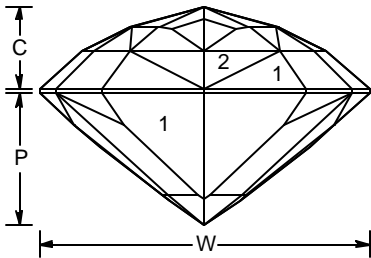


NAFC 2005 - by Jerry L.Capps, 1/13/2003

P4 is 1/2 dgr from P3, but different NDXing.
 ISO with 5 dgr HS; Totaling 0,10,20,30,40,50=473.1
 Sequencing is by gemcad; Starting with P5 is optional.
 Angles for R.I. = 1.720
 86 + 12 girdles = 98 facets
 1-fold, mirror-image symmetry
 96 index
 LW = 1.095
 PW = 0.396 C/W = 0.251
 Vol./W³ = 0.225



PAVILION

Facet	Angle	Facet Numbers	Notes
1	41.90°	08-12-20-24-40-44-52-56-72-76-84-88	TCP
2	90.00°	08-12-20-24-40-44-52-56-72-76-84-88	CAM
3	38.93°	13-19-45-51-77-83	GMP; new TCP
4	38.45°	23-41-55-73	MTCP; MP 3-1-1
5	35.00°	13-19-29-35-45-51-61-67-77-83	GMP (4); CMH all; new PCP

CROWN

Facet	Angle	Facet Numbers	Notes
1	41.40°	08-12-20-24-40-44-52-56-72-76-84-88	Level girdle
2	33.50°	06-26-38-58-70-90	GMP
3	29.60°	12-20-44-52-76-84	MP 2-1-1
4	26.20°	09-23-41-55-73-87	MP 3-2-1-1
5	26.95°	06-26-38-58-70-90	MP 4-3-1-1-2
6	16.00°	09-23-41-55-73-87	MP 4-3-3-4; Apex
7	16.73°	05-27-37-59-69-91	MP 6-4-5; Meet Apex
8	21.00°	01-31-33-63-65-95	MP 5-2-2