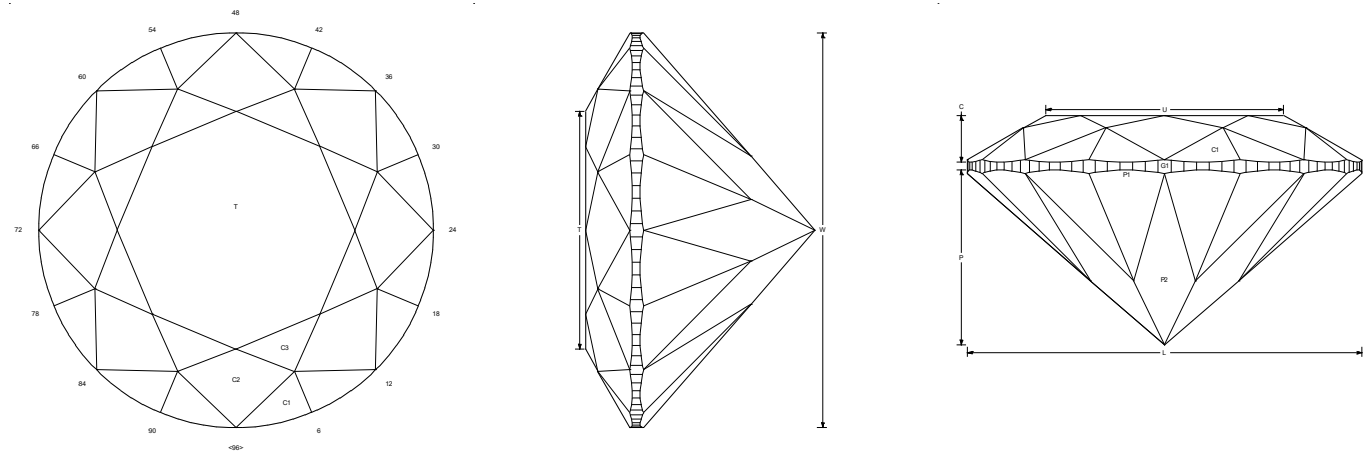
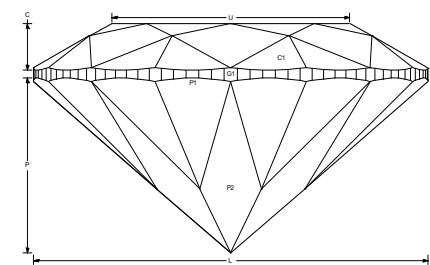


Section 8A-O
Minimum Size

Standard Round Brilliant – Continuous Girdle - Tourmaline
6 mm



Standard Round Brilliant with Continuous Girdle - Tourmaline
Meets (Crown 24 + Pavilion 17) Total 41



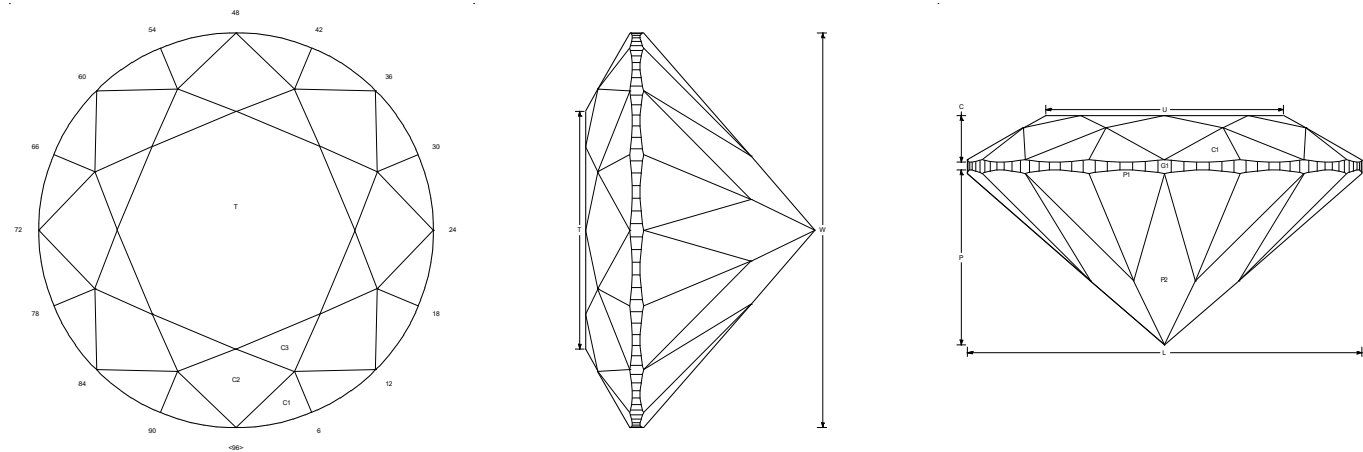
Angles for R.I. = 1.620
57 + 1 girdles = 58 facets
8-fold radial symmetry
96 index

L/W = 1.000 T/W = 0.602 U/W = 0.602
P/W = 0.444 C/W = 0.118
Vol./W³ = 0.201

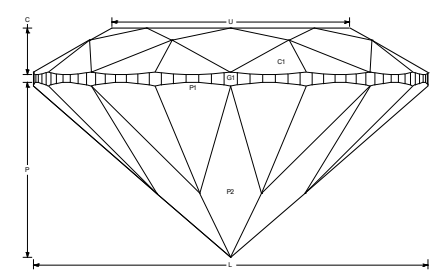
PAVILION			
P1	43.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut a TCP
G1	90.00°	(96 total)	Cut as a Continuous Girdle. - Cut to Size.
P2	41.00°	96-12-24-36-48-60-72-84	Meet P1, G1. - Form PCP.
CROWN			
C1	29.95°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set Girdle Thickness.
C2	24.14°	96-12-24-36-48-60-72-84	Meet C1, G1.
C3	13.11°	06-18-30-42-54-66-78-90	Meet C1, C2.
T	0.00°	Table	Meet C2.

Section
8A-I
Minimum Size

Standard Round Brilliant – Continuous Girdle - Amethyst
6 mm



Standard Round Brilliant with Continuous Girdle - Amethyst
Meets (Crown 24 + Pavilion 17) Total 41

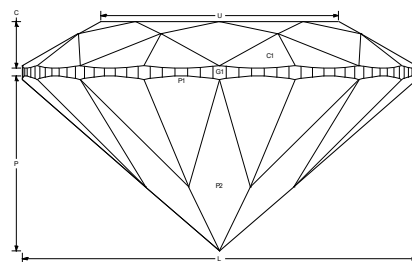
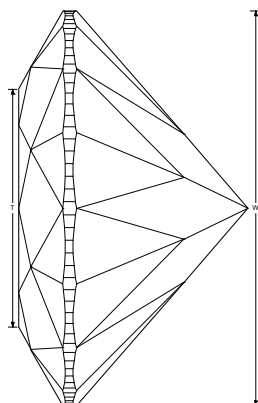
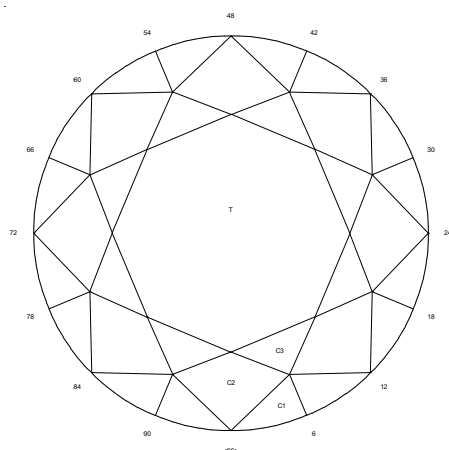


Angles for R.I. = 1.540
57 + 1 girdles = 58 facets
8-fold radial symmetry
96 index

L/W = 1.000 T/W = 0.602 U/W = 0.602
P/W = 0.444 C/W = 0.118
Vol./W³ = 0.201

PAVILION			
P1	43.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut a TCP
G1	90.00°	(96 total)	Cut as a Continuous Girdle. - Cut to Size.
P2	41.00°	96-12-24-36-48-60-72-84	Meet P1, G1. - Form PCP.
CROWN			
C1	29.95°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set Girdle Thickness.
C2	24.14°	96-12-24-36-48-60-72-84	Meet C1, G1.
C3	13.11°	06-18-30-42-54-66-78-90	Meet C1, C2.
T	0.00°	Table	Meet C2.

