

BURR MONSTER®

CATALOG



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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

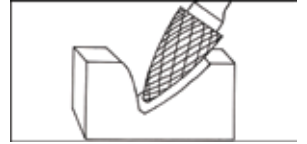
NOTE: All recommendations are considered as starting parameters only



SINGLE CUT



DOUBLE CUT



SG

POINTED TREE SHAPE



Applications:

- Milling
- Acute Angle Milling
- Narrow Contouring

TOOL	CUT DIA	LOC	SHANK DIA	SINGLE CUT	DOUBLE CUT
SG-61	3/32	1/4	3/32	310-002148	310-002147
SG-41	1/8	1/4	1/8	310-001130	310-002130
SG-42	1/8	5/16	1/8	310-001131	310-002131
SG-43	1/8	3/8	1/8	310-001132	310-002132
SG-44	1/8	1/2	1/8	310-001145	310-002145
SG-44L2	1/8	1/2	1/8	310-006275	310-006300
SG-44L3	1/8	1/2	1/8	310-006875	310-006900
SG-53	3/16	1/2	1/8	310-001133	310-002133
SG-81	3/16	1/2	3/16	310-001134	310-002134
SG-51	1/4	1/2	1/8	310-001135	310-002135
SG-1	1/4	5/8	1/4	310-001137C	310-002137C
SG-1L6	1/4	1/2	1/4	310-002621	310-002721
SG-2	5/16	3/4	1/4	310-001138	310-002138
SG-3	3/8	3/4	1/4	310-001139	310-002139
SG-3L6	3/8	3/4	1/4	310-002622	310-002722
SG-13	1/2	3/4	1/4	310-001140	310-002140
SG-5	1/2	1	1/4	310-001141	310-002141
SG-5L6	1/2	1	1/4	310-002623	310-002723
SG-6	5/8	1	1/4	310-001142	310-002142
SG-7	3/4	1	1/4	310-001143	310-002143
SG-15	3/4	1-1/2	1/4	310-001144	310-002144

SH

FLAME SHAPE



Applications:

- Contouring
- Milling

TOOL	CUT DIA	LOC	SHANK DIA	SINGLE CUT	DOUBLE CUT
SH-41	1/8	1/4	1/8	310-001150	310-002150
SH-41L2	1/8	1/4	1/8	310-006325	310-006350
SH-41L3	1/8	1/4	1/8	310-002637	310-002737
SH-53	3/16	3/8	1/8	310-001151	310-002151
SH-1	1/4	5/8	1/4	310-001157C	310-002157C
SH-2	5/16	3/4	1/4	310-001153	310-002153
SH-2L6	5/16	3/4	1/4	310-002629	310-002729
SH-5	1/2	1-1/4	1/4	310-001154	310-002154
SH-5L6	1/2	1-1/4	1/4	310-002630	310-002730
SH-6	5/8	1-7/16	1/4	310-001155	310-002155
SH-7	3/4	1-5/8	1/4	310-001156	310-002156

