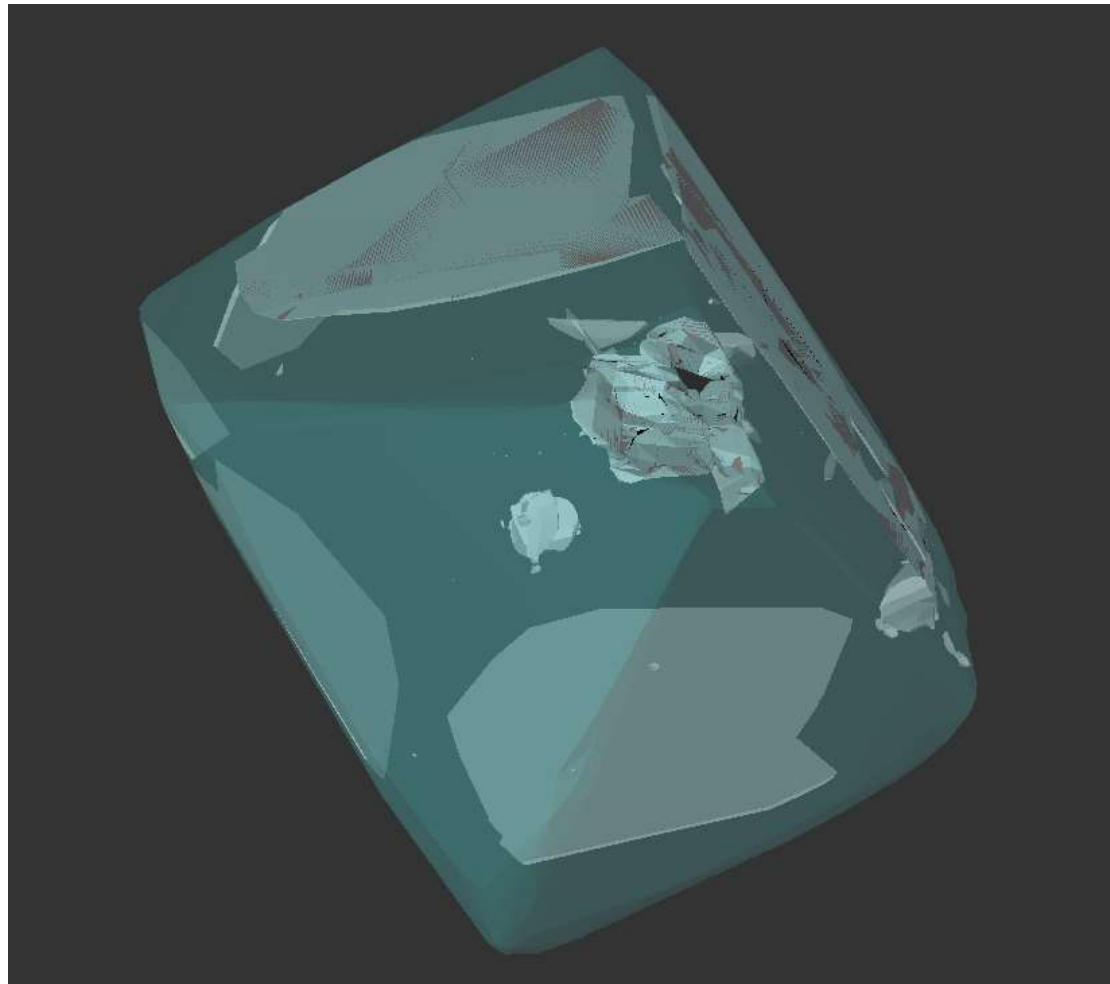


Re-Imagineering Diamonds:
Medium size Rough

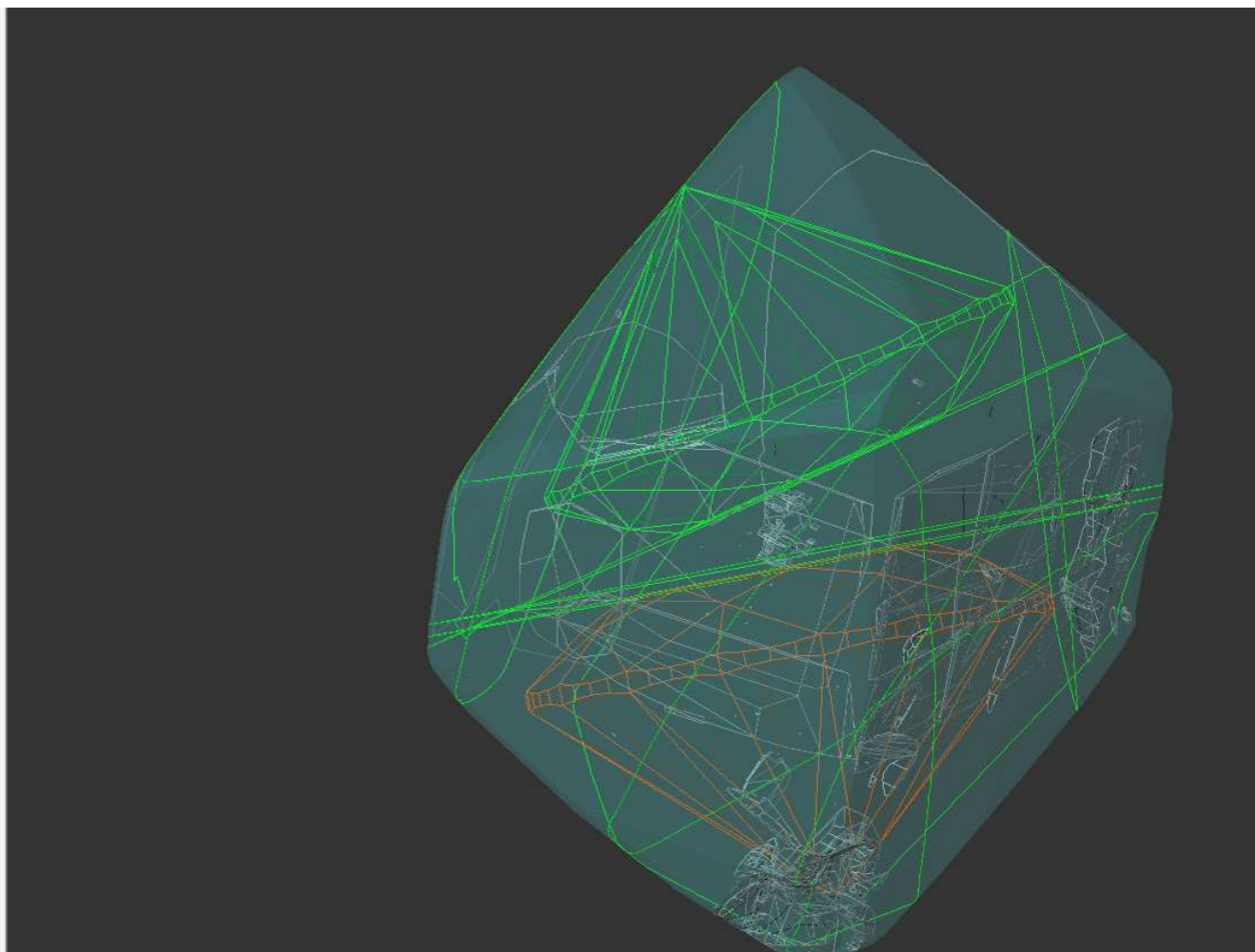
5.37 Ct

Image with Inclusion



Standard Plan – 2.32 Ct (1.25 + 1.07) - \$ 19407

- Model 1 5.37 ct
 - Scan
 - Inclusions
 - Solutions
 - Loaded solutions
 - # 1 BB 1: 2.32 ct, \$19407
 - B-EX-2 1: 1.25 ct (9506\$), G VS1
 - B-EX-1 1: 1.07 ct (9901\$), G VVS1
 - Layer 1 1
 - Plane 2 1
 - Plane 3 1
 - Plane 4 1
 - Plane 5 1
 - Plane 6 1
 - Plane 7 1
 - Plane 8 1
 - Plane 9 1



Re-Imagineering 1st part - 1.3189 Ct - \$ 9979

Plans & Scans

#	Price	Cutting	Mass	Yield	Clarity	Co	Gr	Cut	Sym
Active scan			2.4942						
16	9979\$	Brilliant	1.3220	52.92%	VS1	H	EX	EX	EX
9	9979\$	Brilliant	1.3189	52.92%	VS1	H	EX	EX	EX
10	9979\$	Brilliant	1.3189	52.92%	VS1	H	EX	EX	EX
8	9979\$	Brilliant	1.3188	52.92%	VS1	H	EX	EX	EX

Solution

9 cutting: Brilliant Mass: 1.3189 ct
 Price: 9 979 \$ Clarity: VS1
 Discount: -10.00 % Color: H
 PPC: 7560 \$/ct Grade: EX

Inclusions

Auto Hole	Color	Grade
Auto Hole-1-sub0	●	I1
Auto Hole-1-sub1	●	I1
Auto Hole-1-sub2	●	I1
Auto Hole-1-sub3	●	I1
Auto Hole-1-sub4	●	I1
Auto Hole-2-sub0	●	I1
Auto Hole-2-sub1	●	I1
Auto Hole-2-sub2	●	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 grade of 1st diam:
 Brilliant EX
 Brilliant

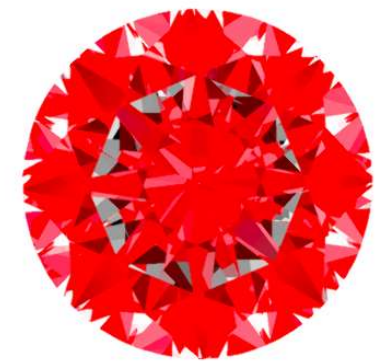
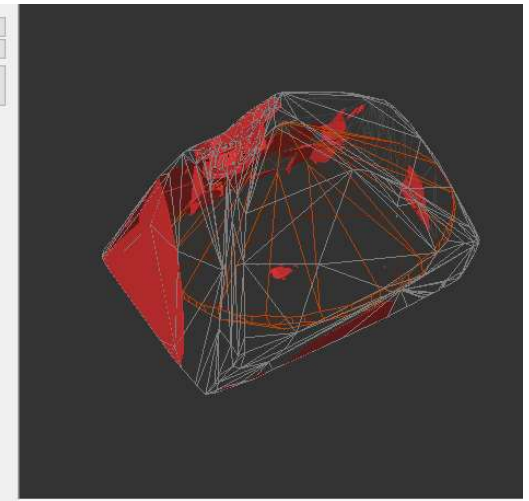
Choose polish quality: EX

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)	-	-	-	1.3189	-	-	-	-
Diameter (mm)	6.99	7.02	0.03	7.00	-	-	EX	-
Table Size (%)	62.0	62.7	0.7	62.3	62	-	EX	-
Crown Angle (°)	32.90	33.80	0.90	33.31	33.5	-	EX	-
Pavilion Angle (°)	41.60	42.20	0.60	41.89	41.8	EX	EX	-
Star Length (%)	49.8	52.7	2.9	51.6	50	-	EX	-