Section 8A-N&J Standard Round Brilliant – Continuous Girdle – Coloured CZ
Minimum Size 8mm

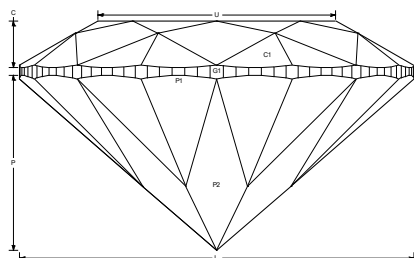


Standard Round Brilliant with Continuous Girdle – Coloured CZ
Meets (Crown 24 + Pavilion 17) Total 41

Angles for R.I. = 2.160

57 + 1 girdles = 58 facets
 8-fold radial symmetry
 96 index

$L/W = 1.000$ $T/W = 0.602$ $U/W = 0.602$
 $P/W = 0.444$ $C/W = 0.118$
 $Vol./W^3 = 0.201$



PAVILION

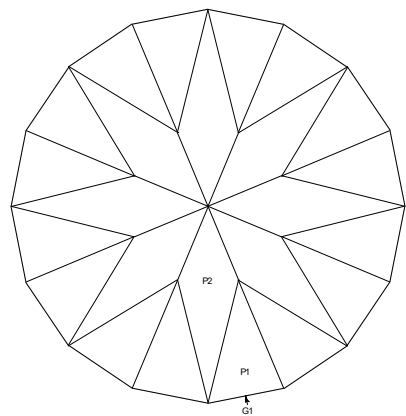
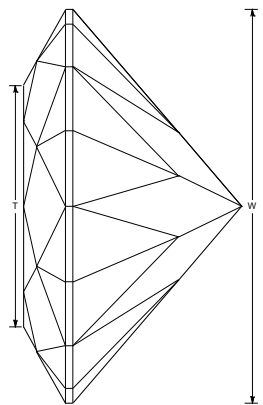
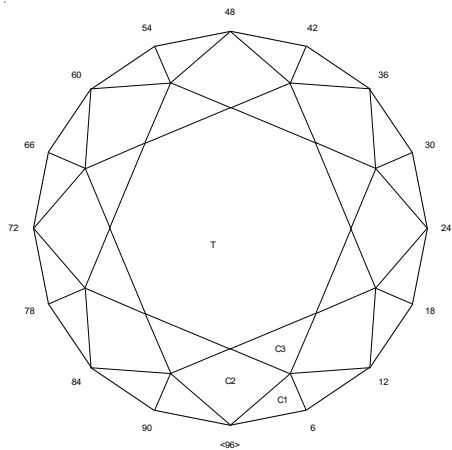
P1	40.99°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut a TCP
G1	90.00°	(96 total)	Cut as a Continuous Girdle. - Cut to Size.
P2	39.02°	96-12-24-36-48-60-72-84	Meet P1, G1. - Form PCP.

CROWN

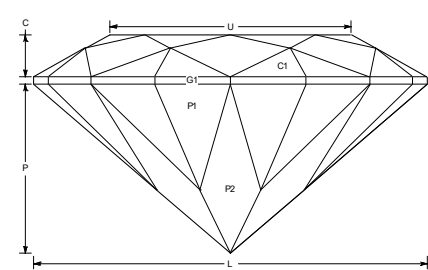
C1	41.99°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set Girdle Thickness.
C2	34.15°	96-12-24-36-48-60-72-84	Meet C1, G1.
C3	19.98°	06-18-30-42-54-66-78-90	Meet C1, C2.
T	0.00°	Table	Meet C2.

Section 8B-O
Minimum Size

Standard Round Brilliant – Faceted Girdle - Sapphire
6mm



Standard Round Brilliant - Faceted Girdle - Sapphire
Meets (Crown 32 + Pavilion 25) Total 57

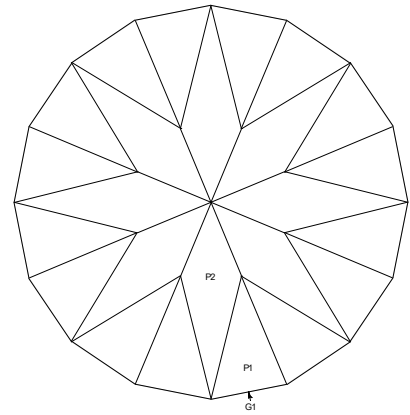
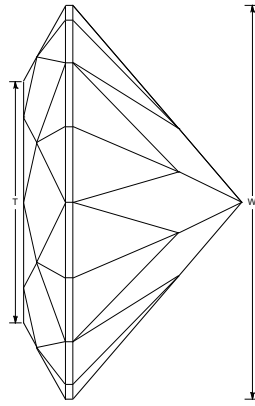
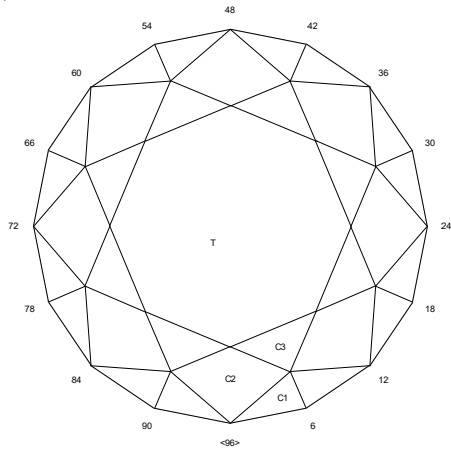


Angles for R.I. = 1.760
57 + 16 girdles = 73 facets
8-fold radial symmetry
96 index
 $L/W = 1.000$ $T/W = 0.613$ $U/W = 0.613$
 $P/W = 0.385$ $C/W = 0.094$
 $Vol./W^3 = 0.166$

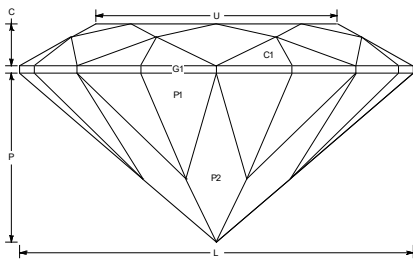
PAVILION

P1	39.52°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to TCP
G1	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut Girdle, Meet P1.
P2	37.56°	96-12-24-36-48-60-72-84	Meet P1, G1. - PCP
CROWN			
C1	32.94°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set Girdle Thickness.
C2	26.03°	96-12-24-36-48-60-72-84	Meet C1, G1.
C3	14.67°	06-18-30-42-54-66-78-90	Meet C2, C3.
T	0.00°	Table	Meet C2.

