

Bare Square #4

by John Bailey, 2004

Angles for R.I. = 1.540

81 + 12 girdles = 93 facets

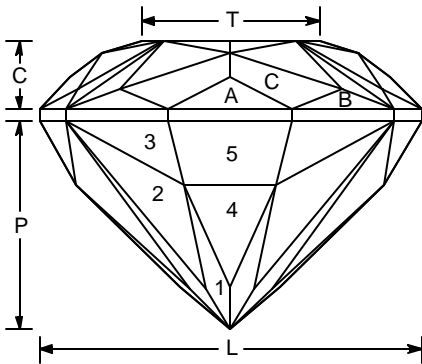
4-fold, mirror-image symmetry

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L/W = 1.000 T/W = 0.467 U/W = 0.467

P/W = 0.546 C/W = 0.180

Vol./W³ = 0.313



PAVILION

1	42.00°	04-12-20-28- 36-44-52-60- 68-76-84-92	CTP 12-fold
G1	90.00°	04-20-28-44- 52-68-76-92	Establish corners
2	43.50°	08-16-32-40- 56-64-80-88	Meet 1, G1
3	58.10°	04-20-28-44- 52-68-76-92	Meet 1, 2, G1
4	44.20°	96-24-48-72	Meet 1, 2, 3
5	60.00°	96-24-48-72	Meet 2, 3, 4
G2	90.00°	96-24-48-72	Meet 3, 5, G1

CROWN

A	46.20°	96-24-48-72	Set girdle thickness
B	41.20°	04-20-28-44- 52-68-76-92	Even girdle
C	37.30°	03-21-27-45- 51-69-75-93	Meet A, B, G1, G2
D	26.60°	11-13-35-37- 59-61-83-85	Meet B, G1
E	26.00°	07-17-31-41- 55-65-79-89	Meet B, C, D
T	0.00°	Table	Meet D, E
F	18.73°	05-19-29-43- 53-67-77-91	Meet C, E and D, E, T