



## BI-COLOR AMETHYST - Guernsey Maze Cut

96 index gear • 12 mm x 14 mm • 10.3 carats

### PAVILION

P1	43.00°	96-48-24-72	Cut to a center point
P2(G)	90.00°	96-48-24-72	
P3	00.00°	Grind and polish tip of pavilion flat (4 mm wide). This width should be 1/3 of the pavilion.	

### PAVILION - CONCAVE

Using the round copper tool (11 mm) and 1,200 Diamond Paste put a small concave dimple in center of the flat pavilion.

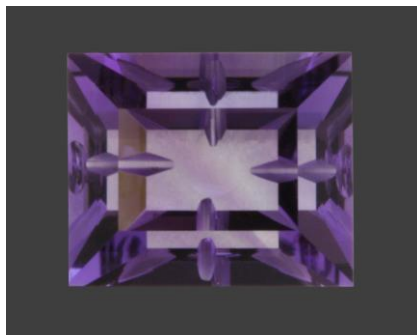
Using the slice tool 1,200 Diamond Paste, put a slice at 24-48-72-96 through the flat pavilion just touching the center dimple. 48 & 96 should be longer so an additional dimple can be put on the sides on 24 & 72.

The dimples are polished with Cerium. The slices are not polished.

### CROWN

C1	42.00°	48-96 24-72	Half of the crown (50/50)
C2	39.50°	48-96 24-72	
TABLE	00.00°		

The diagram is very basic and any changes can be made (the length to width ratio is not important). The dimples and grooves are easy but the layout and design take some time. I suggest cutting and polishing each set as you go, so you don't have to spend time resetting each position.



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