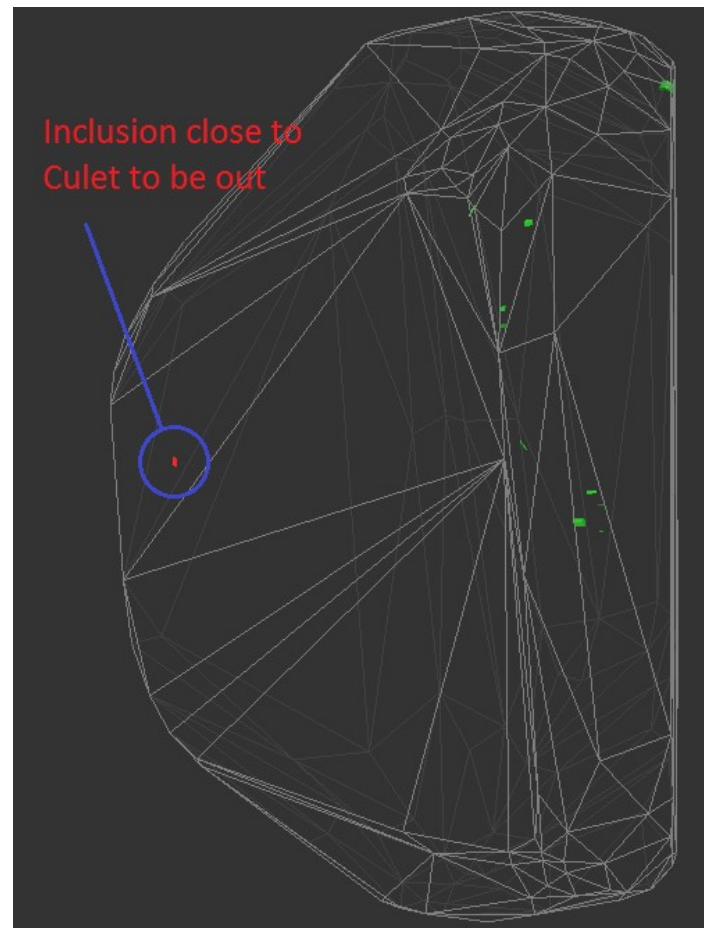
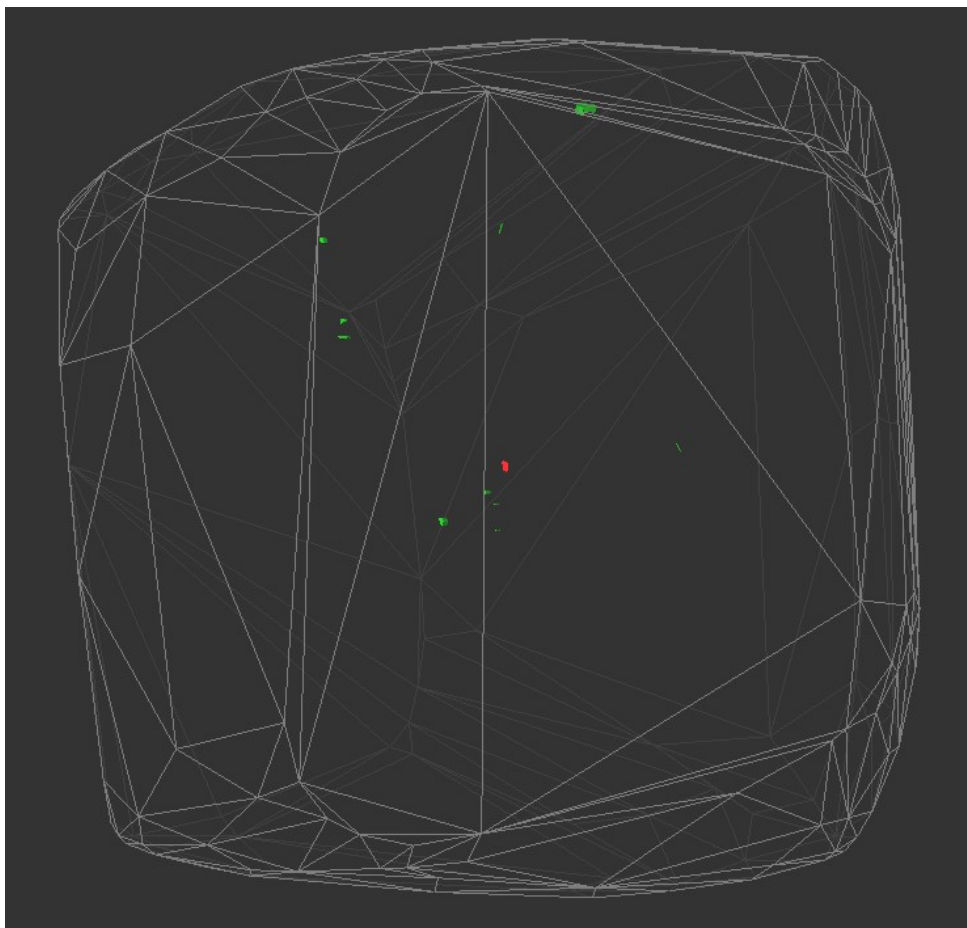


