



Wind Scene

by Arya Akhavan (May 2013)

Angles for R.I. = 1.580

61 + 12 girdles = 73 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.281$ $T/W = 0.151$ $U/W = 0.117$

$P/W = 0.559$ $C/W = 0.201$

$Vol./W^3 = 0.355$

PAVILION

P1	43.15°	10-38-58-86	Cut to centerpoint.
P2	43.07°	13-35-61-83	Meet at culet.
P3	42.24°	14-34-62-82	Meet at culet.
G1	90.00°	24-72	Set stone length.
G2	90.00°	13-35-61-83	Level girdle.
G3	90.00°	04-44-52-92	Meet P1, P2, G2
P4	65.05°	04-44-52-92	Level girdle.
P5	73.32°	96-48	Meet P1, P4
P6	65.05°	24-72	Level girdle.
G4	90.00°	96-48	Level girdle.

CROWN

C1	24.00°	24-72	Set girdle width.
C2	36.25°	13-35-61-83	Level girdle.
C3	28.61°	04-44-52-92	Level girdle.
C4	32.16°	96-48	Level girdle.
C5	24.02°	23-25-71-73	Meet G1, G2, C1, C2
C6	28.37°	05-43-53-91	Meet G2, G3, C2, C3
C7	29.41°	02-46-50-94	Meet G3, G4, C3, C4
C8	28.56°	96-48	Meet C4, C7
C9	13.54°	13-35-61-83	Meet C2, C5, C6
C10	13.73°	12-36-60-84	Meet C3, C6, C9; C3, C7, C8
C11	13.40°	14-34-62-82	Meet C1, C5, C9
C12	9.80°	96-48	Meet C3, C7, C8, C10
T	0.00°	Table	Meet C9, C10, C12; C9, C11

It turns out that if you really set your mind to it, you CAN write a design with two perpendicular keels. Yes, I wrote this design just to fuck with you. You know who you are. The crown on this one is really interesting, too! Works in materials from petalite to CZ (RI = 1.50 - 2.16) with no changes, but I prefer it in aquamarine.

Suggested length = 8-15 mm

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