

# **GEMSTONE DIAGRAM**

Design by Larry Mattos

# **AMETRINE - Zenobia Cut**

96 index gear • 13 mm • 8.4 carats

All polishing is done with Cerium Oxide.

# **PAVILION**

P1	42.00°	96-6-12-18-24-30-36-42-48-54-60-66-72-78-84-90

Cut to a center point

P2(G) 90.00° Same as P1

### **CONCAVE**

CC1	40.00°	3-15-27-39-51-63-75-87
	40.00	3-13-21-33-31-03-13-01

Using the 8 mm mandrel with 1,200 Diamond Paste, cut from culet pavilion;

stop at girdle

CC2 47.00° 9-21-33-45-57-69-81-93

Using the 8 mm mandrel with 1,200 Diamond Paste, cut from girdle towards

culet; stop 1/2 way to culet.

#### **CROWN**

C1	43.00°	96-6-12-18-24-30-36-42-48-54-60-66-72-78-84-90

Cut to a girdle line

# **CONCAVE**

CC1	43.00°	6-12-18-24-30-36-42-48-54-60-66-72-78-84-90-96

Using the 8 mm mandrel with 1,200 Diamond Paste, cut a concave the width

of the facet at the girdle line

CC2 51.00° 9-21-33-45-57-69-81-93

Using the 12 mm tool, cut to side facets and point meets girdle

**TABLE** 00.00°



