



Easy Oval for Sapphire (O.2)  
 Modified from Omni Oval 1.33:1 Strickland 1998  
 To be cut in MM Corundum  
 Angles for R.I. = 1.760  
 69 + 16 girdles = 85 facets  
 2-fold, mirror-image symmetry  
 96 index  
 $L/W = 1.330$   $T/W = 0.792$   $U/W = 0.595$   
 $P/W = 0.527$   $C/W = 0.142$   
 $Vol./W^3 = 0.328$

PAVILION

1	40.00°	04-11-17-31-	TCP
		37-44-52-59-	
		65-79-85-92	
2	39.70°	20-28-68-76	TCP
G1	90.00°	20-28-68-76	Establish length
G2	90.00°	13-35-61-83	OMNI: meet 1-2-G1*
G3	90.00°	07-41-55-89	OMNI: Meet 1-1-G2
G4	90.00°	02-46-50-94	OMNI: Meet 1-1-G3
3	65.10°	13-35-61-83	Level girdle
4	67.36°	07-41-55-89	"
5	68.67°	02-46-50-94	"
6	39.03°	14-34-62-82	Meet 1-1-3-4
7	38.47°	96-48	Meet culet
8	38.37°	24-72	Meet culet

CROWN

A	40.83°	02-46-50-94	Leave some girdle
B	39.19°	07-41-55-89	Level girdle
C	35.48°	13-35-61-83	"
D	33.91°	20-28-68-76	"

E	35.00°	96-48	Meet A-A at girdle
F	30.63°	10-38-58-86	Meet B-C at girdle
G	27.79°	24-72	Meet D-D at girdle
H	19.65°	05-43-53-91	Meet A-B-E-F
J	16.10°	16-32-64-80	Meet C-D-F-G
T	0.00°		Table