



### Prince of Portugal

By Ernie Hawes  
 CAM Preform by Jeff Theesfeld  
 Angles for R.I. = 1.610  
 20 + 20 girdles = 40 facets  
 4-fold, mirror-image symmetry  
 96 index  
 $L/W = 1.000$   
 $C/W = 0.492$   
 $(g1\ g1)/W = 1.000$   
 $Vol./W^3 = 0.706$

#### PREFORM

1	44.52°	96-24-48-72	Cut to TCP
2	43.66°	02-22-26-46- 50-70-74-94	Cut to TCP
3	41.00°	06-18-30-42- 54-66-78-90	Cut to TCP
g1	90.00°	96-24-48-72	Set stone size for final 12 mm
g2	90.00°	02-22-26-46- 50-70-74-94	Meet 1 and g1
g3	90.00°	06-18-30-42- 54-66-78-90	Meet 2 and g2

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