Section 8B-I	Standard Round Brilliant – Faceted Girdle - Sapphire
Minimum Size	6mm



Standard Round Brilliant - Faceted Girdle - Sapphire
Meets (Crown 32 + Pavilion 25) Total 57



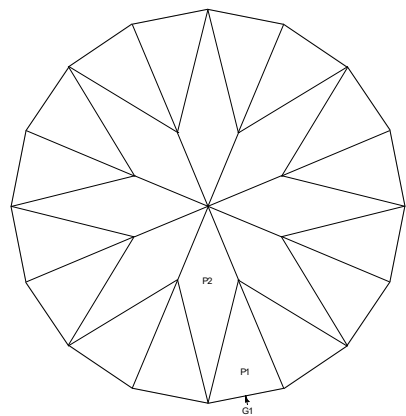
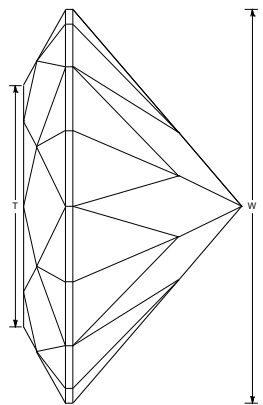
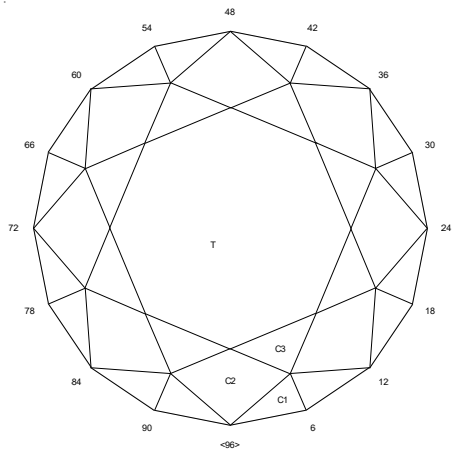
Angles for R.I. = 1.760
 57 + 16 girdles = 73 facets
 8-fold radial symmetry
 96 index
 $L/W = 1.000$ $T/W = 0.613$ $U/W = 0.613$
 $P/W = 0.385$ $C/W = 0.094$
 $Vol./W^3 = 0.166$

PAVILION

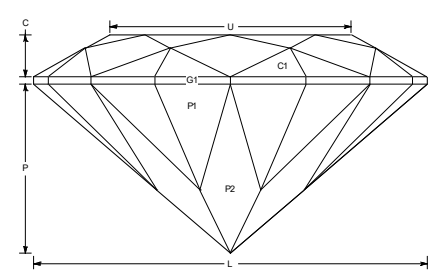
P1	39.52°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to TCP
G1	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut Girdle, Meet P1.
P2	37.56°	96-12-24-36-48-60-72-84	Meet P1, G1. - PCP
CROWN			
C1	32.94°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set Girdle Thickness.
C2	26.03°	96-12-24-36-48-60-72-84	Meet C1, G1.
C3	14.67°	06-18-30-42-54-66-78-90	Meet C2, C3.
T	0.00°	Table	Meet C2.

Section
8B-N
Minimum Size

Standard Round Brilliant – Faceted Girdle - Amethyst
6mm



Standard Round Brilliant - Faceted Girdle - Amethyst
Meets (Crown 32 + Pavilion 25) Total 57



Angles for R.I. = 1.540
57 + 16 girdles = 73 facets
8-fold radial symmetry
96 index
L/W = 1.000 T/W = 0.613 U/W = 0.613
P/W = 0.423 C/W = 0.094
Vol./W³ = 0.177

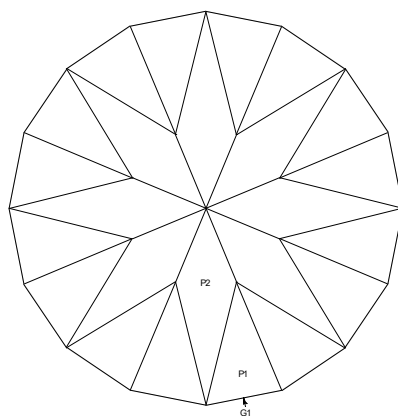
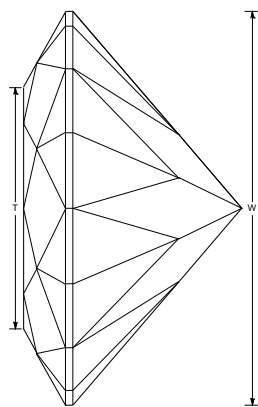
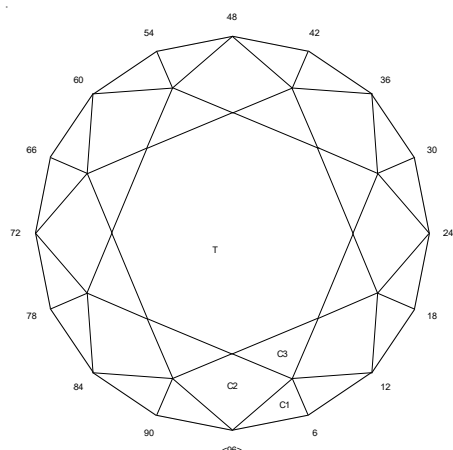
PAVILION

P1	42.22°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to TCP
G1	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut Girdle, Meet P1.
P2	40.23°	96-12-24-36-48-60-72-84	Meet P1, G1. - PCP

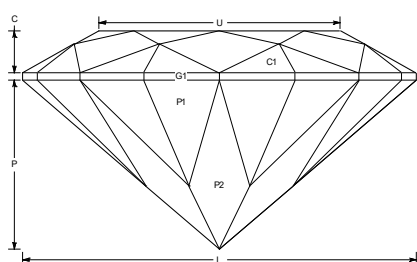
CROWN

C1	32.94°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set Girdle Thickness.
C2	26.03°	96-12-24-36-48-60-72-84	Meet C1, G1.
C3	14.67°	06-18-30-42-54-66-78-90	Meet C2, C3.
T	0.00°	Table	Meet C2.

Section 8B-J Standard Round Brilliant – Faceted Girdle – Cubic Zirconia
Minimum Size 6mm



Standard Round Brilliant - Faceted Girdle - Cubic Zirconia
Meets (Crown 32 + Pavilion 25) Total 57



Angles for R.I. = 2.150
 57 + 16 girdles = 73 facets
 8-fold radial symmetry
 96 index
 $L/W = 1.000$ $T/W = 0.613$ $U/W = 0.613$
 $P/W = 0.423$ $C/W = 0.094$
 $Vol./W^3 = 0.177$

