

BRIGHT ANGEL,

design by Paul Head. This cut is recommended for stones larger than 12mm and light colored material. Angles for Topaz.

Inspired by John Green's Barion Round

Angles for R.I. = 1.620

113 + 16 girdles = 129 facets

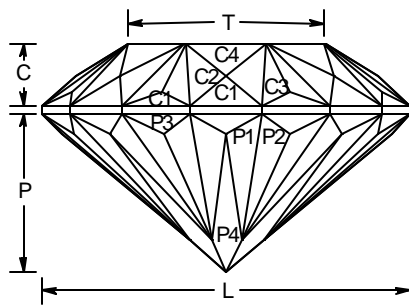
8-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.531 U/W = 0.531

P/W = 0.431 C/W = 0.171

Vol./W³ = 0.221



PAVILION

P1	40.69°	02-10-14-22-26-34-38-46-50-58-62-70-74-82-86-94	Cut to common center point. See footnotes!
G1	90.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Set stone size, locates girdle.
P2	40.89°	04-08-16-20-28-32-40-44-52-56-64-68-76-80-88-92	Meet G1-G1-P1 on the girdle.
P3	47.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Meet at the same point.
P4	40.00°	96-12-24-36-48-60-72-84	Meet P1-P1-P3 at upper break point.

CROWN

C1	42.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Set 0.3mm girdle thickness.
C2	36.92°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet G1-G1-C1-C1 on the girdle.
C3	38.04°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91	Meet at the same point.
C4	32.00°	96-12-24-36-48-60-72-84	Meet at C1-C2-C2 break point.
	0.00°	Table	Meet C2-C3-C4 for the table.