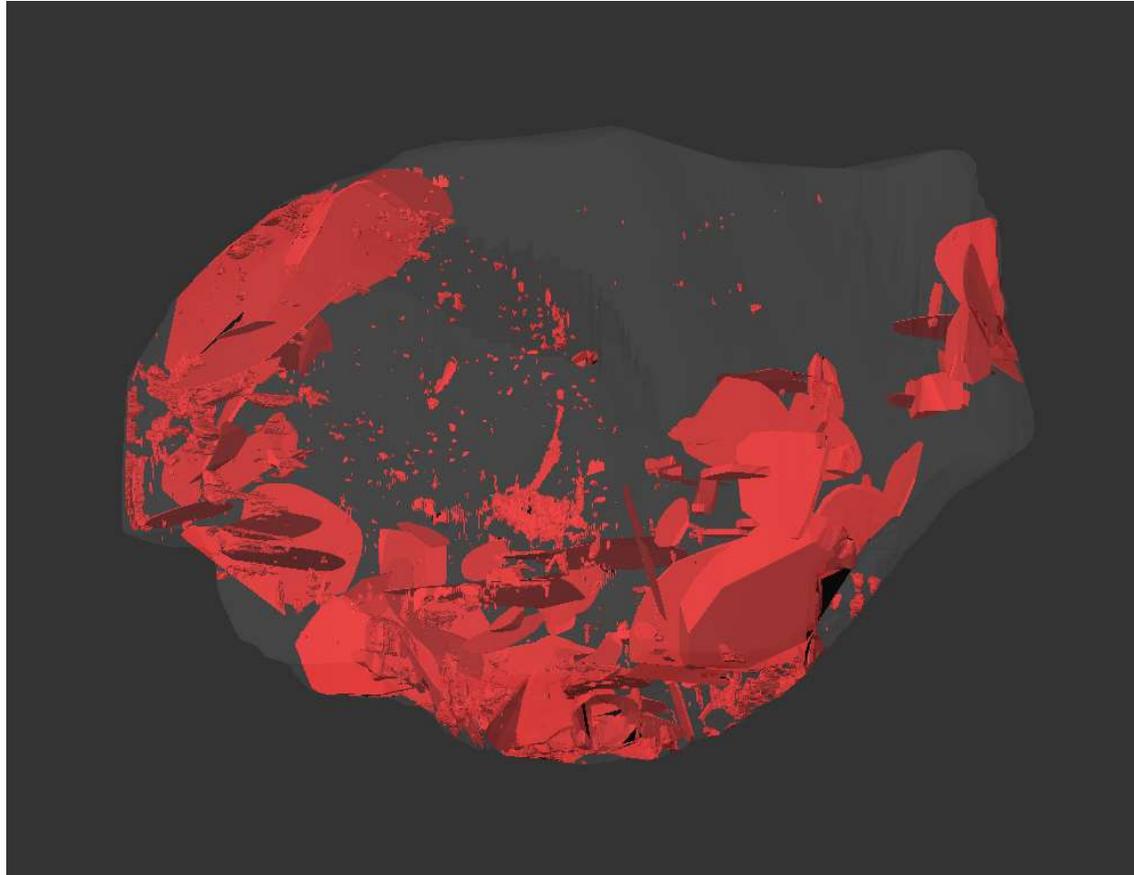


Re-Imageneering Diamonds:  
Rough

**67.57 Ct**

# Image with Inclusion



# Standard Plan - 18.05 Ct - 2.018 m\$

Oxygen - [Recut\_10-09-15]

File Edit View Inclusion Window Settings Help

Scan Recut diamonds inclusions polished PhotoReal developer

Allocation solutions x GIA Facetware

Plans & Scans

#	Price	Cutting	Mass	Yield	Clarity	Col	Gr	Cut	Symm
Active scan	68.5807								
13	1843293\$	Brilliant	19.0301	27.75%	VS1	D	EX	EX	EX
110	1748368\$	Brilliant	18.0578	26.32%	VS1	D	VG	EX	EX

Solution

110 cutting: Brilliant Mass: 18.0578 ct  
 Price: 1 748 368 \$ Clarity: VS1  
 Discount: -25.00 % M Color: D  
 PPC: 96863 \$/ct Grade: VG

Inclusions

ID	Type	Location	Severity
3D-1		I1	
3D-10 HOLE		I1	
3D-12		I1	
3D-14		I1	
3D-15		I1	
3D-16		I1	
3D-17 HOLE		I1	
3D-2		I1	

Active Appraiser and Pricelist

Appraiser: MyGIA | GIA Facetware + MyGIA  
 Profile: KG\_GIA  
 Pricelist: LEXUS\_PRICE\_09MARCH\_2012

Select algorithm and diamonds for allocation.

