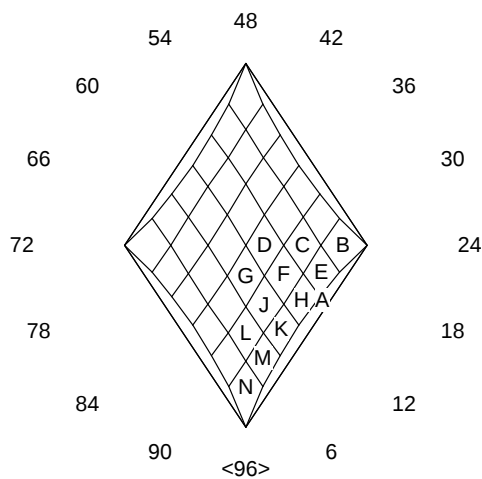


Checkered Past

by John Bailey, 2019

Angles for R.I. = 1.720

56 + 4 girdles = 60 facets

2-fold, mirror-image symmetry

96 index

L/W = 1.497

P/W = 0.391 C/W = 0.232

Vol./W³ = 0.254

PAVILION

Girdle	90.00°	15-33-63-81	Preform
1	63.00°	15-33-63-81	Locate Girdle
2	45.00°	17-31-65-79	Meet 1, Girdle
3	43.00°	13-35-61-83	Meet 1, Girdle
4	38.00°	15-33-63-81	Meet 1, 2, 3

CROWN

A	70.00°	15-33-63-81	Set girdle width
B	38.80°	24-72	Meet A, Girdle
C	18.30°	24-72	Set width of B
D	10.00°	24-72	Approx equal to C
E	31.00°	20-28-68-76	Meet B, C
F	14.70°	21-27-69-75	Meet C, D
G	6.10°	96-48	Meet D, D
H	28.70°	18-30-66-78	Meet C, E, F
J	10.70°	08-40-56-88	Meet D, F, G
K	25.30°	12-36-60-84	Meet F, H, J
L	12.80°	96-48	Meet J, G, J
M	25.10°	09-39-57-87	Meet J, K, L
N	29.50°	96-48	Meet M, L, M & A, Girdle

Advanced design for darker materials 1.72 and up.

E:\GEMCAD\CheckeredPast.gem