

Turning Triangle Cut

Design by Torbjörn Lorin, 26 Oct 1996

Angles for R.I. = 1.540

43 + 9 girdles = 52 facets

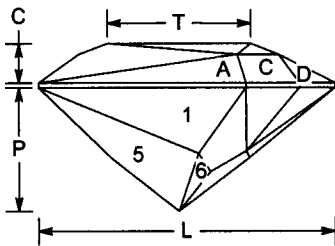
3-fold radial symmetry

96 index

$L/W = 1.101$ $T/W = 0.532$ $U/W = 0.460$

$P/W = 0.455$ $C/W = 0.145$

$Vol./W^3 = 0.171$



PREFORM

G1	90.00°	96-32-64	Fix size
PF1	46.00°	96-32-64	Cut to TCP (Temporary centerpoint)
PF2	42.92°	29-61-93	Cut to TCP
PF3	38.71°	26-58-90	Cut to TCP
G2	90.00°	29-61-93	Level girdle
G3	90.00°	26-58-90	Level Girdle

PAVILION

1	54.41°	96-32-64	Recut girdle
2	51.53°	29-61-93	Level girdle
3	47.54°	26-58-90	Level girdle
4	51.21°	30-62-94	Meet girdle
5	48.84°	01-33-65	Meet girdle in corner
6	48.06°	96-32-64	Meet 1
7	42.00°	27-59-91	Cut to centerpoint
8	45.37°	25-57-89	Meet girdle in corner

CROWN

A	42.00°	96-32-64	Fix girdle size
B	32.50°	31-63-95	Meet girdle in corner
C	41.00°	03-35-67	Level girdle
D	39.08°	06-38-70	Level girdle
E	25.83°	03-35-67	Meet A (and D)
F	23.00°	96-32-64	Meet A,C
G	0.00°	Table	Meet E

First cut was a colorless zircon from Mud Tank Zircon Field, N.T., Australia

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