Lower Half (%)	73.2	74.8	1.6	73.4	75	-	EX	-
Girdle Bezel Thickness (%)	4.43	4.86	0.43	4.63	4.5	-	EX	-
Star Angle (°)	17.7	19.2	1.5	18.5	18.5	-	EX	-
Upper Angle (°)	42.5	44.5	2.0	43.2	43.2	-	EX	-
Lower Angle (°)	42.9	43.9	1.0	43.3	43.3	-	EX	-
Girdle Valley Minimum (%) *	-	-	-	1.89	MED	EX	-	-
Girdle Valley Maximum (%) *	-	-	-	2.73	STK	EX	-	-
Culet Size (%) *	-	-	-	0.11	NON	EX	-	-
Crown Height (%)	12.04	12.90	0.86	12.40	12.5	-	EX	-
Pavilion Depth (%)	44.36	45.24	0.89	44.80	45.0	-	EX	-
Total Depth (%)	-	-	-	61.83	61.8	-	-	-
Table offset (%)	-	-	-	0.214	-	-	EX	-
Culet offset (%)	-	-	-	0.386	-	-	EX	-
Table-Culet (%)	-	-	-	0.600	-	-	EX	-
Crown Painting (°)	-3.04	-1.96	1.08	-2.40	-2.4	EX	-	-
Pavilion Painting (°)	-1.06	-0.04	1.02	-0.54	-0.5	EX	-	-
Sum Painting (°)	-	-	-	-2.94	-2.9	EX	-	-
Junction Twist (°)	-1.01	1.01	-	-	-	-	-	-
Twist (°)	0.19	1.00	-	-	-	-	-	-
Radius roundness by OctoNus								
for window size 15°:				0.35	-	-	EX	-
for window size 30°:				0.37	-	-	EX	-
for window size 45°:				0.38	-	-	EX	EX
for window size 90°:				0.38	-	-	EX	-
Table edge (%)	23.25	24.25	1.00	23.84	-	-	-	-
Virtual table edge (%)	23.25	24.25	1.00	23.84	-	-	-	-
Table edge junction (%)	0.00	0.00	0.00	0.00	-	-	-	-
Table angle (°)	134.7	135.7	1.0	135.0	-	-	-	-
Bezel width (%)	29.94	30.94	1.00	30.44	-	-	-	-

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

Report generated successfully



Re-Imagineering Plan 2nd part - 1.122 Ct - \$ 10364

Plans & Scans

#	Price	Cutting	Mass	Yield	Clarity	Co	Gr	Cut	Syrr
Active scan			2.0418						
6	10457\$	Brilliant	1.1348	55.34%	VVS1	H	EX	EX	EX
10	10364\$	Brilliant	1.1224	54.85%	VVS1	H	EX	EX	EX
13	10364\$	Brilliant	1.1222	54.85%	VVS1	H	EX	EX	EX
7	10364\$	Brilliant	1.1185	54.85%	VVS1	H	EX	EX	EX