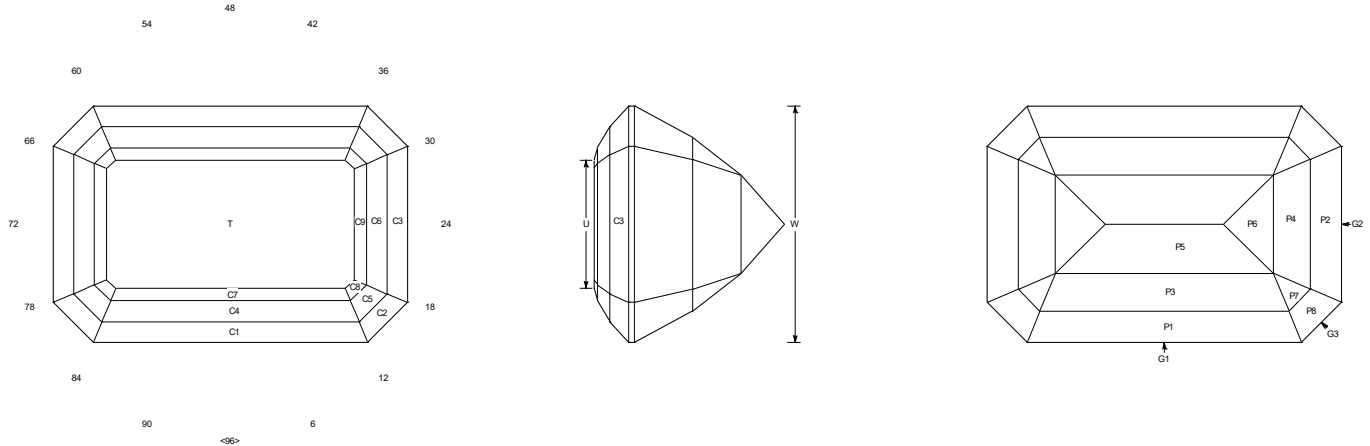
PAVILION

P1	42.22°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93	Cut to TCP
G1	90.00°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93	Cut Girdle, Meet P1.
P2	40.23°	96-12-24-36-48-60-72-84	Meet P1, G1. - PCP

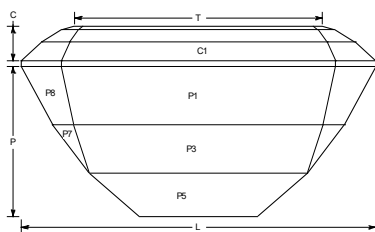
CROWN

C1	32.94°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93	Set Girdle Thickness.
C2	26.03°	96-12-24-36-48-60-72-84	Meet C1, G1.
C3	14.67°	06-18-30-42-54-66-78-90	Meet C2, C3.
T	0.00°	Table	Meet C2.

Section 9A-O Standard Oblong Step Cut – Cut Corners – Ametrine **Minimum Size 6mm**



Standard Oblong Step Cut with Cut Corners - Ametrine **Meets (Crown 24 + Pavilion 20) Total 44**



Angles for R.I. = 1.540
 45 + 8 girdles = 53 facets
 2-fold radial symmetry
 96 index
 $L/W = 1.502$ $T/W = 1.045$ $U/W = 0.543$
 $P/W = 0.638$ $C/W = 0.147$
 $Vol./W^3 = 0.635$

PAVILION

G1	90.00°	96-48
G2	90.00°	24-72
P1	62.04°	96-48
P2	62.04°	24-72
P3	51.87°	96-48
P4	51.87°	24-72
P5	41.84°	96-48
P6	41.84°	24-72
P7	51.87°	12-36-60-84
P8	62.04°	12-36-60-84
G3	90.00°	12-36-60-84

Set Width
 Set Length.
 Form Girdle.
 Level Girdle.
 Judge Depth by Eye.
 Meet P1, P2, P3.
 Judge Depth by Eye , Form Keel.
 Meet P3, P4, P5.
 Meet P3, P4, P5, P6.
 Meet P1, P3, P7.
 Level Girdle.

CROWN

C1	42.43°	96-48
C2	42.43°	12-36-60-84
C3	42.43°	24-72
C4	29.95°	96-48
C5	29.95°	12-36-60-84
C6	29.95°	24-72
C7	17.34°	96-48
C8	17.34°	12-36-60-84
C9	17.34°	24-72
T	0.00°	Table

Set Girdle Thickness.
 Level Girdle.
 Level Girdle.
 Judge Height by Eye.
 Meet C1, C2, C4.
 Meet C2, C3, C5.
 Judge Height By Eye.
 Meet C4, C5, C7.
 Meet C5, C6, C8.
 Judge Height By Eye.

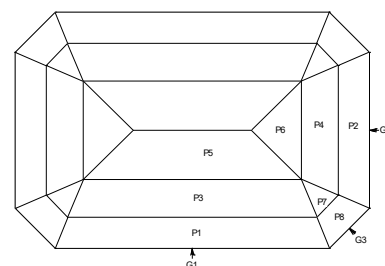
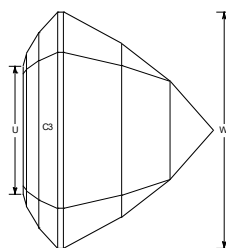
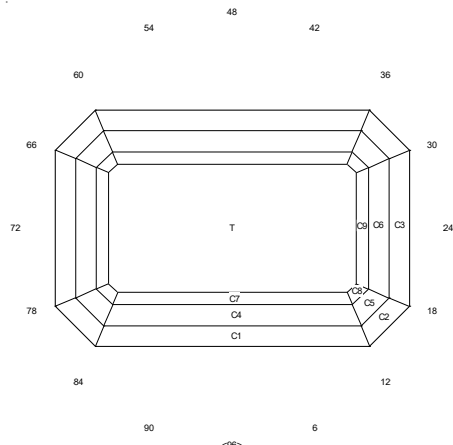
Section 9A-I/N

Minimum Size

Standard Oblong Step Cut – Cut Corners – Topaz

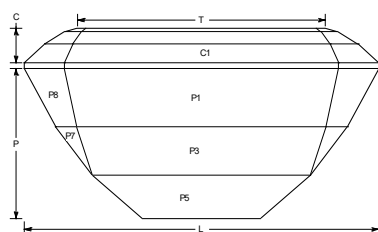
6mm

9A-I – Coloured Topaz; 9A-N – Colourless Topaz.



Standard Oblong Step Cut with Cut Corners - Topaz

Meets (Crown 24 + Pavilion 20) Total 44



Angles for R.I. = 1.610

45 + 8 girdles = 53 facets

2-fold radial symmetry

96 index

$L/W = 1.502$ $T/W = 1.045$ $U/W = 0.543$

$P/W = 0.638$ $C/W = 0.118$

$Vol./W^3 = 0.604$

PAVILION

G1	90.00°	96-48
G2	90.00°	24-72
P1	62.04°	96-48
P2	62.04°	24-72
P3	51.87°	96-48
P4	51.87°	24-72
P5	41.84°	96-48
P6	41.84°	24-72
P7	51.87°	12-36-60-84
P8	62.04°	12-36-60-84
G3	90.00°	12-36-60-84

Set Width
Set Length.
Form Girdle.
Level Girdle.
Judge Depth by Eye.
Meet P1, P2, P3.
Judge Depth by Eye , Form Keel.
Meet P3, P4, P5.
Meet P3, P4, P5, P6.
Meet P1, P3, P7.
Level Girdle.