Re-Imageneering Diamonds:
Sawn Rough

1.5756 Ct

Inclusions plotted on M-Box (fine inclusion near Culet to be kept out)



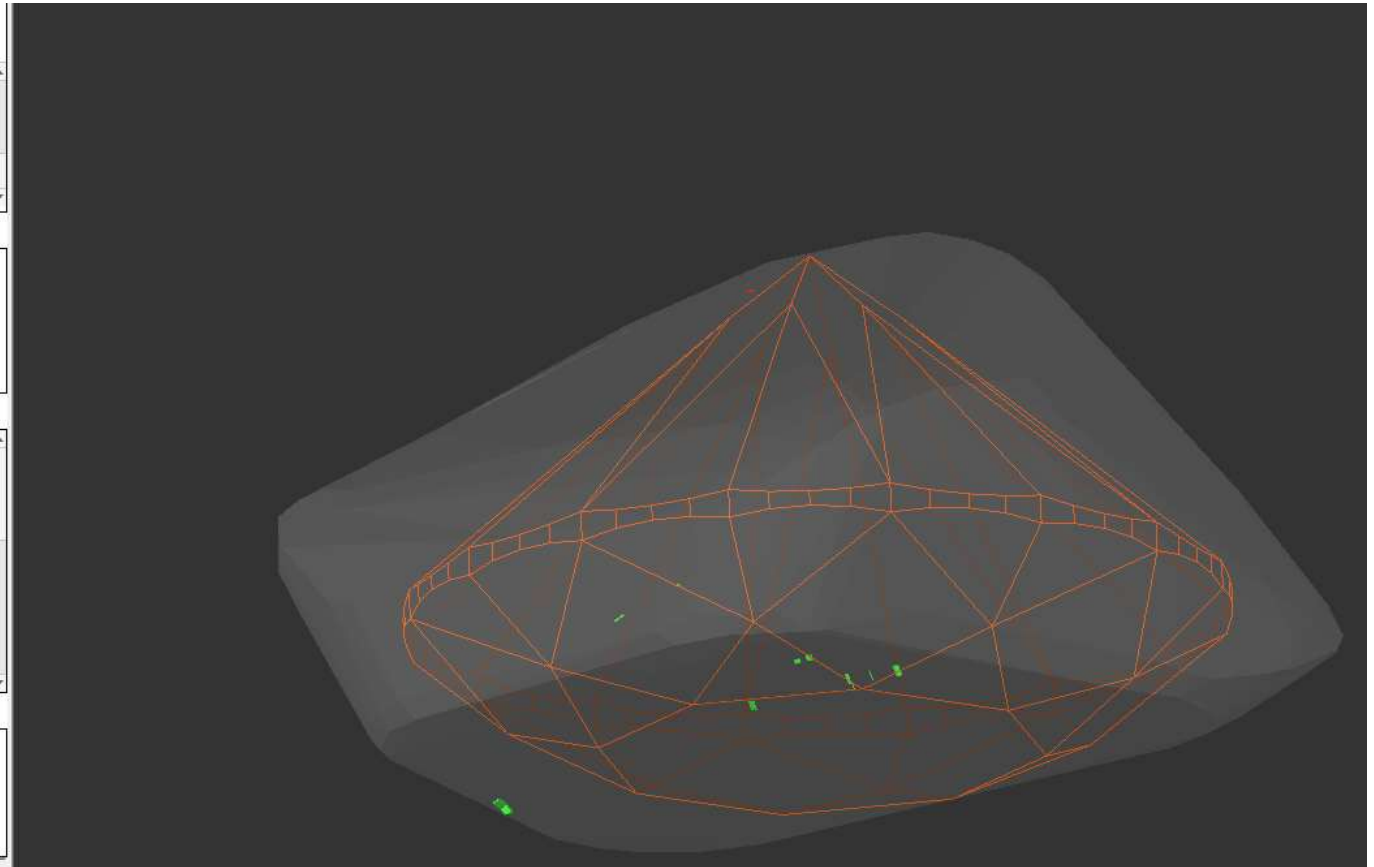
Symmetric GIA Ex Ex make – 0.9722 Ct – 6897 \$

