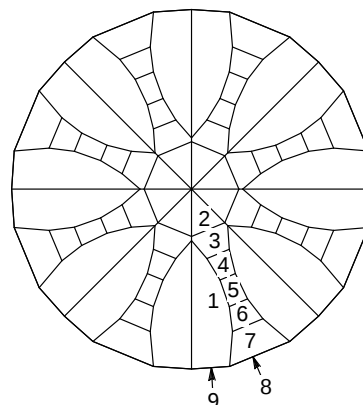
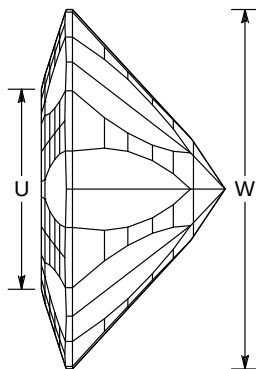
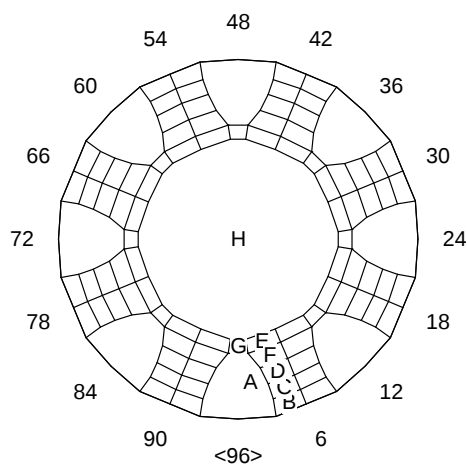




Wagon wheel

by Jón Olaf Svane, November 2002

Angles for R.I. = 2.160

161 + 24 girdles = 185 facets

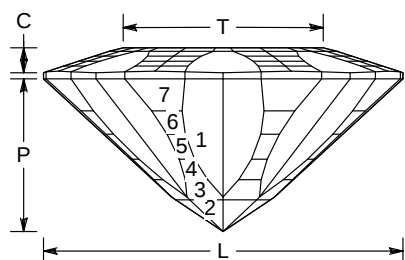
8-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.556$ $U/W = 0.556$

$P/W = 0.425$ $C/W = 0.069$

$Vol./W^3 = 0.169$



PAVILION

1	42.70°	01-11-13-23-25-35-37-47-49-59-61-71-73-83-85-95
2	35.80°	06-18-30-42-54-66-78-90
3	37.72°	06-18-30-42-54-66-78-90
4	39.67°	06-18-30-42-54-66-78-90
5	41.66°	06-18-30-42-54-66-78-90
6	43.68°	06-18-30-42-54-66-78-90
7	45.75°	06-18-30-42-54-66-78-90
8	90.00°	06-18-30-42-54-66-78-90
9	90.00°	01-11-13-23-25-35-37-47-49-59-61-71-73-83-85-95

CROWN

A	18.00°	96-12-24-36-48-60-72-84
B	18.00°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91
C	17.00°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91
D	16.35°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91
E	14.42°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91
F	15.06°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91
G	14.42°	96-12-24-36-48-60-72-84
H	0.00°	Table

Evolved from experiments with close angled stepcuts between straight mains in 8-fold symmetry.

D:\Jón Olaf Svane\Nojfaló\facet\dotgem\wagon.gem