CROWN

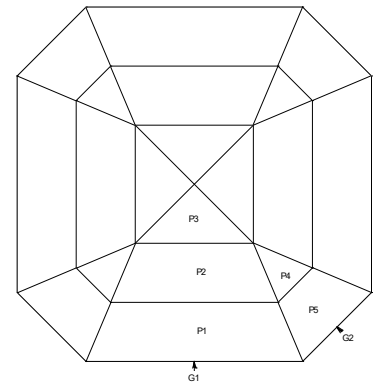
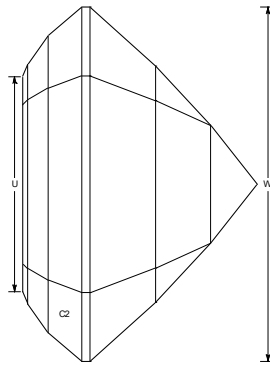
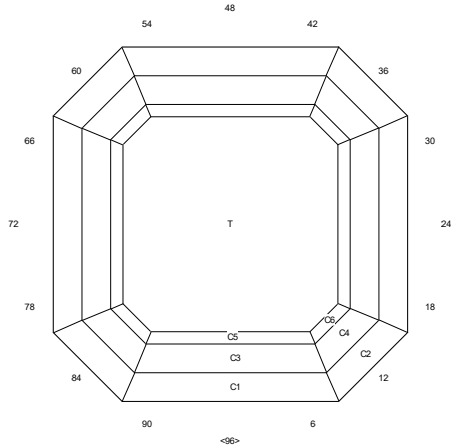
C1	36.17°	96-48
C2	36.17°	12-36-60-84
C3	36.17°	24-72
C4	24.75°	96-48
C5	24.75°	12-36-60-84
C6	24.75°	24-72
C7	14.02°	96-48
C8	14.02°	12-36-60-84
C9	14.02°	24-72
T	0.00°	Table

Set Girdle Thickness.
Level Girdle.
Level Girdle.
Judge Height by Eye.
Meet C1, C2, C4.
Meet C2, C3, C5.
Judge Height By Eye.
Meet C4, C5, C7.
Meet C5, C6, C8.
Judge Height By Eye.

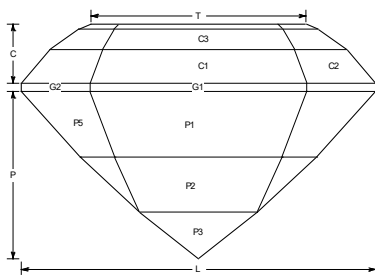
Section 9B-O/I/N Standard Square Step Cut – Cut Corners – Quartz

Minimum Size 6mm

9B-O – Coloured Australian Quartz; 9B-I – Smokey Quartz; 9B-N – Rose Quartz



Standard Square Step Cut with Cut Corners - Quartz Meets (Crown 24 + Pavilion 21) Total 45



Angles for R.I. = 1.540

45 + 8 girdles = 53 facets

4-fold radial symmetry

96 index

$L/W = 1.000$ $T/W = 0.607$ $U/W = 0.607$

$P/W = 0.471$ $C/W = 0.165$

$Vol./W^3 = 0.299$

PAVILION

G1	90.00°	96-24-48-72
P1	48.02°	96-24-48-72
P2	42.98°	96-24-48-72
P3	38.04°	96-24-48-72
P4	42.98°	12-36-60-84
P5	48.02°	12-36-60-84
G2	90.00°	12-36-60-84

Set size

Cut to TCP.

Judge Depth by Eye. TCP.

Judge Depth by Eye. PCP.

Cut Corner to Meet P3.

Cut a Level Tier, Meet P1, P2, P4.
level Girdle, Meet P1,P2,P5.

CROWN

C1	48.81°	96-24-48-72
C2	48.81°	12-36-60-84
C3	35.77°	96-24-48-72
C4	35.77°	12-36-60-84
C5	21.32°	96-24-48-72
C6	21.32°	12-36-60-84
T	0.00°	Table

Set Girdle Thickness.

Level Girdle.

Judge Height by Eye.

Level Tier. Meet C1, C2.

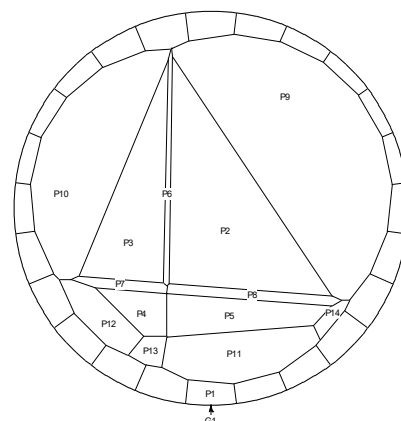
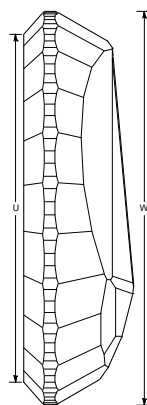
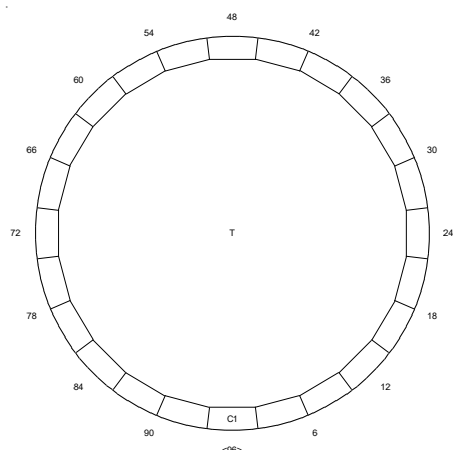
Judge Height by Eye.

Level Tier. Meet C3, C4.

Judge Height By Eye.

Section 10-O
Minimum Size

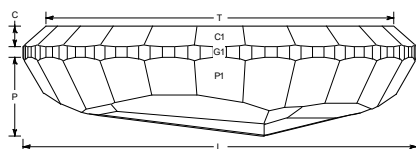
Sailboat CG – Quartz (Suggestion of up to 20mm Light/No Colour)
10 mm



Sailboat Continuous Girdle Flat Crown – Any Quartz

J. Hamer 2013 = Modified

Meets (Crown = 0 + Pavilion =3) Total =3



Angles for R.I. = 1.540

62 + 1 girdles = 63 facets

4-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.883 U/W = 0.883

P/W = 0.198 C/W = 0.051

Vol./W³ = 0.150

PAVILION

G1	90.00°	(96 total)
P1	60.00°	96-04-08-12-16-20-24-28-32-36-40-44-48-52-56-60-64-68-72-76-80-84-88-92
P2	9.00°	33
P3	13.90°	66
P4	20.00°	84
P5	15.50°	06
P6	8.60°	62
P7	14.00°	76
P8	8.50°	14
P9	15.00°	33
P10	20.00°	66
P11	25.00°	04
P12	25.00°	84
P13	25.00°	87
P14	25.00°	09

Cut as One Continuous Girdle. - Size Stone.
Cut P1 Facets (Not more than 1/4 distance)

Size Sailboat. P2 will Not be Central.

Meet P1, P2 between indexes 48 & 54

Meet P3 & P1 between indexes 76 & 80

Meet P2, P3 & P4.

Frost on Stationary Lap.

Frost on Stationary Lap.

Frost on Stationary Lap.

Meet P2, P8, P1 at bottom of Sail. Frosted

Make Sati same height at top. Frosted.

Meet P 4, P5, P13. Frosted.

Meet P7, P4, P10. Frosted.

Meet P4, P5, P11. Frosted

Meet P8, P9. Frost on a stationary Lap.

