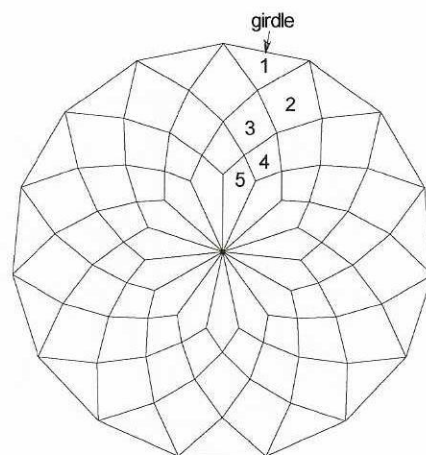
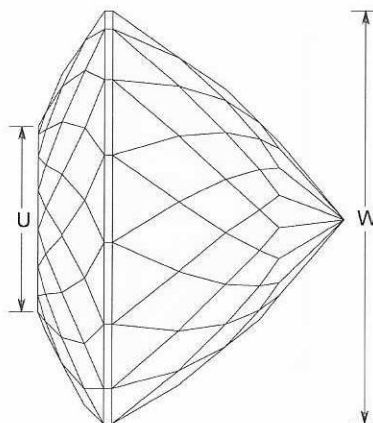
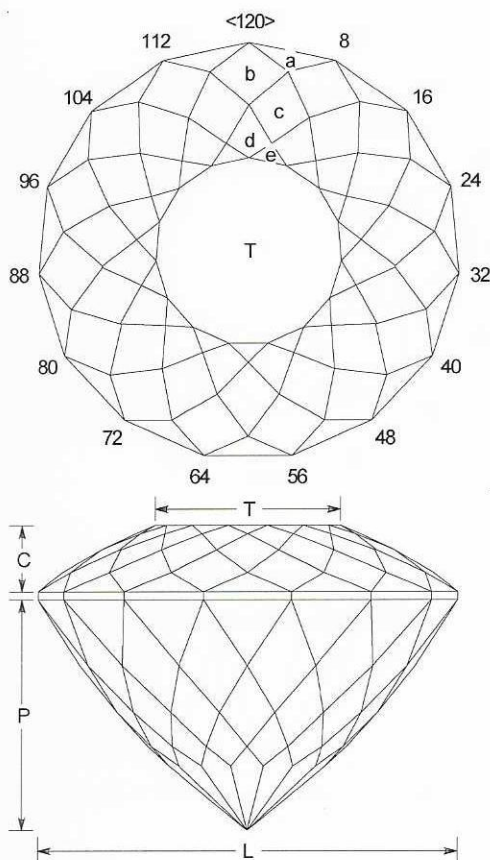




Odd Main Portuguese

By Ernie Hawes

Angles for R.I. = 2.160

151 + 15 girdles = 166 facets

15-fold radial symmetry

120 index

$L/W = 1.006$ $T/W = 0.447$ $U/W = 0.444$

$P/W = 0.557$ $C/W = 0.158$

$Vol./W^3 = 0.267$

PAVILION

girdle	90.00°	004-012-020-028-036-044-052-060-068-076-084-092-100-108-116
1	60.00°	004-012-020-028-036-044-052-060-068-076-084-092-100-108-116
2	55.00°	120-008-016-024-032-040-048-056-064-072-080-088-096-104-112
3	50.00°	004-012-020-028-036-044-052-060-068-076-084-092-100-108-116
4	45.30°	120-008-016-024-032-040-048-056-064-072-080-088-096-104-112
5	40.20°	004-012-020-028-036-044-052-060-068-076-084-092-100-108-116

Cut 15 girdle facets at designated settings

Cut first pavilion row at girdle settings

Meet 1 at girdle

Cut to tips of row 1 facets

Cut to tips of row 2 facets

Cut to tips of row 3 facets

CROWN

a	43.00°	004-012-020-028-036-044-052-060-068-076-084-092-100-108-116
b	33.00°	120-008-016-024-032-040-048-056-064-072-080-088-096-104-112
c	28.30°	004-012-020-028-036-044-052-060-068-076-084-092-100-108-116
d	24.60°	120-008-016-024-032-040-048-056-064-072-080-088-096-104-112
e	19.60°	004-012-020-028-036-044-052-060-068-076-084-092-100-108-116
T	0.00°	Table

Set girdle thickness

Meet a at the girdle

Cut to tip of a

Cut to tip of b

Cut to tip of c

Cut level with juncture of d & e