

OMNI Oval 1.2 (a)

by John Bailey, 2006

Angles for R.I. = 1.540

69 + 16 girdles = 85 facets

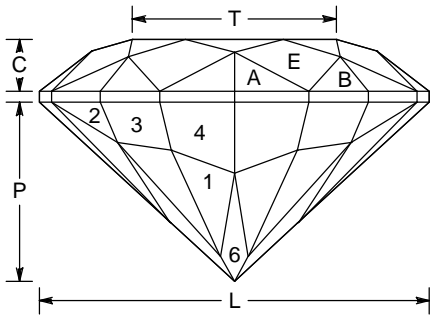
2-fold, mirror-image symmetry

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$L/W = 1.207$ $T/W = 0.630$ $U/W = 0.447$

$P/W = 0.554$ $C/W = 0.161$

$Vol./W^3 = 0.327$



PAVILION

1	44.00°	05-09-17-21- 27-31-39-43- 53-57-65-69- 75-79-87-91	CTP
G1	90.00°	21-27-69-75	Calibrate length
G2	90.00°	13-35-61-83	OMNI
G3	90.00°	08-40-56-88	OMNI
G4	90.00°	02-46-50-94	OMNI
2	60.00°	13-35-61-83	Meet 1, G1, G2
3	61.30°	08-40-56-88	Even Girdle
4	62.60°	02-46-50-94	Even Girdle
5	42.10°	15-33-63-81	Meet 1, 2, 3
6	41.00°	96-48	Meet 1, 4, and Culet
7	42.52°	24-72	Meet 1, Girdle and Culet

CROWN

A	38.00°	02-46-50-94	Set Girdle thickness
B	38.00°	08-40-56-88	Even Girdle
C	38.00°	13-35-61-83	Even Girdle
D	38.00°	21-27-69-75	Even Girdle
E	32.00°	05-43-53-91	Meet A, B, Girdle
F	31.50°	16-32-64-80	Meet C, D, Girdle
G	18.70°	96-48	Meet A, E
H	22.40°	10-38-58-86	Meet B, C, E, F
J	16.10°	24-72	Meet D, F
T	0.00°	Table	

Good for RI 1.54 and up

COS Brightness = 55.6 @ 1.54 and 71.8 @ 1.76

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