



### Tanzanite Hex

Loren Brown, RSA Gems (c) 2018

Angles for R.I. = 1.690

51 + 6 girdles = 57 facets

2-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.498 U/W = 0.496

P/W = 0.552 C/W = 0.216

Vol./W<sup>3</sup> = 0.333

#### PREFORM

G1 90.00° 96-24-48-72

G2 90.00° 12-60

#### PAVILION

P1 46.00° 96-24-48-72

P2 46.06° 47-95

P3 46.10° 25-73

P4 44.72° 39-87

P4b 44.75° 33-81

P5 45.27° 01-49

P6 45.49° 23-71

P7 44.20° 02-50

P8 44.52° 22-70

P9 60.00° 96-24-48-72

P10 64.09° 36-84

#### CROWN

C1 50.00° 96-24-48-72

50.00° 12-60

C2 40.00° 96-24-48-72

40.00° 12-60

C3 30.00° 96-48

30.00° 12-60

30.00° 24-72

C4 23.60° 25-47-73-95

0.00° Table

C5 26.50° 11-59

Created this for a specific tanzanite. Should work well for other stones.

C:\Users\Loren Brown\Documents\Hex and Oct\TanzaniteHex.gem