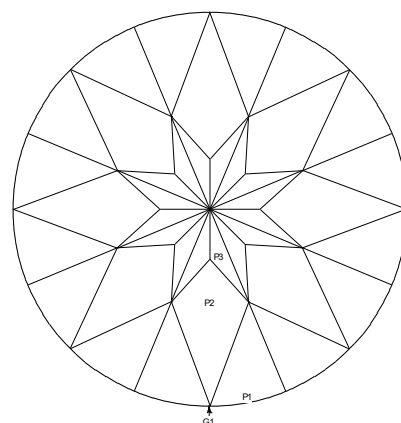
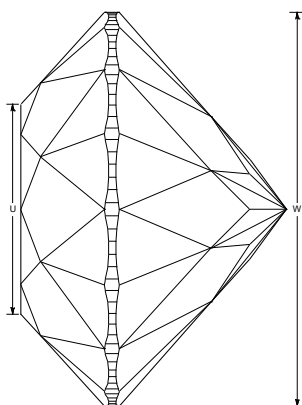
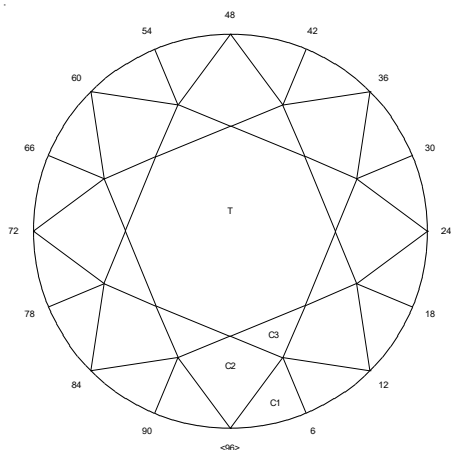
CROWN

C1	41.02°	96-04-08-12-16-20-24-28-32-36-40-44-48-52-56-60-64-68-72-76-80-84-88-92
T	0.00°	Table

Facet evenly to create 90% Table

Section 10-I
Minimum Size

Zircon Cut a1 – Zircon
6 mm



Zircon Cut a1

V Powell

Meets (Crown 24 + Pavilion 17) Total 41

Continuous Girdle.

Angles for R.I. = 1.820

73 + 1 girdles = 74 facets

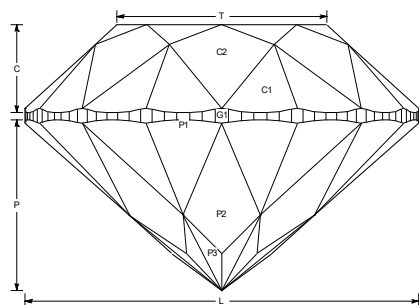
8-fold radial symmetry

96 index

$L/W = 1.000$ $T/W = 0.533$ $U/W = 0.533$

$P/W = 0.432$ $C/W = 0.222$

$Vol./W^3 = 0.248$



PAVILION

P1	44.07°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
G1	90.00°	(96 total)
P2	41.34°	96-12-24-36-48-60-72-84
P3	37.30°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93

Cut to TCP

Outline Girdle. Single Facet.

Cut to Meet Girdle.

Cut to Meet P1

CROWN

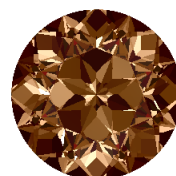
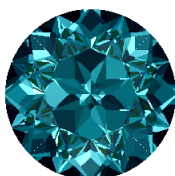
C1	47.22°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
C2	42.12°	96-12-24-36-48-60-72-84
C3	25.87°	06-18-30-42-54-66-78-90
T	0.00°	Table

Cut to Set Girdle Width.

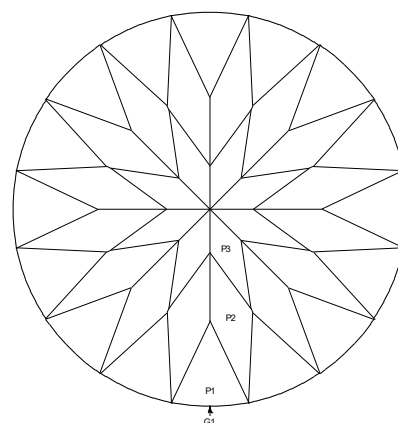
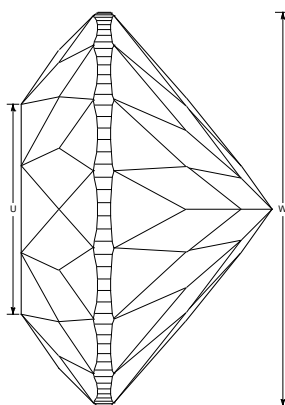
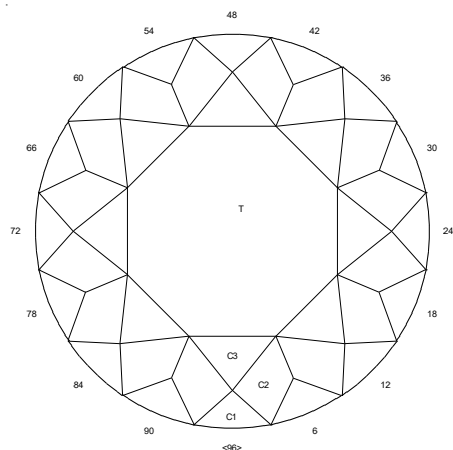
Cut to Girdle.

Cut to Meet C1, C2

Table , Cut to Meet C2.



Section 10-N **Gamma Brilliant – Citrine**
Minimum Size **8 mm**



Gamma Brilliant Continuous Girdle - Citrine

Author Unknown

Meets:- (Crown - 32 + Pavilion - 33) TOTAL 65

Angles for R.I. = 1.540

81 + 1 girdles = 82 facets

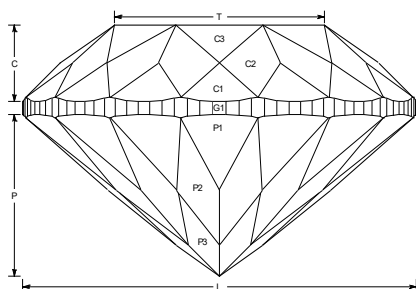
16-fold radial symmetry

96 index

$L/W = 1.000$ $T/W = 0.532$ $U/W = 0.532$

$P/W = 0.410$ $C/W = 0.192$

$Vol./W^3 = 0.237$



PAVILION

P1	41.49°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90
G1	90.00°	(96 total)
P2	39.51°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93
P3	37.55°	06-18-30-42-54-66-78-90

Cut to form TCP

Round Girdle

Meet P1 at the girdle.

Meet P2, P1 & P2.

CROWN

C1	45.20°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90
C2	40.04°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93
C3	34.72°	96-12-24-36-48-60-72-84
T	0.00°	Table

Establish width of girdle.

Meet C1 at the girdle.

Meet C2, C1 & C2.

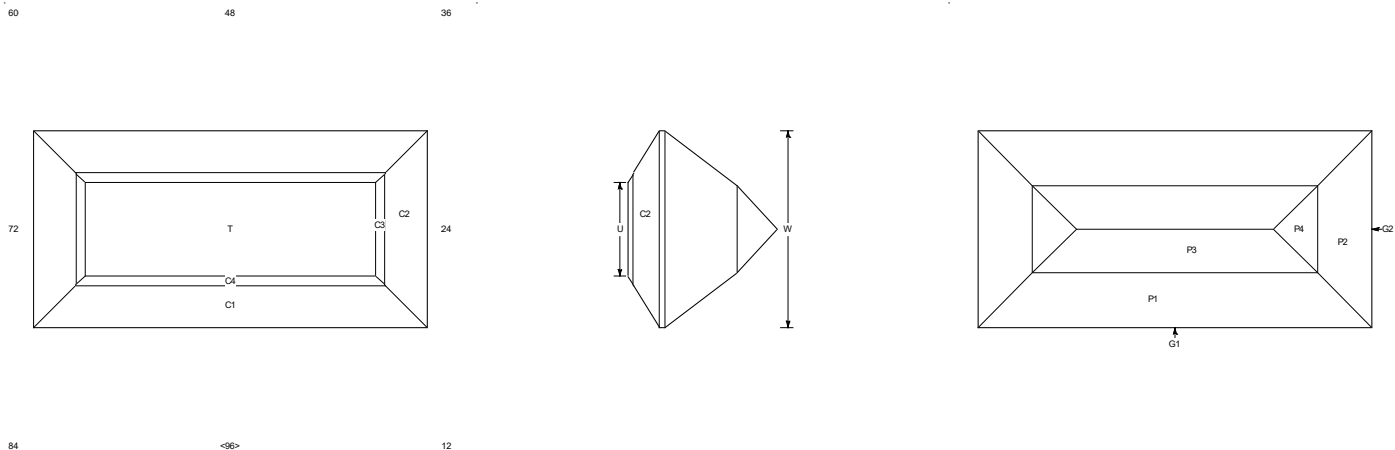
Meet C3, C2, C2 & C3.