Solution

13	cutting: Brilliant	Mass: 1.1222 ct
	Price: 10 364 \$	Clarity: VVS1
	Discount: -10.00 %	Color: H
	PPC: 9254 \$/ct	Grade: EX

Inclusions

Point-58	SI1
Point-60x20	VVS1
Point-61x20	VVS1
Point-62x20	VVS1
Point-64x20	VVS1
Point-65x20	VVS1
Point-66x20	VVS1
Point-75	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)

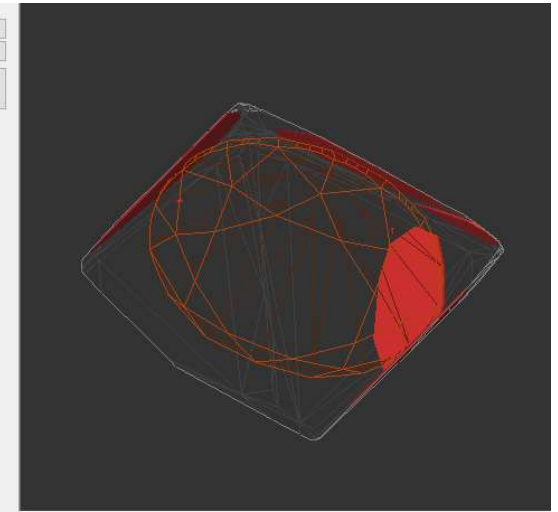
Cutting list: Brilliant

grade of 1st diam: EX

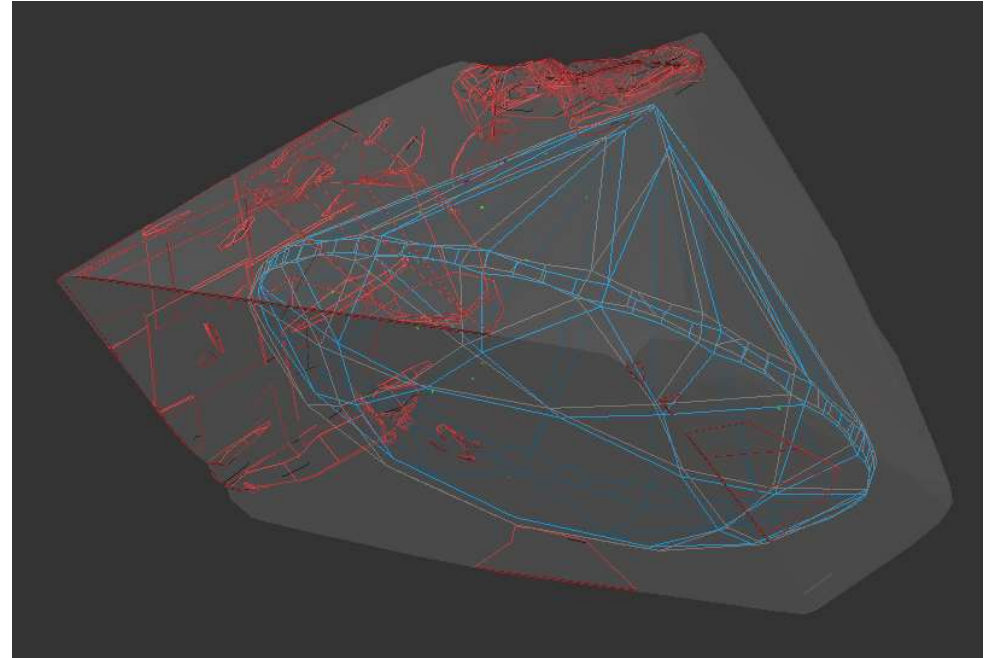
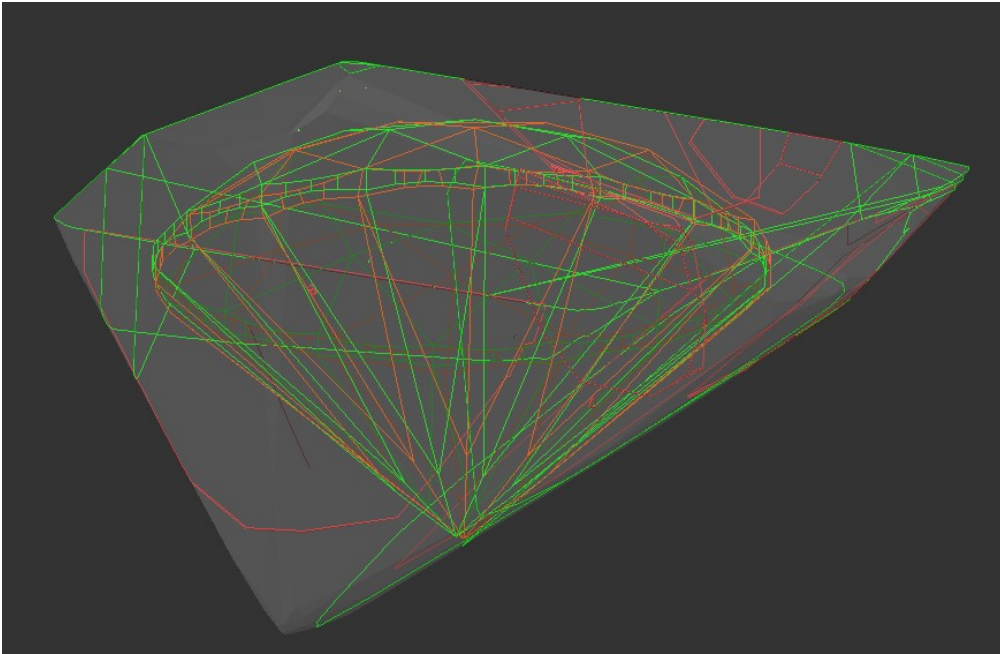
Choose polish quality: EX

