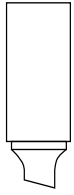




## Shapes & SCTI Identification



**Series SA**  
Cylindrical



**Series SC**  
Cylindrical Ball End



**Series SF**  
Round Nose Tree



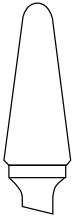
**Series SG**  
Pointed Tree



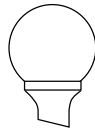
**Series SM**  
Pointed Cone



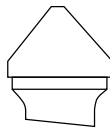
**Series SE**  
Egg Shape



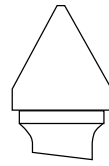
**Series SL**  
14 Degree  
Included Angle



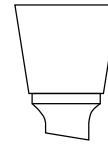
**Series SD**  
Ball Shape



**Series SK**  
90 Degree  
Included Angle



**Series SJ**  
60 Degree  
Included Angle



**Series SN**  
Inverted Taper



**Series SH**  
Flame Shape

## Styles of Cut

### Medium Tough Cut

Engineered specifically for tough applications. Tough cut insures faster, splinter-free cutting in weld and alloy castings with increased tool life.



### Medium Right Hand Spiral

General purpose - Recommended for stock removal and a smooth finish.



### Aluminum Cut

Designed for use on aluminum, non-ferrous metals, soft steel, reinforced plastics, and other soft materials.



*Coarse and Fine Cuts are available on request.*

## Recommended Cutting Speeds for Carbide Burs

Diameter	RPM	Max RPM
1/16"	55,000 - 85,000	90,000
3/32"	50,000 - 60,000	85,000
1/8"	35,000 - 65,000	80,000
3/16"	30,000 - 55,000	75,000
1/4"	25,000 - 50,000	70,000
5/16"	18,000 - 38,000	65,000
3/8"	17,000 - 38,000	63,000
7/16"	13,000 - 37,000	55,000
1/2"	14,000 - 36,000	50,000
5/8"	11,000 - 23,000	40,000
3/4"	8,000 - 19,000	30,000
1"	7,000 - 18,000	25,000

Note: Use lower speeds when cutting harder ferrous materials and higher speeds for softer non-ferrous materials.

