

An Eye 24 fold Quartz

Jon Olaf Svane - May 22nd 2020

Facet Data

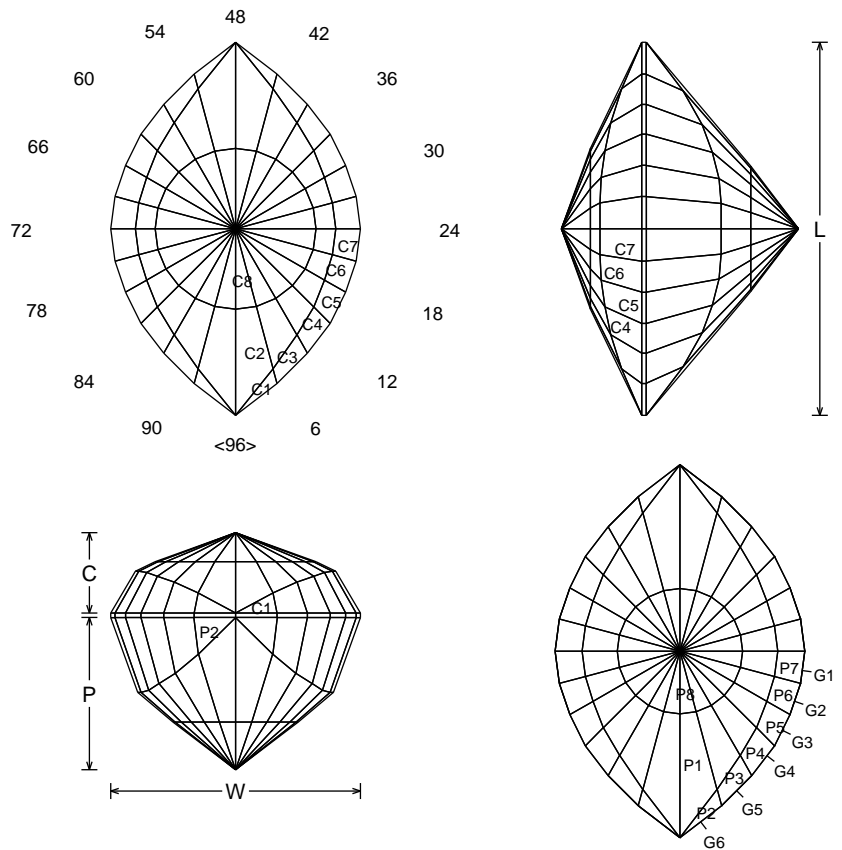
Pavilion facets	84	Pavilion tiers	11
Girdle facets	12	Girdle tiers	3
Crown facets	72	Crown tiers	8
Total facets	168	Total tiers	22

Size Data

L/W	1.494	P/W	0.610
T/W	0.000	C/W	0.322
U/W	0.000	H/W	0.950
V/W^3	0.454	P/C	1.895

Design Data

Angles for R.I.	1.54
Symmetry	2-fold, mirror
Index gear	96



Pavilion

P1	40.40	02-06-10-14-18-22-26-30-34-38-42-46-50-54-58-62-66-70-74-78-82-86-90-94
G1	90.00	22-26-70-74
G2	90.00	19-29-67-77
G3	90.00	17-31-65-79
G4	90.00	14-34-62-82
G5	90.00	12-36-60-84
G6	90.00	10-38-58-86
P2	66.80	10-38-58-86
P3	68.10	12-36-60-84
P4	69.00	14-34-62-82
P5	69.90	17-31-65-79
P6	70.20	19-29-67-77
P7	70.30	22-26-70-74
P8	37.50	02-06-10-14-18-22-26-30-34-38-42-46-50-54-58-62-66-70-74-78-82-86-90-94

Make TCP

Define Width meeting at 24 and 72

- Meet P1 G1
- Meet P1 G2
- Meet P1 G3
- Meet P1 G4
- Meet P1 G5
- Meet P1 G6 at 96
- Meet P1 G5 P2
- Meet P1 G4 P3
- Meet P1 G3 P4
- Meet P1 G2 P5
- Meet P1 G1 P6

Float in - part of forming the Iris. Should be about 2/3 of P1-width

Crown

C1	55.00	10-38-58-86
C2	26.00	02-06-10-14-18-22-26-30-34-38-42-46-50-54-58-62-66-70-74-78-82-86-90-94
C3	56.70	12-36-60-84
C4	57.90	14-34-62-82
C5	59.10	17-31-65-79
C6	59.50	19-29-67-77
C7	59.70	22-26-70-74
C8	20.00	02-06-10-14-18-22-26-30-34-38-42-46-50-54-58-62-66-70-74-78-82-86-90-94

Define Girdle width

Meet G1 C1 at 96 48

- Meet G2 C2 C1
- Meet G3 C2 C3
- Meet G4 C2 C4
- Meet G5 C2 C5
- Meet G6 C2 C6
- Float in approximately as P8