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

Parameters	Min	Measured value	Max	Dev	Avg	Rounded value	Estimated Cut Grade	Estimated Symmetry Grade	Estimated Polish Grade
Shape	-	-	-	-	Brilliant	-	-	-	-
Estimated Weight (Ct)	-	-	-	-	1.1222	-	-	-	-
Diameter (mm)	6.59	6.61	0.02	6.60	-	-	-	EX	-
Table Size (%)	61.7	62.7	1.0	62.3	62	-	-	EX	-
Crown Angle (°)	34.70	35.70	1.00	35.18	35.0	-	-	EX	-
Pavilion Angle (°)	41.00	41.70	0.70	41.29	41.2	EX	-	EX	-
Star Length (%)	53.7	58.1	4.4	56.6	55	-	-	EX	-
Lower Half (%)	72.4	75.0	2.6	73.4	75	-	-	EX	-
Girdle Bezel Thickness (%)	4.23	5.07	0.85	4.60	4.5	-	-	EX	-
Star Angle (°)	19.9	22.7	2.8	21.0	21.0	-	-	EX	-
Upper Angle (°)	44.8	47.8	3.0	46.6	46.6	-	-	EX	-
Lower Angle (°)	41.8	43.1	1.3	42.4	42.4	-	-	EX	-
Girdle Valley Minimum (%) *	-	-	-	1.97	MED	EX	-	-	-
Girdle Valley Maximum (%) *	-	-	-	2.67	STK	EX	-	-	-
Culet Size (%) *	-	-	-	0.48	NON	EX	-	-	-
Crown Height (%)	12.66	13.59	0.92	13.30	13.5	-	-	EX	-
Pavilion Depth (%)	43.31	43.90	0.59	43.71	43.5	-	-	EX	-
Total Depth (%)	-	-	-	61.62	61.6	-	-	-	-
Table offset (%)	-	-	-	0.273	-	-	-	EX	-
Culet offset (%)	-	-	-	0.485	-	-	-	EX	-
Table-Culet (%)	-	-	-	0.682	-	-	-	EX	-
Crown Painting (°)	-3.39	-1.35	2.04	-2.50	-2.5	EX	-	-	-
Pavilion Painting (°)	0.38	2.40	2.02	1.43	1.4	EX	-	-	-
Sum Painting (°)	-	-	-	-1.07	-1.1	EX	-	-	-
Junction Twist (°)	-1.00	1.01	-	-	-	-	-	-	-
Twist (°)	0.00	1.00	-	-	-	-	-	-	-
Radius roundness by OctoNus	for window size 15%:	0.35	-	-	-	-	-	EX	-
	for window size 30%:	0.35	-	-	-	-	-	EX	-
	for window size 45%:	0.38	-	-	-	-	-	EX	EX
	for window size 90%:	0.38	-	-	-	-	-	EX	-
Table edge (%)	23.31	24.30	1.00	23.82	-	-	-	-	-
Virtual table edge (%)	23.31	24.30	1.00	23.82	-	-	-	-	-
Table edge junction (%)	0.00	0.00	0.00	0.00	-	-	-	-	-
Table angle (°)	134.6	135.6	1.0	135.0	-	-	-	-	-
Bezel width (%)	30.62	31.62	1.00	31.23	-	-	-	-	-
Estimated Intermediate GIA Cut Grade:							EX	EX	EX
Estimated Final GIA Cut Grade:								EX	



Gain – Weight of 0.12 Ct / Value of \$ 936 (4.8%)



Compare report – 1.25 with 1.32

COMPARATIVE REPORT FOR BRILLIANT

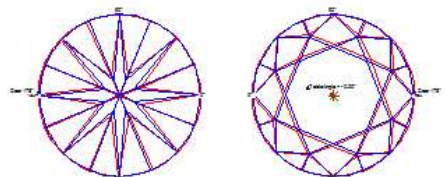
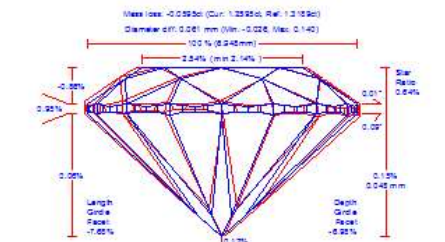
Polished Brilliant 11.9.2015

Current model: 1
Reference model: 0
Report type: Comparative (Reference - Current), Compare: Fixed Table

Expert name: N/A
ΔReal weight, ct: N/A
ΔCalculated weight: 0.06, 0.0595
ΔSpread: -0.03 ct, -2.09 %
ΔAGS Spread: -0.03 ct, -2.07 %

ΔRatio (L/W)	ΔMinimum Diameter	ΔMaximum Diameter	ΔTotal height
-0.017	0.115 mm	-0.002 mm	0.048 mm

ΔCrown height	ΔPavilion depth	ΔTable	ΔCulet	ΔGirdle		
				Bezel	Bone	Valley
-0.052 mm	0.031 mm	0.214 mm	0.008 mm	0.069 mm	-0.010 mm	0.022 mm



— Current cutting
— Reference cutting
+ Current culet center
x Current table center

Circles indicate reference culet and table centers
Circles diameters are: 9.6%, 4.8%, 2.4%, 1.2%

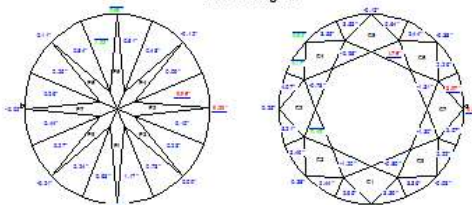
Table center offset: 0.023 mm 0.34 %
Culet center offset: 0.019 mm 0.28 %

Parameter	Avg	Min	Max	Dev
ΔDiameter, mm	0.061	-0.026	0.140	
ΔCrown angle, °	0.01	-0.65	0.52	1.16
ΔPavilion angle, °	0.09	-0.33	0.68	1.01
ΔTotal height, %	0.15			
ΔCrown height, %	-0.86	-1.23	-0.35	0.87
ΔCrown height bone, %	0.03	-0.54	1.03	1.57
ΔPavilion depth, %	0.06	-0.38	0.50	0.88
ΔPavilion depth bone, %	0.30	-0.45	1.18	1.63
ΔTable, %	2.54	2.14	2.90	0.76
ΔCulet, %	0.12	0.11	0.12	0.01
ΔGirdle Bezel, %	0.95	0.74	1.19	0.45
ΔGirdle Bone, %	-0.18	-0.49	0.14	0.63
ΔGirdle Valley, %	0.29	-0.16	0.66	0.82
ΔStar:		-1.18:	1.77:	
ΔUpper ratio, %	-0.64	-1.77	1.16	2.93
ΔStar angle, °	-1.09	-1.76	-0.46	1.29
ΔUpper girdle angle, °	2.97	2.07	4.17	2.10
ΔLength girdle facet, %	-7.68	-7.90	-6.23	1.67
ΔLower girdle angle / ΔHalves angle, °	0.49	-0.06	1.33	1.40
ΔCrown height, mm	-0.052	-0.078	-0.017	0.061
ΔPavilion height, mm	0.031	0.001	0.062	0.062
ΔTable, mm	0.214	0.187	0.239	0.053
ΔCulet, mm	0.008	0.008	0.009	0.001
ΔGirdle Bezel, mm	0.069	0.054	0.085	0.032

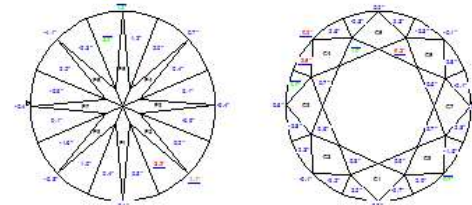
Measurement as per OctoNus theory:

	Avg	Min	Max	Dev	1	2	3	4
ΔCrown angle, °	0.01	-0.20	0.24	0.44	-0.20	0.24	0.01	0.06
ΔPavilion angle, °	0.09	-0.17	0.62	0.80	-0.17	-0.16	0.62	0.05