Algorithm 06. Semicut (final)

Cutting list: Brilliant grade of 1st diam: EX

Run Diamond Results

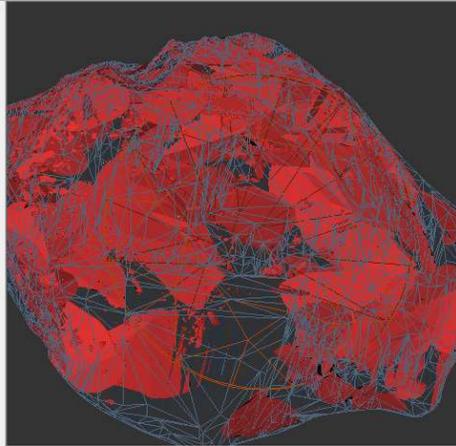
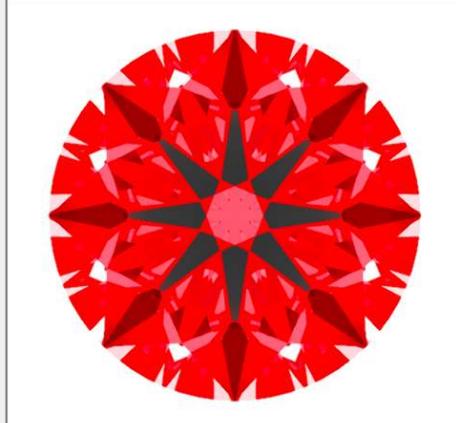
Choose polish quality: EX

Choose rounding rules for calculations:  
 GIA Rounding Rules (recommended)  
 Math Rounding Rules

Parameters	Min	Max	Dev	Avg	Rounded value	Estimated Cut Grade	Estimated Symmetry Grade	Estimated Polish Grade
Shape	-	-	-	Brilliant	-	-	-	-
Estimated Weight (Ct)	-	-	-	18.0578	-	-	-	-
Diameter (mm)	16.66	16.71	0.05	16.68	-	-	EX	-
Table Size (%)	56.3	56.5	0.1	56.4	56	-	EX	-
Crown Angle (°)	36.00	36.10	0.10	36.03	36.0	-	EX	-
Pavilion Angle (°)	40.60	40.70	0.10	40.63	40.6	VG	EX	-
Star Length (%)	45.0	45.0	0.0	45.0	45	-	EX	-
Lower Half (%)	78.3	78.3	0.0	78.3	80	-	EX	-
Girdle Bezel Thickness (%)	3.84	3.85	0.01	3.85	4.0	-	EX	-
Star Angle (°)	21.5	21.5	0.0	21.5	21.5	-	EX	-
Upper Angle (°)	41.9	42.0	0.1	41.9	41.9	-	EX	-
Lower Angle (°)	41.7	41.8	0.1	41.8	41.8	-	EX	-
Girdle Valley Minimum (%) *	-	-	-	2.16	STK	EX	-	-
Girdle Valley Maximum (%) *	-	-	-	2.16	STK	EX	-	-
Culet Size (%) *	-	-	-	0.00	NON	EX	-	-
Crown Height (%)	15.88	15.88	0.01	15.88	16.0	-	EX	-
Pavilion Depth (%)	42.92	42.93	0.01	42.93	43.0	-	EX	-
Total Depth (%)	-	-	-	62.66	62.7	-	-	-
Table offset (%)	-	-	-	0.000	-	-	EX	-
Culet offset (%)	-	-	-	0.000	-	-	EX	-
Table-Culet (%)	-	-	-	0.000	-	-	EX	-
Crown Painting (°)	0.00	0.04	0.04	0.02	0.0	EX	-	-
Pavilion Painting (°)	0.00	0.04	0.04	0.02	0.0	EX	-	-
Sum Painting (°)	-	-	-	0.04	0.0	EX	-	-
Junction Twist (°)	0.00	0.00	-	-	-	-	-	-
Twist (°)	0.00	0.00	-	-	-	-	-	-
Radius roundness by OctoNus	for window size 15%:			0.06	-	-	EX	-
	for window size 30%:			0.11	-	-	EX	-
	for window size 45%:			0.15	-	-	EX	-
	for window size 90%:			0.21	-	-	EX	-
Table edge (%)	21.57	21.60	0.03	21.58	-	-	-	-
Virtual table edge (%)	21.57	21.60	0.03	21.58	-	-	-	-
Table edge junction (%)	0.00	0.00	0.00	0.00	-	-	-	-
Table angle (°)	134.9	135.1	0.2	135.0	-	-	-	-
Bezel width (%)	28.17	28.23	0.06	28.20	-	-	-	-

