

Easy Octagon

Quincy D. Howell

Faceter's Gem Cuts, V2, 1977, n45

PC21.046

Angles for R.I. = 1.540

29 + 8 girdles = 37 facets

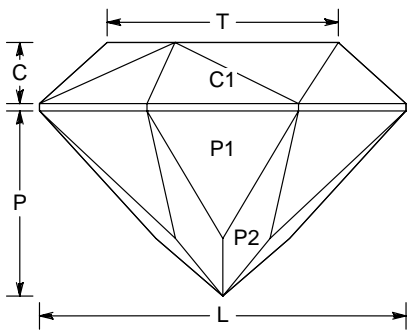
4-fold radial symmetry

96 index

$L/W = 1.000$ $T/W = 0.631$ $U/W = 0.631$

$P/W = 0.505$ $C/W = 0.166$

$Vol./W^3 = 0.251$



PAVILION

G	90.00°	96-12-24-36- 48-60-72-84
P1	47.58°	96-12-24-36- 48-60-72-84
P2	43.00°	06-18-30-42- 54-66-78-90

CROWN

C1	42.00°	96-12-24-36- 48-60-72-84
C2	29.00°	06-30-54-78
T	0.00°	Table

Width shall be 10mm +/- .5mm

Girdle shall be 0.3mm +/- 0.1mm

Material is cutters choice, any natural or synthetic gem material may be used.