

THE VILLAGES GEM & MINERAL SOCIETY

EDGE GRINDER BITS

Bit Grit Chart

(only bits stocked by TVGMS listed in chart)

1" Diameter Bit

Grit	Description	Common Use
80	Course	This bit is used mainly to remove large amount of material quickly.
100	Standard	Suitable for grinding and shaping you stone. Use if the stone is soft or when the 80 grit would be too aggressive
220	Super Fine	Shape soft materials, glasses, and mirrors without chipping. Also used for fine sanding an edge.
600	Ultra Fine	To put a slight polish on the edge of the stone. (This also can be done on a polishing/smoothing wheel.)

Specialty Bits

1/8" Dia.	100	Standard	
1/4" Dia.	100	Standard	
Jewelry	220	Super Fine	Grinds a groove in the edge of the cabochon for wire wrapping. Fits up to a 20 ga. wire.

Preparation of a new bit

In the manufacturing process compressive grouping of abrasive occasionally creates small surface areas of bunched diamonds.

To remove the small surface bunching's attach you bit to the grinder, turn the grinder on, and with a piece of scrap glass, as shown in the diagram, grind up and down the bit 3 or 4 times.

The punching's are now removed and you bit is ready to use. Bunching's do not reoccur. They are only surface residue from the manufacturing process