Estimated Intermediate GIA Cut Grade: VG EX EX  
 Estimated Final GIA Cut Grade: VG VG EX

Report generated successfully

View: Standard Facetware Export: Polish Report... Custom Report... Comparative Repo... Print Label Model Building Info

# Auto Re-Imagineering Plan - 19.03 Ct - 2.128 m\$

Oxygen - [Recut\_10-09-15]

File Edit View Inclusion Window Settings Help

Scan Recut diamonds inclusions polished Photoreal developer

Allocation solutions x GIA Facetware

▼ Plans & Scans

#	Price	Cutting	Mass	Yield	Clarity	Col	Gr	Cut	Symm
Active scan	68,5807								
13	1843293\$	Brilliant	19.0301	27.75%	VSI	D	EX	EX	EX
110	1748368\$	Brilliant	18.0578	26.32%	VSI	D	VG	VG	EX

▼ Solution

13	cutting: Brilliant	Mass: 19.0301 ct
	Price: 1 843 293 \$	Clarity: VS1
	Discount: -25.00 % M	Color: D
	PPC: 96863 \$/ct	Grade: EX

▼ Inclusions

ID	Type	Grade
3D-1		I1
3D-10 HOLE		I1
3D-12		I1
3D-14		I1
3D-15		I1
3D-16		I1
3D-17 HOLE		I1
3D-2		I1

▼ Active Appraiser and Pricelist

Appraiser: MyGIA | GIA Facetware + MyGIA

Profile: KG\_GIA Show Editor

Pricelist: LEXUS\_PRICE\_09MARCH\_2012

Select algorithm and diamonds for allocation.

Algorithm 06\_Semicut (final)

Cutting list: Brilliant grade of 1st diam: EX

Run Diamond Results

Choose polish quality: EX

Choose rounding rules for calculations:

GIA Rounding Rules (recommended)

Math Rounding Rules

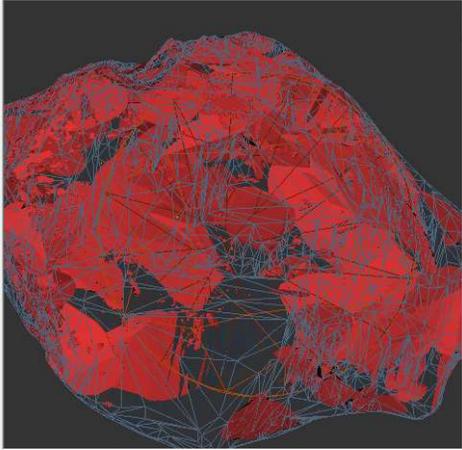
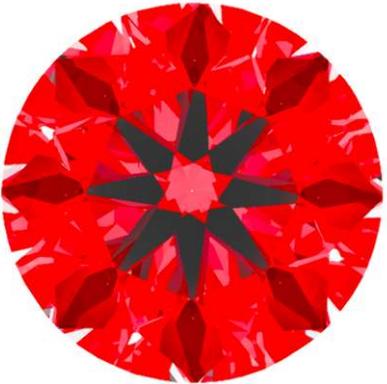
Parameters	Min	Max	Dev	Avg	Rounded value	Estimated Cut Grade	Estimated Symmetry Grade	Estimated Polish Grade
Shape	-	-	-	Brilliant	-	-	-	-
Estimated Weight (Ct)	-	-	-	19.0301	-	-	-	-
Diameter (mm)	16.93	16.99	0.06	16.96	-	EX	-	-
Table Size (%)	54.5	55.3	0.8	54.9	55	EX	-	-
Crown Angle (°)	36.30	37.10	0.80	36.49	36.5	EX	-	-
Pavilion Angle (°)	40.50	40.60	0.10	40.56	40.6	EX	-	-
Star Length (%)	53.1	55.9	2.8	54.7	55	EX	-	-
Lower Half (%)	74.4	76.9	2.5	75.0	75	EX	-	-
Girdle Bezel Thickness (%)	3.04	3.76	0.73	3.47	3.5	EX	-	-
Star Angle (°)	24.4	25.5	1.1	24.9	24.9	EX	-	-
Upper Angle (°)	44.2	47.2	3.0	45.3	45.3	EX	-	-
Lower Angle (°)	41.2	41.6	0.4	41.4	41.4	EX	-	-
Girdle Valley Minimum (%)	-	-	-	1.24	THN	EX	-	-
Girdle Valley Maximum (%)	-	-	-	2.09	STK	EX	-	-
Culet Size (%)	-	-	-	0.47	NON	EX	-	-
Crown Height (%)	16.53	17.16	0.63	16.70	16.5	EX	-	-
Pavilion Depth (%)	42.17	43.02	0.84	42.65	42.5	EX	-	-
Total Depth (%)	-	-	-	62.82	62.8	-	-	-
Table offset (%)	-	-	-	0.200	-	EX	-	-
Culet offset (%)	-	-	-	0.472	-	EX	-	-
Table-Culet (%)	-	-	-	0.672	-	EX	-	-
Crown Painting (°)	-2.65	-1.24	1.41	-2.01	-2.0	EX	-	-
Pavilion Painting (°)	1.95	3.43	1.48	2.50	2.5	EX	-	-
Sum Painting (°)	-	-	-	0.49	0.5	EX	-	-
Junction Twist (°)	-0.60	0.61	-	-	-	-	-	-
Twist (°)	0.01	1.00	-	-	-	-	-	-
Radius roundness by OctoNus								
for window size 15°:				0.32	-	EX	-	-
for window size 30°:				0.36	-	EX	-	-
for window size 45°:				0.37	-	EX	-	-
for window size 90°:				0.38	-	EX	-	-
Table edge (%)	20.76	21.45	0.69	21.02	-	-	-	-
Virtual table edge (%)	20.76	21.45	0.69	21.02	-	-	-	-
Table edge junction (%)	0.00	0.00	0.00	0.00	-	-	-	-
Table angle (°)	134.6	135.6	1.0	135.0	-	-	-	-
Bezel width (%)	29.43	30.02	0.59	29.75	-	-	-	-