ΔFacet angles

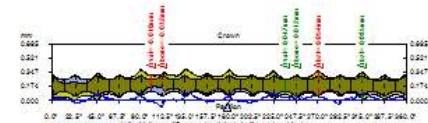


ΔFacet azimuths

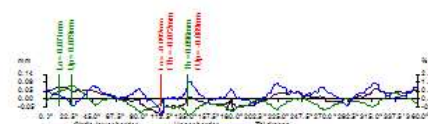


1	2	3	4	5	6	7	8
0.127	0.061	-0.014	0.063				
0.25	0.52	-0.12	-0.38	-0.65	-0.03	0.15	0.38
-0.33	-0.12	0.68	0.11	-0.02	-0.21	0.66	0.00
-0.35	-0.56	-1.14	-1.23	-1.11	-0.85	-0.92	-0.71
1.03	0.01	-0.54	-0.39	-0.19	0.08	-0.16	0.40
-0.37	-0.38	0.50	0.40	0.49	-0.17	0.34	-0.33
-0.45	0.14	1.18	0.62	0.64	-0.07	0.58	-0.27
2.82	2.31	2.14	2.90				
0.88	1.09	0.79	0.98	0.77	1.17	0.74	1.19
-0.43	0.00	-0.49	-0.08	-0.30	0.14	-0.27	0.02
0.37	0.02	0.37	0.27	-0.16	0.14	0.51	0.15
-0.06	0.35	0.65	0.53	0.15	0.50	0.45	0.40
-1.10:	1.77:	0.34:	0.55:	1.21:	1.77:	-1.16:	1.77:
1.10:	-1.77:	-0.34:	-0.55:	-1.21:	-1.77:	1.16:	-1.77:
-0.78	-0.98	-1.76	-1.31	-1.30	-0.89	-1.20	-0.48
4.07	4.17	3.55	3.53	2.64	2.44	2.26	2.07
2.07	2.22	3.36	3.39	2.65	2.44	3.46	3.21
-7.88	-7.88	-7.89	-7.89	-8.23	-8.23	-7.60	-7.90
-7.90	-7.90	-7.89	-7.89	-7.88	-7.88	-7.88	-7.88
-0.05	0.05	0.43	0.81	1.33	0.84	0.25	0.26
0.44	0.29	0.24	0.63	1.17	0.73	0.23	0.10
-0.017	-0.031	-0.072	-0.078	-0.070	-0.051	-0.057	-0.042
0.001	0.001	0.062	0.055	0.062	0.015	0.051	0.004
0.234	0.198	0.187	0.239				
0.064	0.079	0.058	0.071	0.056	0.084	0.054	0.085

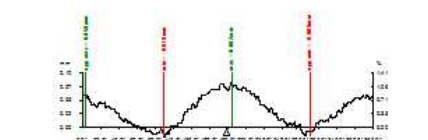
Girdle difference (mm)



Girdle difference by layers (mm)



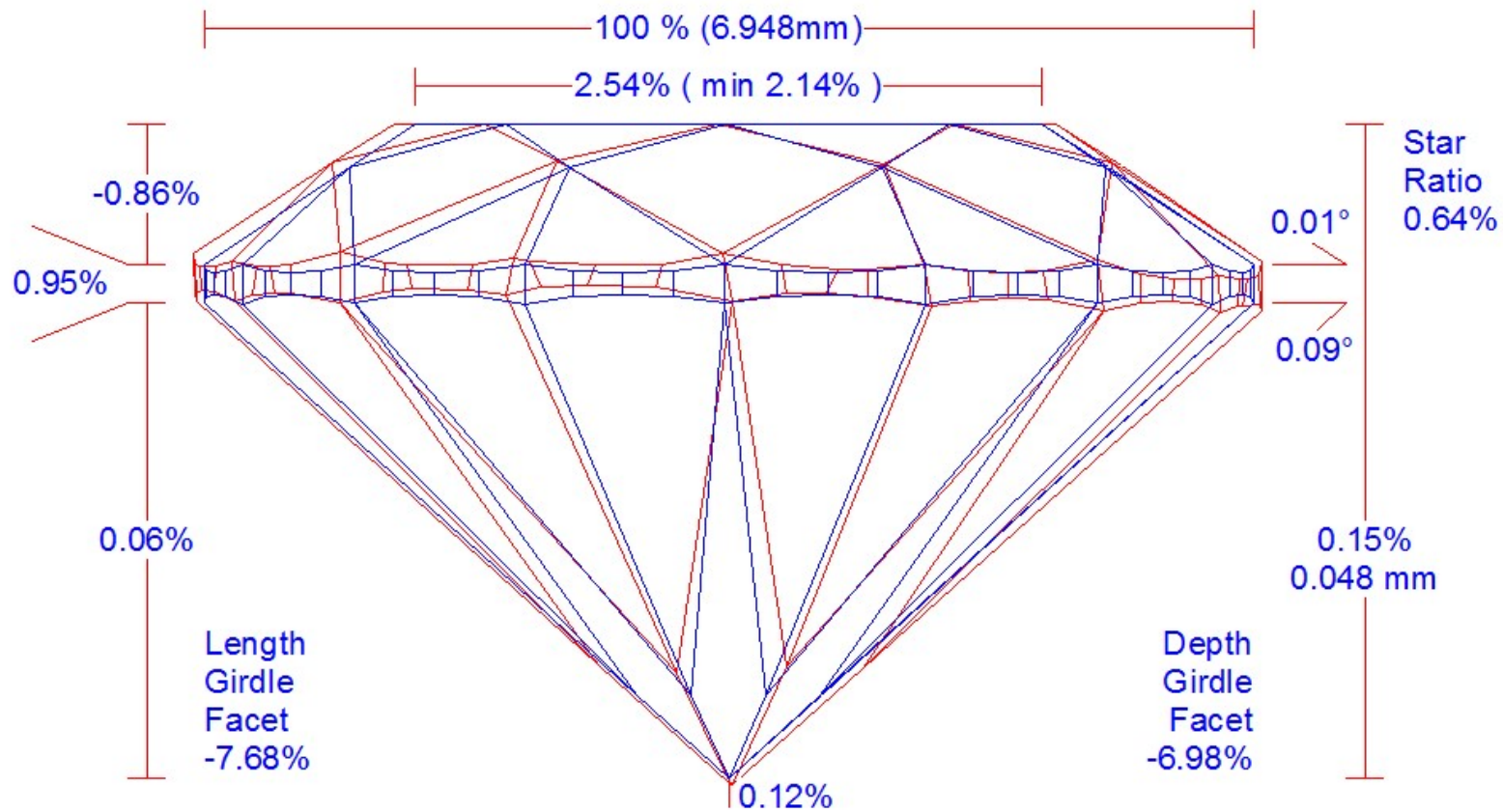
Radius-vector difference (mm)



