✓	✓	
STEEL (NICKEL CHROME)	✓	✓	
STAINLESS STEEL	✓	✓	
STEEL WELDMENTS	✓	✓	
TITANIUM	✓	✓	
ZINC			✓

### 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

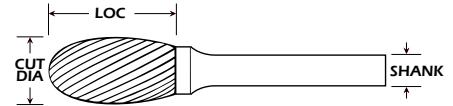
REDUCE SPEEDS FOR LONG SHANK BURRS

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



# SE

Applications:  
• Contouring



## OVAL/EGG SHAPE

TOOL	CUT DIA	LOC	SHANK DIA	SINGLE CUT	DOUBLE CUT	ALUMA
SE-61	3/32	1/8	3/32	310-001108A	310-002108A	
SE-41	1/8	7/32	1/8	310-001100	310-002100	
SE-41L2	1/8	7/32	1/8	310-006175	310-006200	
SE-41L3	1/8	7/32	1/8	310-001100B	310-002100A	
SE-53	3/16	9/32	1/8	310-001101	310-002101	
SE-81	3/16	9/32	3/16	310-001102	310-002102	
SE-11	3/16	5/16	1/4	310-004127	310-004128	
SE-51	1/4	3/8	1/8	310-001103	310-002103	
SE-1	1/4	3/8	1/4	310-001105C	310-002105C	
SE-1L6	1/4	3/8	1/4	310-002613	310-002713	
SE-3	3/8	5/8	1/4	310-001106	310-002106	
SE-3L6	3/8	5/8	1/4	310-002614	310-002714	
SE-3NF	3/8	5/8	1/4			310-002509
SE-5	1/2	7/8	1/4	310-001107	310-002107	
SE-5L6	1/2	7/8	1/4	310-005020	310-002715	
SE-5NF	1/2	7/8	1/4			310-002510
SE-6	5/8	1	1/4	310-001108	310-002108	
SE-6NF	5/8	1	1/4			310-002511
SE-7	3/4	1	1/4	310-001109	310-002109	
SE-7NF	3/4	1	1/4			310-004302



SINGLE CUT



DOUBLE CUT



ALUMA CUT