Estimated Intermediate GIA Cut Grade: EX EX EX

Estimated Final GIA Cut Grade: EX EX EX

Report generated successfully

View: Standard Facetware Export Polish Report... Custom Report... Comparative Repo... Print Label Model Building Info

Gain – Weight of 0.98 Ct / Value of \$ 11000 (5.45%)

Active scan 68.5807

✓	13	2128030\$	Brilliant	19.0301	27.75%	VVS2	D	EX	EX
✓	110	2018441\$	Brilliant	18.0578	26.32%	VVS2	D	VG	EX

▼ Solution

Color selection: ■ ■ ■ ■ ■ ■ ■ delete

Comparative report

▼ Inclusions

3D-1	●	I1	▼
3D-12	●	I1	▼
3D-14	●	I1	▼
3D-15	●	I1	▼
3D-16	●	I1	▼
3D-2	●	I1	▼
3D-20	●	I1	▼
3D-21	●	I1	▼

▼ Active Appraiser and Pricelist

Appraiser: MyGIA | GIA Facetware + MyGIA

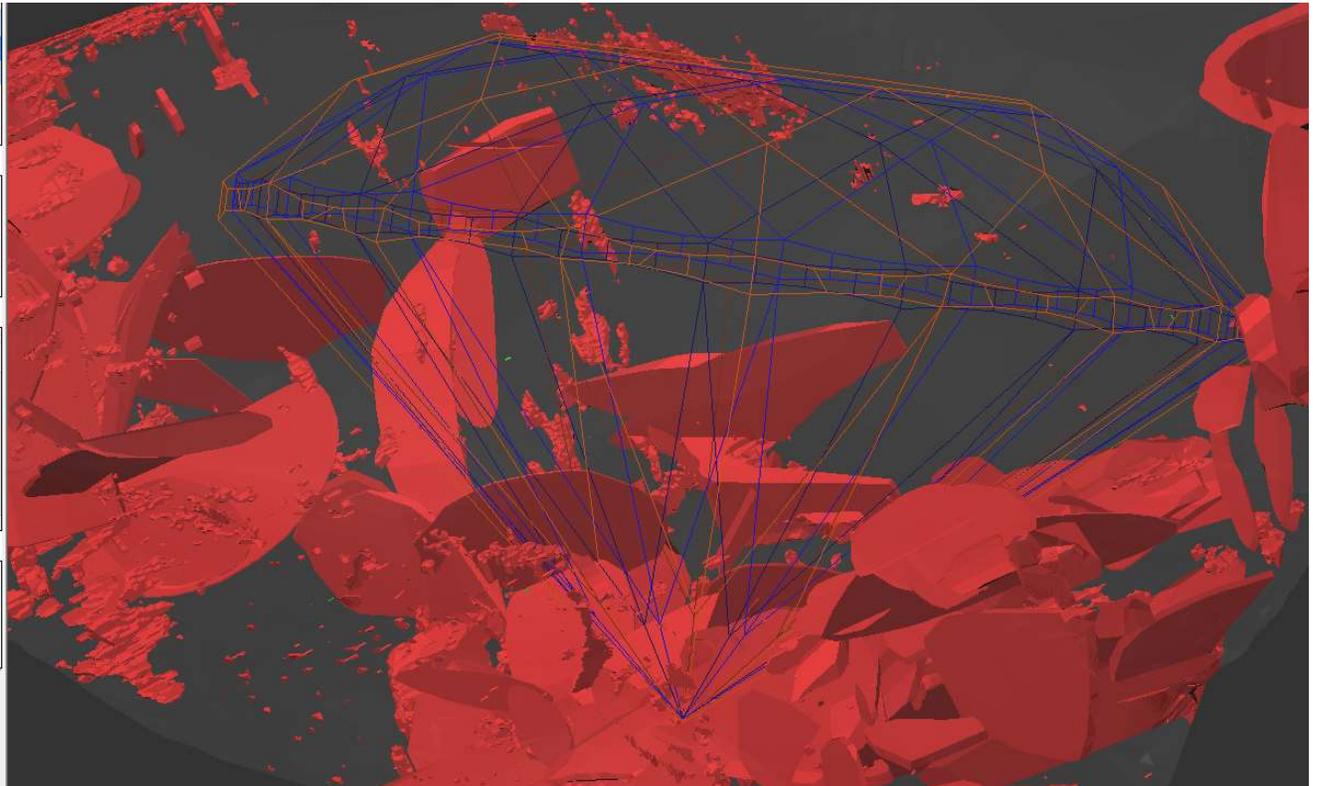
Profile: KG\_GIA Show Editor

Pricelist: LEXUS\_PRICE\_09MARCH\_2012

