

Penta cut (Pentaslipping swe)

Design by: Torbjörn Lorin, Sweden, Mar 27 1990

(5TL2.GEM)

Angles for R.I. = 1.540

56 + 5 girdles = 61 facets

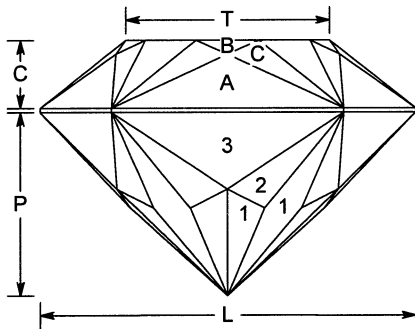
5-fold, mirror-image symmetry

80 index

$L/W = 1.051$ $T/W = 0.570$ $U/W = 0.542$

$P/W = 0.515$ $C/W = 0.190$

$Vol./W^3 = 0.247$



PAVILION

	90.00°	80-16-32-48-64	Adjust size
1	43.00°	02-08-14-18-24-30-34-40-46-50-56-62-66-72-78	Cut to centerpoint
2	48.00°	03-13-19-29-35-45-51-61-67-77	Cut to corner
3	60.56°	80-16-32-48-64	Meet 1,2

CROWN

A	51.91°	80-16-32-48-64	Adjust girdle size
B	34.00°	80-08-16-24-32-40-48-56-64-72	Meet girdle, then cut with constant height
C	42.00°	02-14-18-30-34-46-50-62-66-78	Meet girdle
	0.00°	Table	Meet B,C

This design is easy to cut, only a few changes in angle and height.

D:\Fasett\5TL2.GEM