

### **GEMSTONE DIAGRAM**

Design by Larry Mattos

# **BI-COLOR GREEN AMETHYST - Bamboo Cut**

96 index gear • 10 mm x 16 mm • 11.2 carats

### **PAVILION**

P1 43.00°	96-48
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P2(G) 90.00° 96-48 24-72 Cut to a rectangle approximately 2-1 ratio

P3 65.00° 24-72 Cut to girdle line

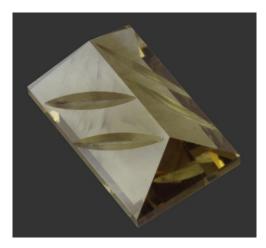
#### **PAVILION - CONCAVE**

Set motor plate at 45.00° (tool facing you). Install the slice tool. Set the mast at 43.00°. Using the 96 setting, set up the machine to put a slice in the upper right corner of the pavilion to the edge of the girdle. Repeat on tooth 48. Move the table 4 mm away from you and repeat on 48 & 96. Do not polish slice.

## **CROWN**

C1	43.00°	96-48 72-24	Cut to girdle line
C2	37.00°	96-48 72-24	Cut to just under 1/2 way to table
TABLE	00.00°		Should be 1/2 width of stone





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