Select algorithm and diamonds for allocation.

Algorithm: 06. Semicut (final)

Cutting list: Brilliant grade of 1st diam: EX



# Compare report

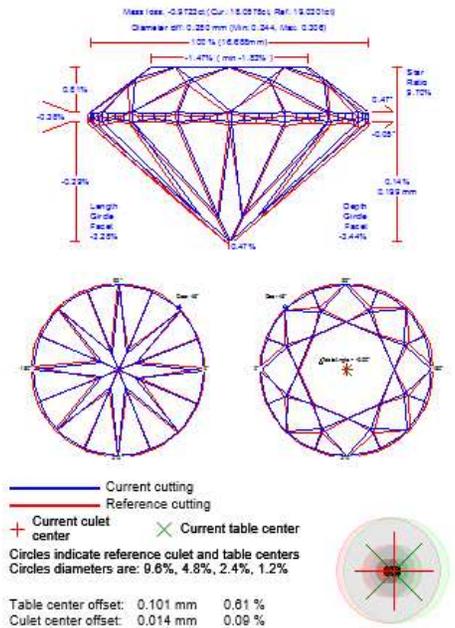
## COMPARATIVE REPORT FOR BRILLIANT

Polished Brilliant 11.9.2015  
 Current model: 110  
 Reference model: 13  
 Report type: Comparative (Reference - Current), Compare: Fixed Table

Expert name: N/A  
 ΔReal weight, ct: N/A  
 ΔCalculated weight: 0.98, 0.9723  
 ΔSpread: -0.10 ct, -0.32 %  
 ΔAGS Spread: -0.09 ct, -0.26 %

ΔRatio (L/W)	ΔMinimum Diameter	ΔMaximum Diameter	ΔTotal height
0.000	0.271 mm	0.278 mm	0.199 mm

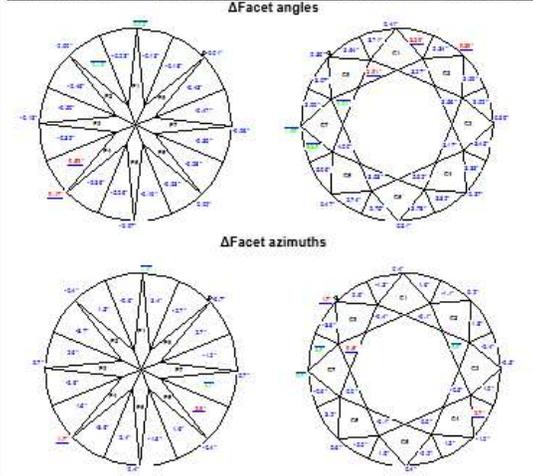
ΔCrown height	ΔPavilion depth	ΔTable	ΔCulet	ΔGirdle		
				Bezel	Bone	Valley
0.182 mm	0.071 mm	-0.092 mm	0.080 mm	-0.054 mm	-0.045 mm	-0.062 mm



