

Stephan's Shield

by John Bailey, 2017

Angles for R.I. = 1.540

33 + 10 girdles = 43 facets

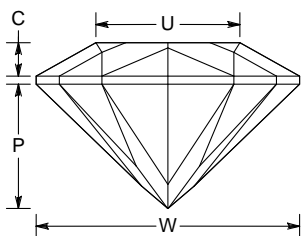
1-fold, mirror-image symmetry

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$L/W = 1.354$ $T/W = 0.815$ $U/W = 0.546$

$P/W = 0.470$ $C/W = 0.126$

$Vol./W^3 = 0.224$



PAVILION

1	42.10°	38-58	Meet Temp Centerpoint
2	43.70°	34-62	Meet Temp Centerpoint
3	45.00°	12-84	Meet Temp Centerpoint
4	47.80°	20-76	Meet Temp Centerpoint
5	48.10°	16-80	Meet Temp Centerpoint
G1	90.00°	12-84	Locate lower point
G2	90.00°	16-80	Even Girdle
G3	90.00°	20-76	Even Girdle
G4	90.00°	34-62	Even Girdle
G5	90.00°	38-58	Even Girdle
6	47.00°	18-78	Meet 1, 2, Girdle
7	45.50°	14-82	Meet 1, 5, Girdle
8	42.00°	36-60	Meet 3, 4, Girdle

CROWN

A	30.60°	12-84	Set Girdle width
B	32.80°	16-80	Even Girdle
C	30.00°	20-76	Even Girdle
D	35.00°	34-62	Even Girdle
E	35.50°	38-58	Even Girdle
F	31.50°	36-60	Meet D, E, Girdle
G	27.90°	14-82	Meet A, B, Girdle
H	23.40°	19-77	Meet B, C, G and C, D, F
T	0.00°		Table

Create Temp Centerpoint before beginning instructions

Dedicated to the two Stephans

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