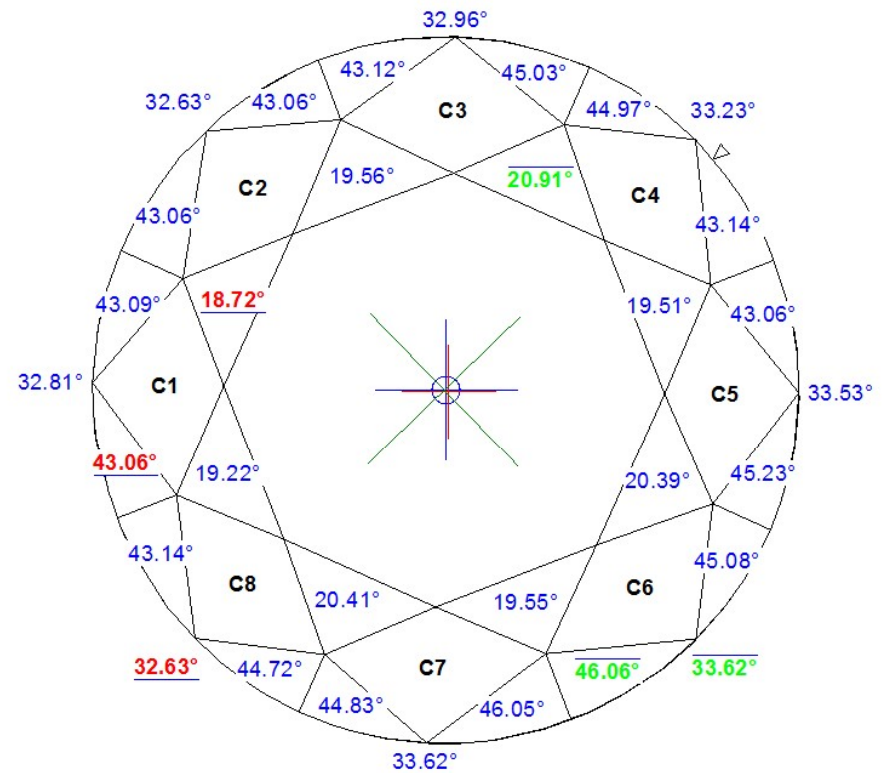
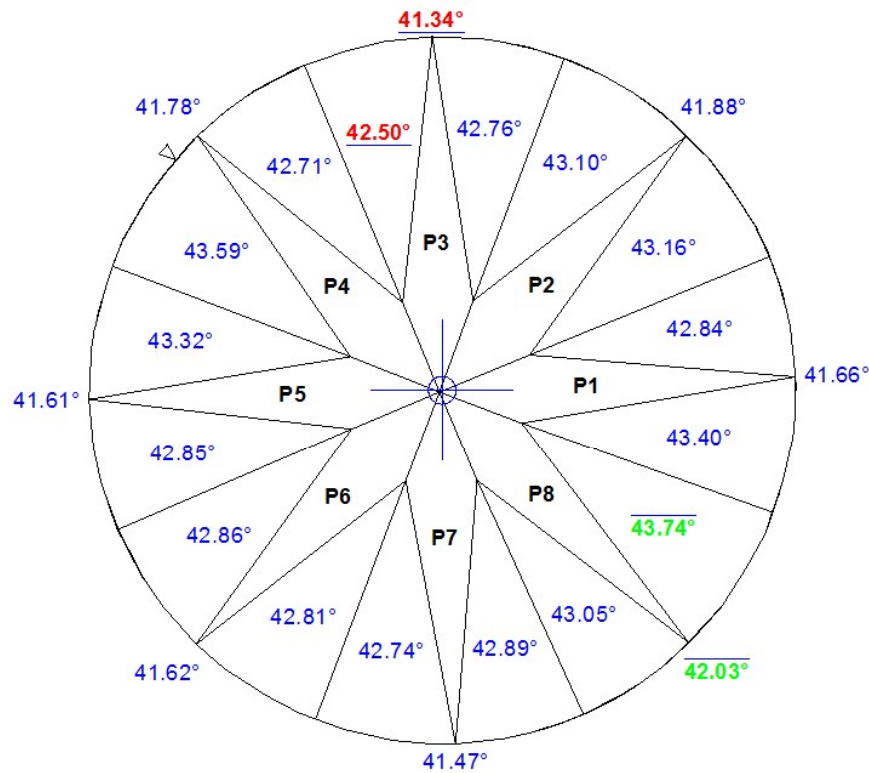
Reference girdle (Yellow line)
Current girdle (Blue line)

Mass loss: -0.0595ct (Cur: 1.2595ct, Ref: 1.3189ct)

Diameter diff: 0.061 mm (Min: -0.026, Max: 0.140)



Re-Imagineering Solution of 1.3189 Ct



⊕ Girdle center
 + Culet center
 × Table center
 ⊕ Girdle center mass

Compare report – 1.07 with 1.12

COMPARATIVE REPORT FOR BRILLIANT

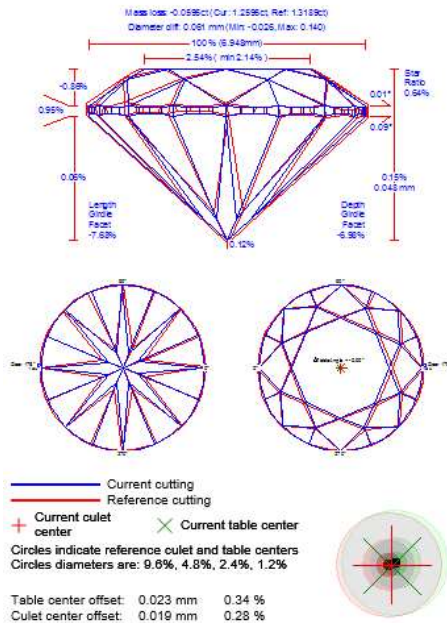
Polished Brilliant 11.9.2015

Current model: 1
Reference model: 9
Report type: Comparative (Reference - Current), Compare: Fixed Table

Expert name: N/A
 ΔReal weight, ct: N/A
 ΔCalculated weight: 0.06, 0.0595
 ΔSpread: -0.03 ct, -2.09 %
 ΔAGS Spread: -0.03 ct, -2.07 %

ΔRatio (L/W)	ΔMinimum Diameter	ΔMaximum Diameter	ΔTotal height
-0.017	0.115 mm	-0.002 mm	0.048 mm

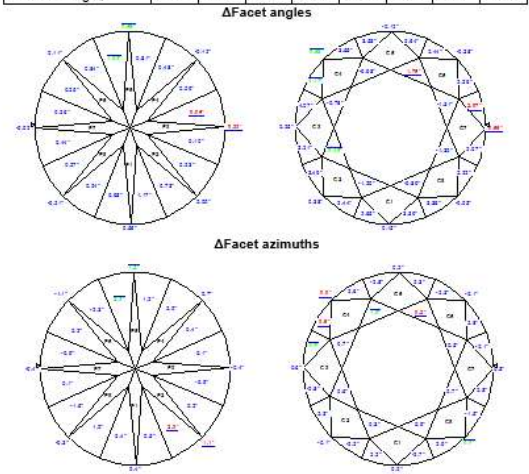
ΔCrown height	ΔPavilion depth	ΔTable	ΔCulet	ΔGirdle		
				Bezel	Bone	Valley
-0.052 mm	0.031 mm	0.214 mm	0.008 mm	0.069 mm	-0.010 mm	0.022 mm