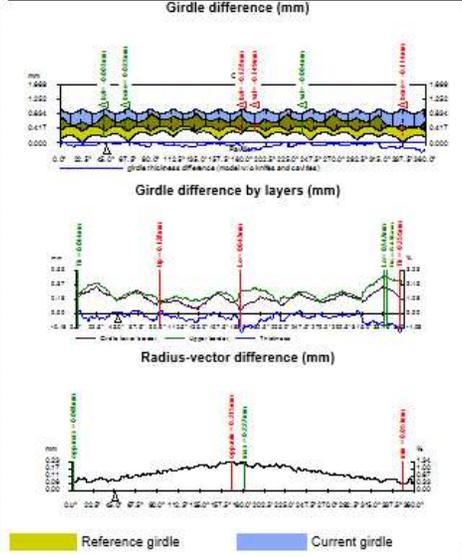
Parameter	Avg	Min	Max	Dev
ΔDiameter, mm	0.280	0.244	0.306	
ΔCrown angle, °	0.47	0.29	1.03	0.74
ΔPavilion angle, °	-0.05	-0.17	0.02	0.19
ΔTotal height, %	0.14			
ΔCrown height, %	0.81	0.65	1.28	0.64
ΔCrown height bone, %	1.53	0.96	2.44	1.48
ΔPavilion depth, %	-0.29	-0.76	0.07	0.84
ΔPavilion depth bone, %	-1.06	-1.56	-0.47	1.09
ΔTable, %	-1.47	-1.83	-1.19	0.64
ΔCulet, %	0.47	0.44	0.49	0.05
ΔGirdle Bezel, %	-0.38	-0.82	-0.08	0.74
ΔGirdle Bone, %	-0.33	-0.74	0.07	0.81
ΔGirdle Valley, %	-0.40	-0.91	-0.06	0.85
ΔStar:		8.10:	10.94:	
ΔUpper ratio, %	-9.70	-10.94	-8.10	2.84
ΔStar angle, °	3.36	2.91	4.01	1.11
ΔUpper girdle angle, °	3.39	2.28	5.23	2.95
ΔLength girdle facet, %	-3.28	-3.92	-1.40	2.63
ΔLower girdle angle / ΔHalves angle, °	-0.31	-0.53	-0.12	0.42
ΔCrown height, mm	0.182	0.154	0.262	0.108
ΔPavilion height, mm	0.071	-0.009	0.133	0.142
ΔTable, mm	-0.062	-0.153	-0.044	0.110
ΔCulet, mm	0.080	0.075	0.083	0.008
ΔGirdle Bezel, mm	-0.054	-0.128	-0.003	0.125

Measurement as per OctoNus theory:

	Avg	Min	Max	Dev	1	2	3	4
ΔCrown angle, °	0.47	0.34	0.81	0.47	0.81	0.34	0.36	0.38
ΔPavilion angle, °	-0.05	-0.10	0.01	0.11	-0.10	-0.09	-0.02	0.01

