



Starfish

Works for medium to high R.I. material

Bruce White 8-10-2010

Angles for R.I. = 1.540

61 + 5 girdles = 66 facets

10-fold radial symmetry

80 index

$L/W = 1.051$ $T/W = 0.489$ $U/W = 0.465$

$P/W = 0.537$ $C/W = 0.200$

$Vol./W^3 = 0.263$

PAVILION

1	90.00°	80-16-32-48-64	Establish Size of stone
2	45.01°	02-06-10-14-18- 22-26-30-34-38- 42-46-50-54-58- 62-66-70-74-78	Cut to center point
3	64.30°	80-16-32-48-64	Cut to meet 2 at girdle
4	44.00°	04-12-20-28-36- 44-52-60-68-76	Cut to meet 2-3-2

CROWN

A	54.24°	80-16-32-48-64	Establish girdle thickness
B	36.78°	03-13-19-29-35- 45-51-61-67-77	Meet A-A at girdle
C	32.00°	80-08-16-24-32- 40-48-56-64-72	Meet B-A-B as star facets and corner mains
	0.00°	Table	

The culet facets can be cut a little shallower if needed. I like small sharp facets under the table but you cut #4 at 43.75 degrees for broader facets.

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