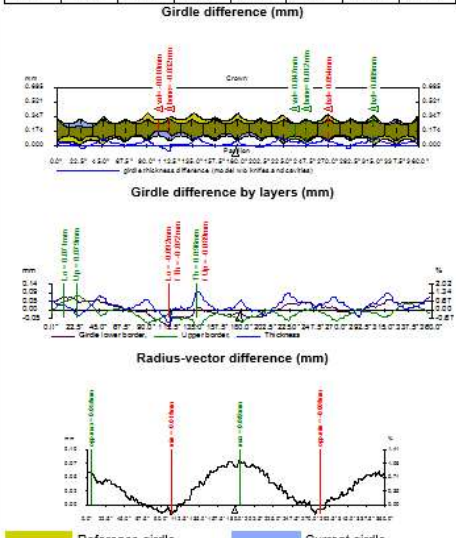
Parameter	Avg	Min	Max	Dev
ΔDiameter, mm	0.061	-0.026	0.140	
ΔCrown angle, °	0.01	-0.65	0.52	1.16
ΔPavilion angle, °	0.09	-0.33	0.88	1.01
ΔTotal height, %	0.15			
ΔCrown height, %	-0.86	-1.23	-0.35	0.87
ΔCrown height bone, %	0.03	-0.54	1.03	1.67
ΔPavilion depth, %	0.06	-0.38	0.50	0.88
ΔPavilion depth bone, %	0.30	-0.45	1.18	1.63
ΔTable, %	2.54	2.14	2.90	0.76
ΔCulet, %	0.12	0.11	0.12	0.01
ΔGirdle Bezel, %	0.95	0.74	1.19	0.45
ΔGirdle Bone, %	-0.18	-0.49	0.14	0.63
ΔGirdle Valley, %	0.29	-0.16	0.66	0.82
ΔStar:				
ΔUpper ratio, %	-0.64	-1.16	1.77	2.93
ΔStar angle, °	-1.09	-1.76	-0.48	1.29
ΔUpper girdle angle, °	2.97	2.07	4.17	2.10
ΔLength girdle facet, %	-7.68	-7.90	-6.23	1.67
ΔLower girdle angle / ΔHalves angle, °	0.49	-0.06	1.33	1.40
ΔCrown height, mm	-0.052	-0.078	-0.017	0.061
ΔPavilion height, mm	0.031	0.001	0.062	0.062
ΔTable, mm	0.214	0.187	0.239	0.053
ΔCulet, mm	0.008	0.008	0.009	0.001
ΔGirdle Bezel, mm	0.069	0.054	0.085	0.032

Measurement as per OctoNus theory:

	Avg	Min	Max	Dev	1	2	3	4
ΔCrown angle, °	0.01	-0.20	0.24	0.44	-0.20	0.24	0.01	0.00
ΔPavilion angle, °	0.09	-0.17	0.62	0.80	-0.17	-0.16	0.62	0.05