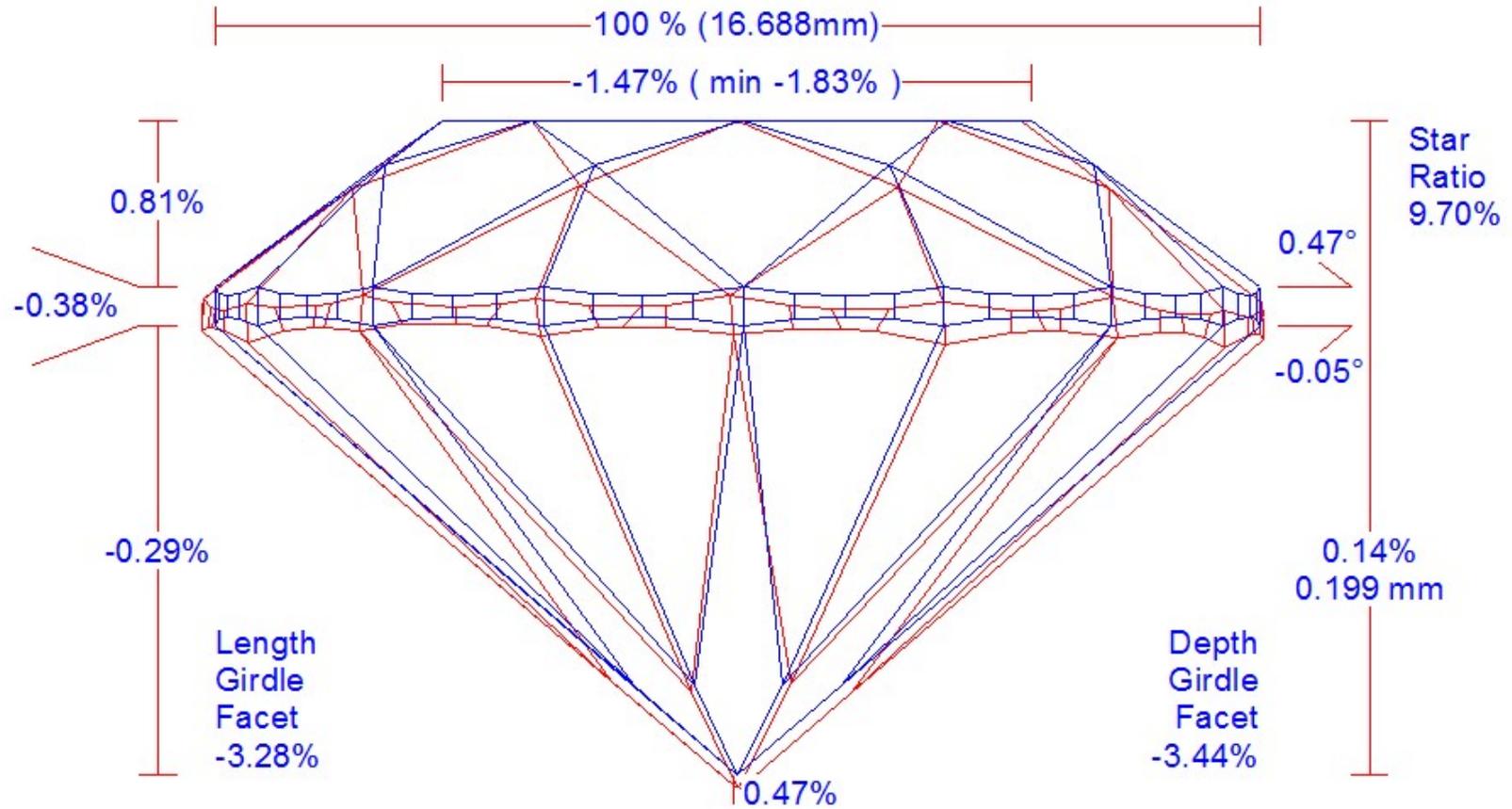


1	2	3	4	5	6	7	8
0.275	0.284	0.277	0.289				
1.03	0.30	0.41	0.29	0.59	0.37	0.31	0.47
-0.06	-0.01	0.02	0.00	-0.13	-0.17	-0.07	0.02
1.28	0.76	0.66	0.67	0.88	0.65	0.66	0.93
1.99	1.30	0.96	1.38	1.47	1.32	1.36	2.44
-0.78	-0.54	-0.25	0.07	0.07	-0.16	-0.32	-0.44
-1.50	-1.23	-0.47	-0.99	-0.75	-1.02	-0.94	-1.56
-1.83	-1.40	-1.19	-1.48				
-0.38	-0.08	-0.28	-0.60	-0.82	-0.34	-0.20	-0.35
-0.35	0.07	-0.35	-0.24	-0.58	-0.16	-0.29	-0.74
-0.40	-0.42	-0.18	-0.35	-0.18	-0.57	-0.19	-0.42
-0.91	-0.39	-0.06	-0.32	-0.33	-0.17	-0.62	-0.90
8.47:	10.94:	9.21:	10.94:	8.10:	10.31:	8.70:	10.94:
-8.47	-10.94	-8.21	-10.94	-8.10	-10.31	-8.70	-10.94
4.01	2.91	3.27	3.56	3.17	2.92	3.03	4.00
3.00	3.07	3.64	3.71	2.28	2.34	3.09	3.02
3.45	3.33	3.82	3.78	2.75	2.74	5.06	5.23
-1.40	-1.40	-3.91	-3.91	-1.42	-1.42	-3.92	-3.92
-3.92	-3.92	-3.91	-3.91	-3.90	-3.90	-3.89	-3.89
-0.47	-0.43	-0.18	-0.13	-0.23	-0.12	-0.46	-0.50
-0.32	-0.53	-0.36	-0.26	-0.19	-0.23	-0.28	-0.30
0.262	0.173	0.157	0.158	0.194	0.154	0.156	0.202
-0.009	0.029	0.079	0.133	0.133	0.093	0.086	0.046
-0.153	-0.079	-0.044	-0.062				
-0.053	-0.003	-0.036	-0.091	-0.128	-0.046	-0.023	-0.049