Section 10-J

Minimum Size

Baguette – Cubic Zirconia

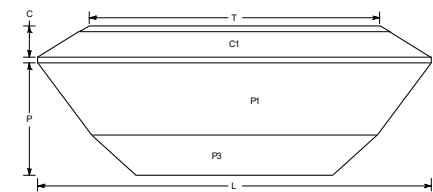
8 mm



10-JBaguetteM - CZ

Steele, Norman W; Seattle F Design, Modified

Meets: (Crown 8 + Pavilion 8) Total 16



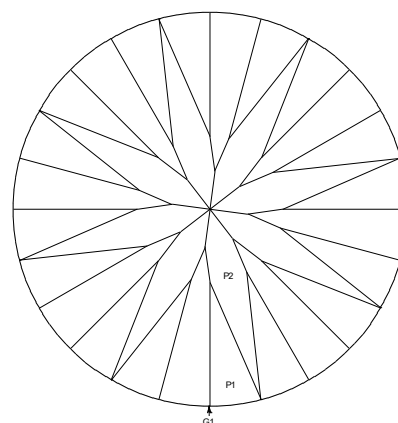
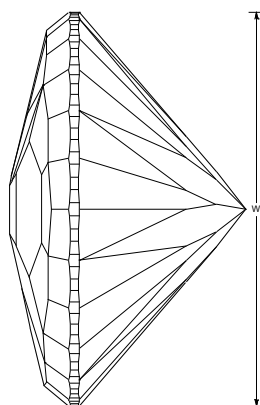
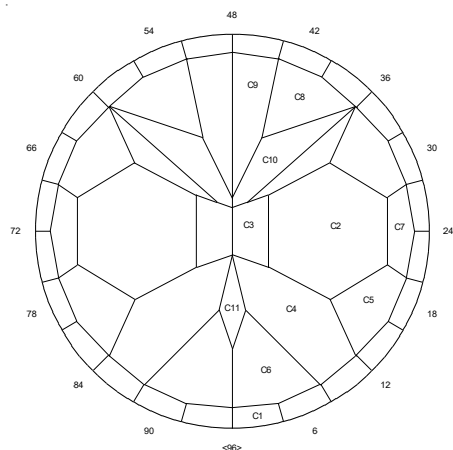
Angles for R.I. = 2.150
17 + 4 girdles = 21 facets
2-fold radial symmetry
96 index
 $L/W = 2.000$ $T/W = 1.476$ $U/W = 0.474$
 $P/W = 0.566$ $C/W = 0.157$
 $Vol./W^3 = 0.786$

PAVILION

P1	52.52°	96-48	
G1	90.00°	96-48	Set Width
P2	52.52°	24-72	Meet P1, G1
G2	90.00°	24-72	Set Length
P3	42.55°	96-48	1/3 height to Girdle
P4	42.55°	24-72	Meet P1, P2 & P3
CROWN			
T	0.00°	Table	Set Table Length to 1.8 times Width
C1	31.64°	96-48	Meet Table and Girdle
C2	31.64°	24-72	Meet C1 and T
C3	26.93°	24-72	Cut to meet C1, C2, T
C4	26.93°	96-48	Cut to meet C3

Section 11-O
Minimum Size

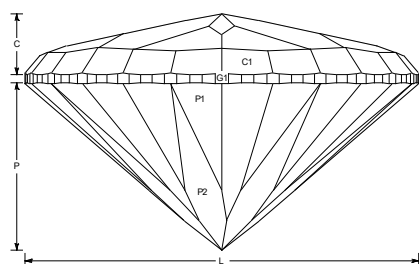
Owl Face CG – Topaz
8 mm



Owl Face 2a-Continuous Girdle - Topaz

Version VP 20231010 – Original J. Hamer

Meets (Crown 17 + Pavilion 1) Total 18



Angles for R.I. = 1.610

79 + 1 girdles = 80 facets

1-fold radial symmetry

96 index

L/W = 1.000

P/W = 0.425 C/W = 0.155

Vol./W³ = 0.195

PAVILION

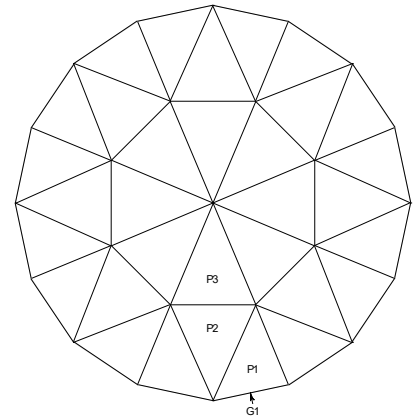
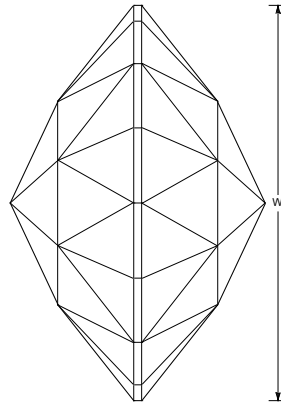
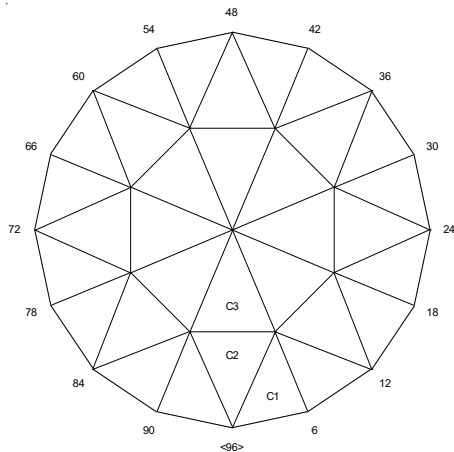
P1	40.90°	02-06-10-14-18-22-26-30-34-38-42-46-50-54-58-62-66-70-74-78-82-86-90-94	Cut to Centre Point.
G1	90.00°	(96 total)	Size Stone - Cut as One Continuous Facet.
P2	40.10°	04-16-28-40-52-64-76-88	Cut to Meet G1.

CROWN

C1	50.00°	02-06-10-14-18-22-26-30-34-38-42-46-50-54-58-62-66-70-74-78-82-86-90-94	Set Girdle Width.
C2	12.00°	24-72	Size Design, Polish all Crown Facets.
C3	10.00°	24-72	Meet C1 (Between Index 2 & 6) Frosted
C4	12.60°	08-40-56-88	Meet C1 (Between Index 14 & 18) Frosted.
C5	17.00°	18-30-66-78	Meet C1 (Between Index 10 & 14) Frosted.
C6	14.00°	04-92	Meet C1 (Between Index 6 & 10.) Frosted.
C7	20.00°	24-72	Meet C1 (Between Index 18 & 22) Frosted.
C8	13.80°	42-54	Meet C1 (Between Index. 34 & 38) Frosted.
C9	13.60°	46-50	Meet C1 (Between Index 42 & 46 .) Frosted
C10	12.90°	41-55	Meet C1 (C6, C5,) Polish.
C11	12.40°	96	Meet .C3, C4. -Polish.

