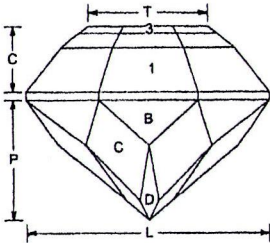
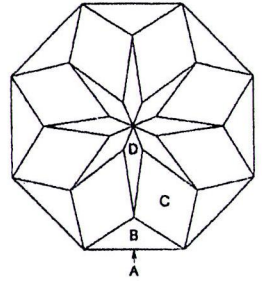
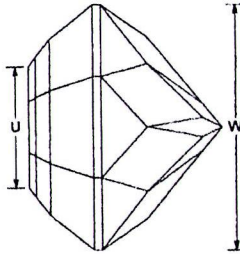
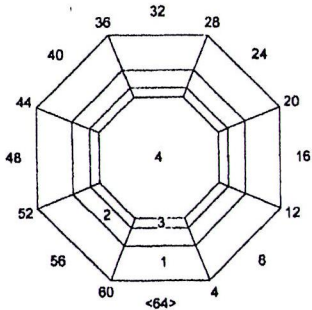


New South Wales GEMKHANA

Junior Section J.10(3) Octagonal Star.

Material – Man Made coloured C.Z.

Facets 57 (49+8 Girdle) Meets 41 (Crown 24, Pavilion 17)



Octagonal Star

By H.S. Fangrath

Angles for C.Z.

Angles for R.I. = 2.160

49 + 8 girdles = 57 facets

8-fold radial symmetry

64 index

L/W = 1.000 T/W = 0.497 U/W = 0.497

P/W = 0.503 C/W = 0.268

Vol./W³ = 0.325

PAVILION

A	90.00°	64-08-16-24-32-40-48-56
B	56.00°	64-08-16-24-32-40-48-56
C	44.00°	04-12-20-28-36-44-52-60
D	40.00°	64-08-16-24-32-40-48-56

CROWN

1	52.00°	64-08-16-24-32-40-48-56
2	38.84°	64-08-16-24-32-40-48-56
3	36.89°	64-08-16-24-32-40-48-56
4	0.00°	Table