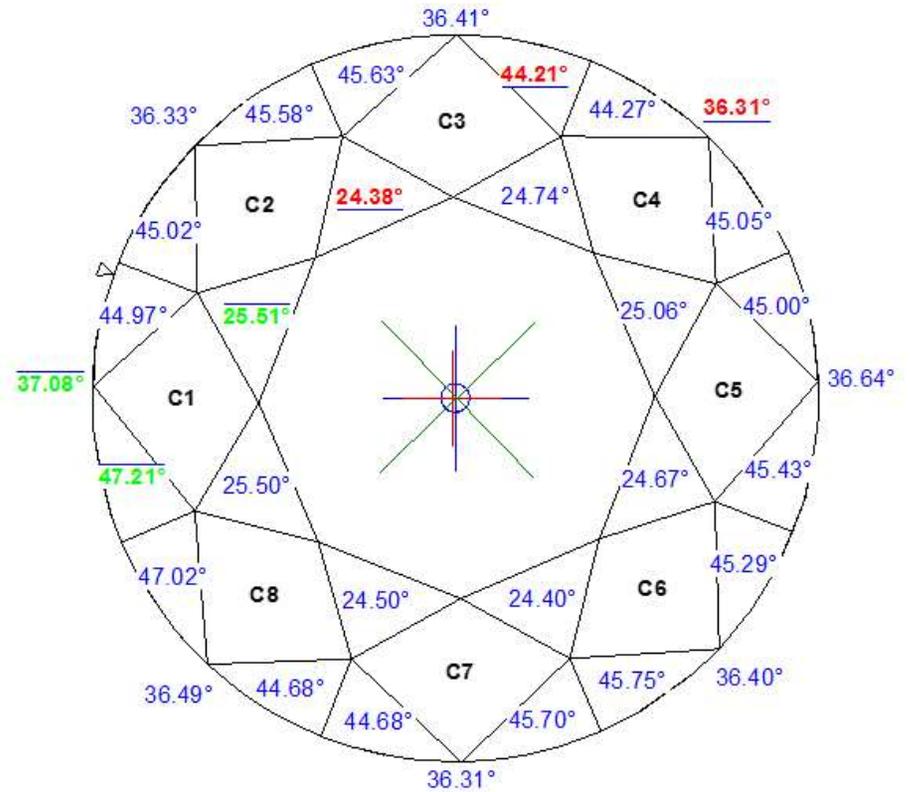
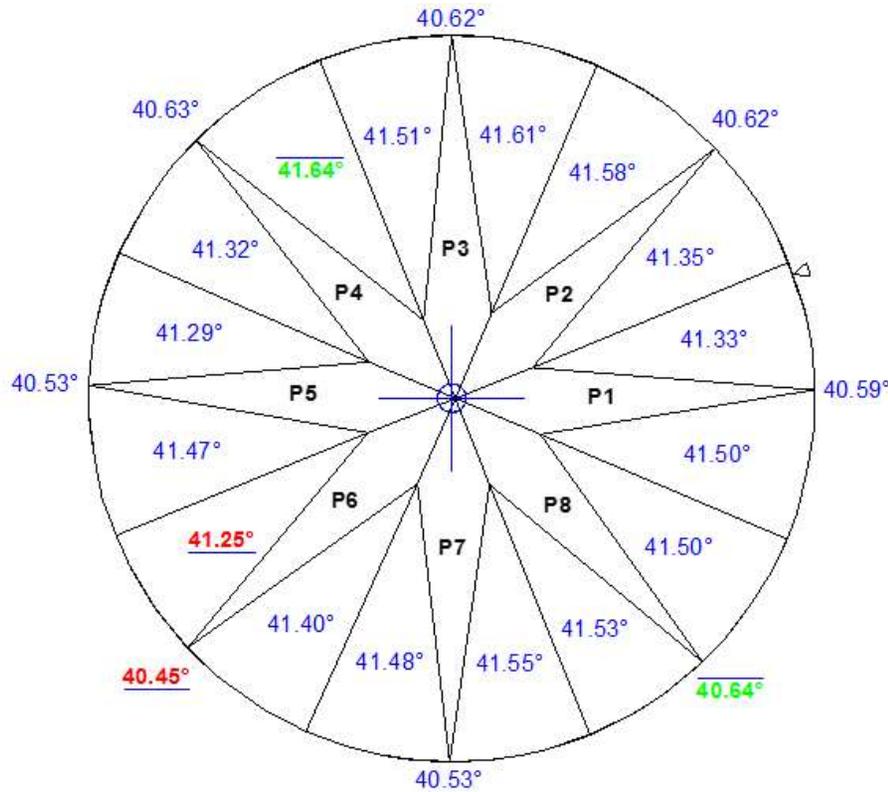


Mass loss: -0.9723ct (Cur: 18.0578ct, Ref: 19.0301ct)

Diameter diff: 0.280 mm (Min: 0.244, Max: 0.306)



# Re-Imagineering Solution of 19.03 Ct



 Girdle center  
  Culet center  
  Table center  
  Girdle center mass