

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

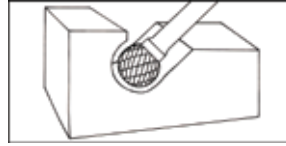
REDUCE SPEEDS FOR LONG SHANK BURRS

NOTE: All recommendations are considered as starting parameters only



SD

BALL SHAPE



Applications:

- Contouring
- Hole Deburring
- Build-up Welding Preparation



TOOL	CUT DIA	LOC	SHANK DIA	SINGLE CUT	DOUBLE CUT	ALUMA
SD-61	3/32	3/32	3/32	310-001080	310-002080	
SD-41	3/32	3/32	1/8	310-001081	310-002081	
SD-42	1/8	1/8	1/8	310-001082	310-002082	
SD-42L2	1/8	1/8	1/8	310-006125	310-006150	
SD-42L3	1/8	1/8	1/8	310-001082A	310-002733	
SD-11	1/8	3/32	1/4	310-001083C	310-002083C	
SD-52	5/32	5/32	1/8	310-001088	310-002088	
SD-53	3/16	5/32	1/8	310-001084	310-002084	
SD-81	3/16	5/32	3/16	310-001085	310-002085	
SD-14	3/16	1/8	1/4	310-001086C	310-002086C	
SD-51	1/4	7/32	1/8	310-001087	310-002087	
SD-1	1/4	7/32	1/4	310-001089C	310-002089C	
SD-1L6	1/4	7/32	1/4	310-002609	310-002709	
SD-1NF	1/4	7/32	1/4			310-002520
SD-2	5/16	1/4	1/4	310-001090	310-002090	
SD-3	3/8	5/16	1/4	310-001091	310-002091	
SD-3L6	3/8	5/16	1/4	310-002610	310-002710	
SD-3NF	3/8	5/16	1/4			310-002506
SD-4	7/16	3/8	1/4	310-001092	310-002092	
SD-5	1/2	7/16	1/4	310-001093	310-002093	
SD-5L6	1/2	7/16	1/4	310-002611	310-002711	
SD-5NF	1/2	7/16	1/4			310-002507
SD-6	5/8	9/16	1/4	310-001094	310-002094	
SD-6NF	5/8	9/16	1/4			310-002508
SD-7	3/4	11/16	1/4	310-001095	310-002095	
SD-7NF	3/4	11/16	1/4			310-003005
SD-9	1	15/16	1/4	310-001096	310-002096	



SINGLE CUT



DOUBLE CUT



ALUMA CUT

Coating upon request in
TiN, TiCN, TiAlN & ZrN