

## TECA Triangle

by John Bailey, 2006

Angles for R.I. = 1.540

34 + 9 girdles = 43 facets

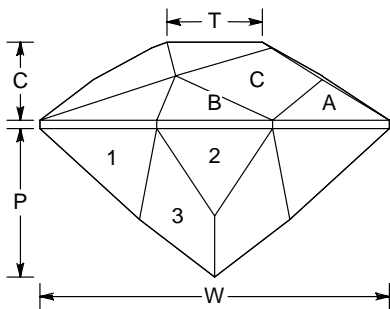
3-fold radial symmetry

96 index

$L/W = 1.004$   $T/W = 0.273$   $U/W = 0.237$

$P/W = 0.425$   $C/W = 0.223$

$Vol./W^3 = 0.198$



### PAVILION

1	45.00°	06-26-38-58-70-90	CTP
2	47.00°	96-32-64	Meet Culet CAM
G1	90.00°	06-26-38-58-70-90	Establish corners
G2	90.00°	96-32-64	Even Girdle
3	43.00°	04-28-36-60-68-92	Meet 1, 2, Girdle

### CROWN

A	40.90°	06-26-38-58-70-90	Set Girdle thickness
B	42.90°	96-32-64	Even Girdle
C	34.00°	03-35-67	Meet A, B, Girdle
D	30.70°	23-55-87	Meet A, Girdle
E	24.50°	96-32-64	Meet A, B, C, D
T	0.00°	Table	Meet D, E

COS Brightness = 70.2 @ RI = 1.54

E:\Dvue2\MyGems\TecaTri.gem