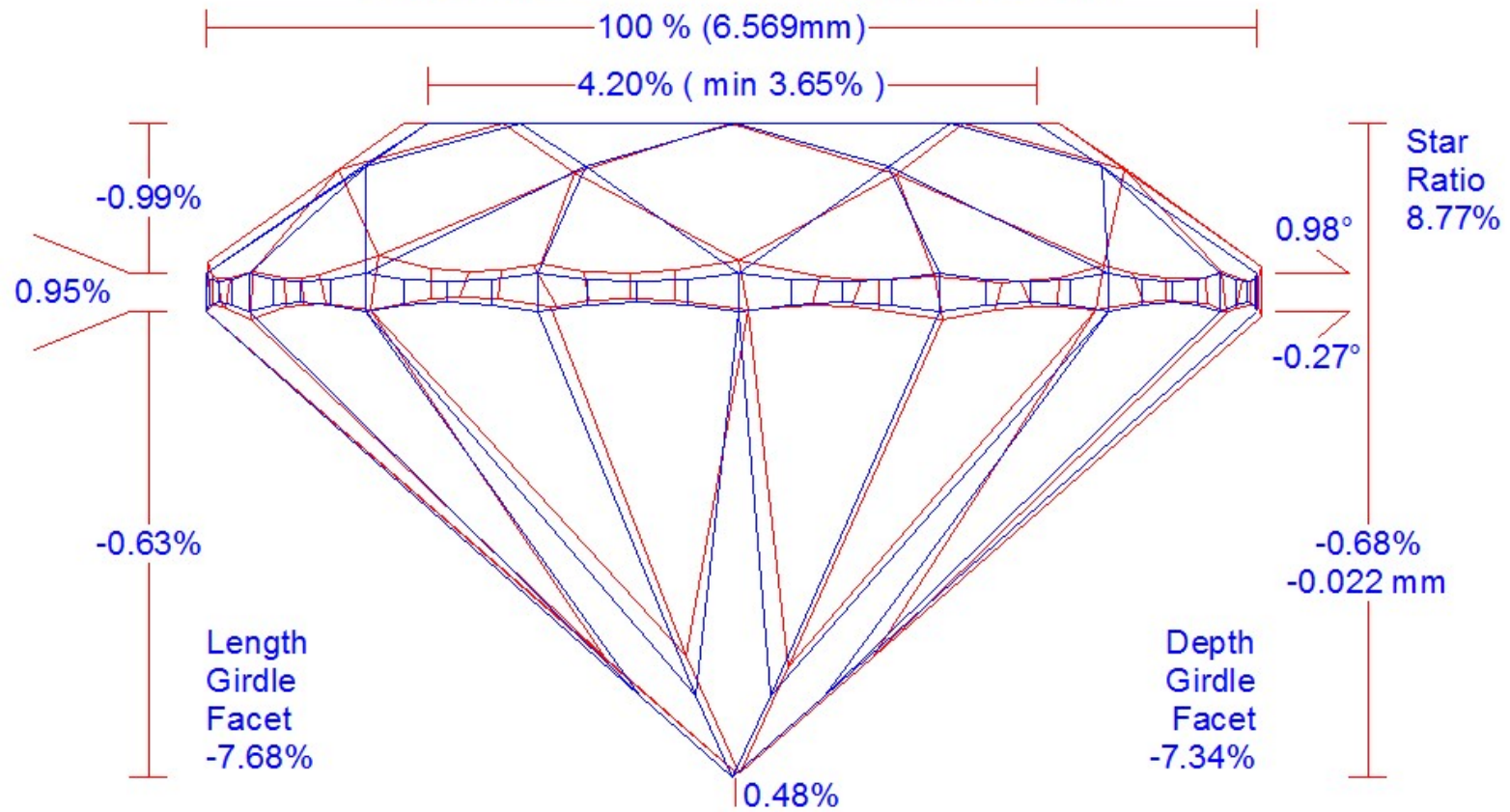


	1	2	3	4	5	6	7	8
0.127	0.061	-0.014	0.063					
0.25	0.52	-0.12	-0.38	-0.65	-0.03	0.15	0.38	
-0.33	-0.12	0.68	0.11	-0.02	-0.21	0.56	0.00	
-0.35	-0.56	-1.14	-1.23	-1.11	-0.85	-0.92	-0.71	
1.03	0.01	-0.54	-0.39	-0.19	0.08	-0.16	0.40	
-0.37	-0.38	0.50	0.40	0.49	-0.17	0.34	-0.33	
-0.45	0.14	1.18	0.62	0.64	-0.07	0.58	-0.27	
2.82	2.31	2.14	2.90					
0.88	1.09	0.79	0.98	0.77	1.17	0.74	1.19	
-0.43	0.00	-0.49	-0.08	-0.30	0.14	-0.27	0.02	
0.37	0.02	0.37	0.27	-0.16	0.14	0.51	0.15	
-0.08	0.35	0.66	0.53	0.15	0.60	0.45	0.40	
-1.10:	1.77:	0.34:	0.55:	1.21:	1.77:	-1.16:	1.77:	
1.10	-1.77	-0.34	-0.55	-1.21	-1.77	1.16	-1.77	
-0.78	-0.98	-1.76	-1.31	-1.30	-0.89	-1.20	-0.48	
4.07	4.17	3.55	3.53	2.64	2.44	2.26	2.07	
2.07	2.22	3.36	3.39	2.65	2.44	3.49	3.21	
-7.88	-7.88	-7.89	-7.89	-6.23	-6.23	-7.90	-7.90	
-7.90	-7.90	-7.89	-7.89	-7.88	-7.88	-7.88	-7.88	
-0.08	0.09	0.48	0.81	1.33	0.84	0.25	0.26	
0.44	0.27	0.24	0.63	1.17	0.73	0.23	0.10	
-0.017	-0.031	-0.072	-0.078	-0.070	-0.051	-0.057	-0.042	
0.001	0.001	0.062	0.055	0.062	0.015	0.051	0.004	
0.234	0.198	0.187	0.239					
0.064	0.079	0.058	0.071	0.056	0.084	0.054	0.085	

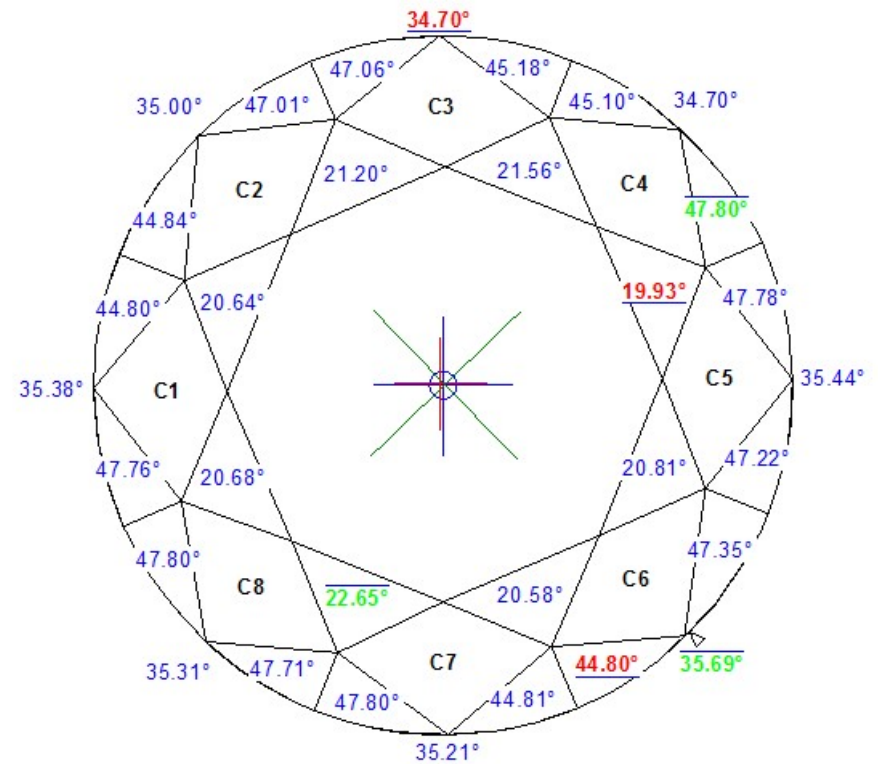
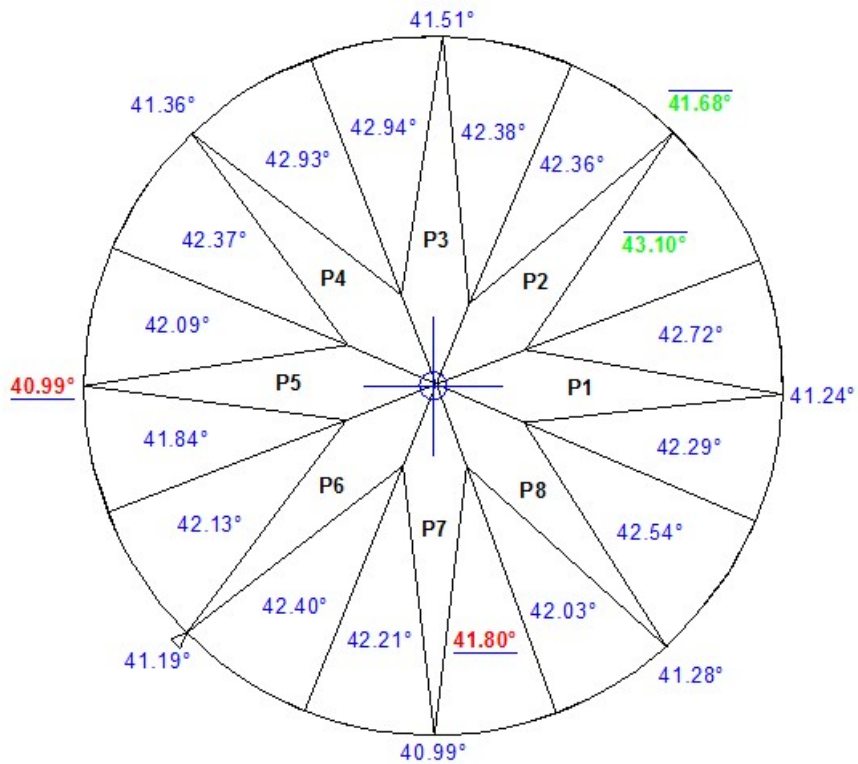


Mass loss: -0.0442ct (Cur: 1.0779ct, Ref: 1.1222ct)

Diameter diff: 0.037 mm (Min: 0.012, Max: 0.057)



Re-Imagineering Solution of 1.1222 Ct



-  Girdle center
-  Culet center
-  Table center
-  Girdle center mass