Section 11-I
Minimum Size

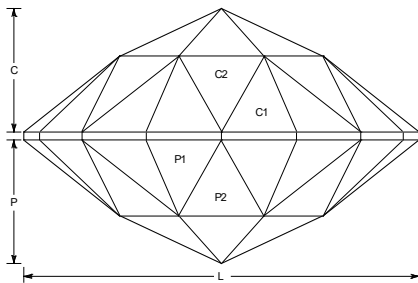
Double Rose – Colourless CZ
10 mm



Double Rose

Livingstone, Bob

Meets (Crown 25 + Pavilion 25) Total 50.



Angles for R.I. = 2.150

64 + 16 girdles = 80 facets

8-fold radial symmetry

96 index

L/W = 1.000

P/W = 0.313 C/W = 0.313

Vol./W³ = 0.215

PAVILION

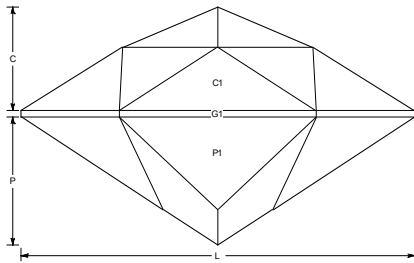
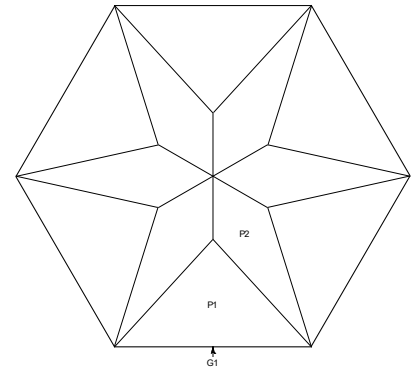
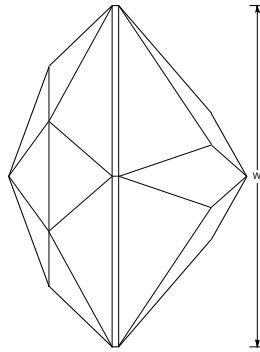
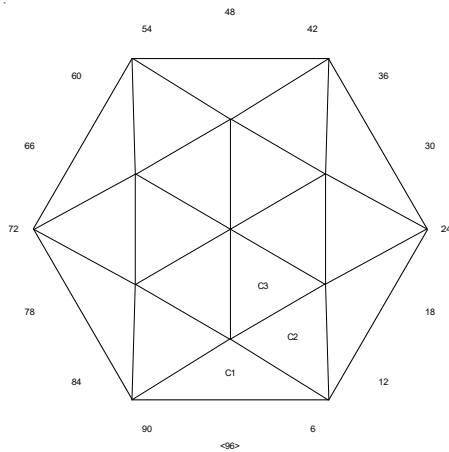
P1	41.80°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93	Cut to TCP.
G1	90.00°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93	Cut to Meet P1. Set Size
P2	38.66°	96-12-24-36-48-60-72-84	Meet P1, G1
P3	24.79°	96-12-24-36-48-60-72-84	Meet P1, P2

CROWN

C1	41.80°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93	Set Girdle Width.
C2	38.66°	96-12-24-36-48-60-72-84	Meet C1, G1
C3	24.79°	96-12-24-36-48-60-72-84	Meet C1, C2.

Section 11-N
Minimum Size

Aphex – Topaz
6 mm



Aphex

Jeff Ford

Meets (Crown 13 + Pavilion 7) Total 20

Angles for R.I. = 1.610

30 + 6 girdles = 36 facets

8-fold radial symmetry

96 index

L/W = 1.155

P/W = 0.374 C/W = 0.303

Vol./W³ = 0.250

PAVILION

P1	40.63°	96-16-32-48-64-80
G1	90.00°	96-16-32-48-64-80
P2	32.95°	08-24-40-56-72-88

Cut to TCP.

Cut a Level Girdle.

Cut to Meet P1 at G1.

CROWN

C1	45.88°	96-16-32-48-64-80
C2	31.61°	08-24-40-56-72-88
C3	23.21°	08-24-40-56-72-88

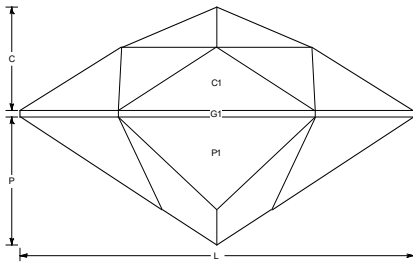
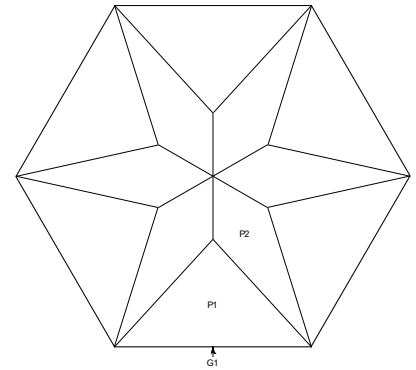
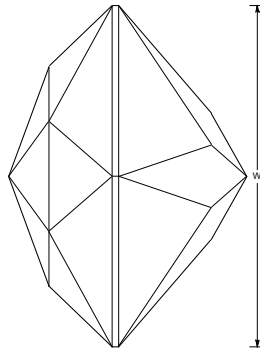
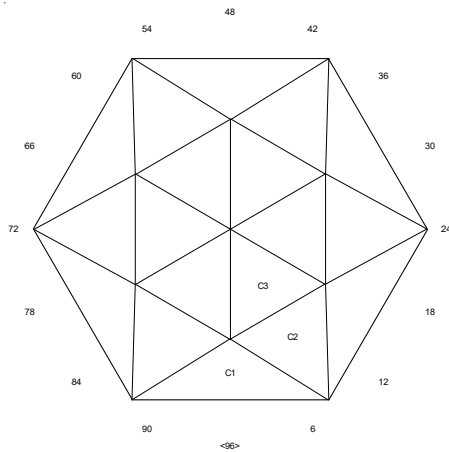
Cut to G1, Set Girdle.

Cut to Meet G1.

Meet C1.

Section 11-J
Minimum Size

Aphex – Cubic Zirconia
6 mm



Aphex

Jeff Ford

Meets (Crown 13 + Pavilion 7) Total 20

Angles for R.I. = 2.150

30 + 6 girdles = 36 facets

8-fold radial symmetry

96 index

$L/W = 1.155$

$P/W = 0.499$ $C/W = 0.276$

$Vol./W^3 = 0.279$

PAVILION

P1	48.84°	96-16-32-48-64-80
G1	90.00°	96-16-32-48-64-80
P2	40.84°	08-24-40-56-72-88

Cut to TCP.

Cut a Level Girdle.

Cut to Meet P1 at G1.

CROWN

C1	43.15°	96-16-32-48-64-80
C2	29.23°	08-24-40-56-72-88
C3	21.30°	08-24-40-56-72-88

Cut to G1, Set Girdle.

Cut to Meet G1.

Meet C1.