#	Price	Cutting	Mass	Yield	Clarity	Col	Gr	Cut	Sym	
Active scan				1.5756						
<input type="checkbox"/>	4	6194\$	Brilliant	0.9856	62.20%	VS1	F	VG	VG	VG
<input type="checkbox"/>	12	6897\$	Brilliant	0.9784	61.56%	VS1	F	EX	EX	EX
<input type="checkbox"/>	15	6897\$	Brilliant	0.9722	61.56%	VS1	F	EX	EX	EX
<input checked="" type="checkbox"/>	1	6897\$	Brilliant	0.9722	61.56%	VS1	F	EX	EX	EX
<input type="checkbox"/>	2	6683\$	Brilliant	0.9390	59.66%	VS1	F	EX	EX	EX

Solution			
<input type="checkbox"/>	1	cutting: Brilliant	Mass: 0.9722 ct.
		Price: 6 897 \$	Clarity: VS1
		Discount: -10.00 %	Color: F
		PPC: 7110 \$/ct	Grade: EX

Inclusions		
3D-1	●	VS1
3D-1	●	VS1
3D-2	●	VS1
3D-2	●	VS1
3D-3	●	VS1
3D-3	●	VS1
Point-1	●	VS1
Point-1	●	VS1
Point-2	●	VS1

Active Appraiser and Pricelist	
Appraiser:	MyGIA GIA Facetware + MyGIA
Profile:	kg+gia+hrd Show Editor
Pricelist:	LEXUS_PRICE_09MARCH_2012



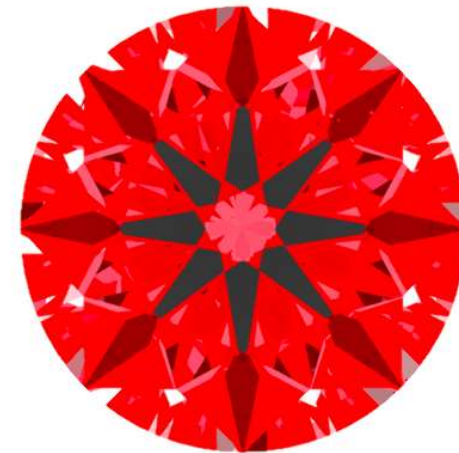
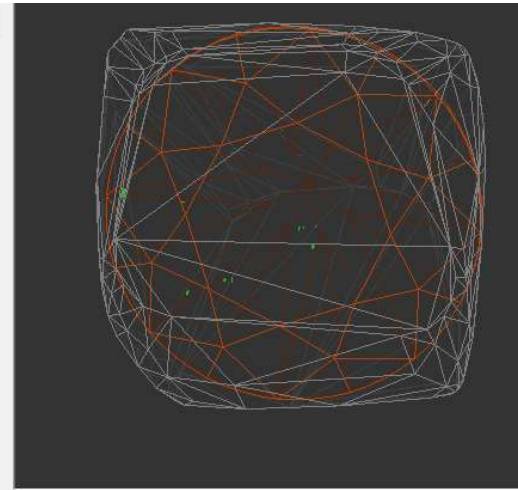
Symmetric GIA Ex Ex make – 0.9722 Ct

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

Export to MS Word

Parameters	Measured value			Rounded value	Estimated Cut Grade	Estimated Symmetry Grade	Estimated Polish Grade
	Min	Max	Dev				
Shape	-	-	-	Brilliant	-	-	-
Estimated Weight (Ct)	-	-	-	0.9722	-	-	-
Diameter (mm)	6.32	6.35	0.03	6.33	-	EX	-
Table Size (%)	54.8	55.0	0.2	54.9	55	EX	-
Crown Angle (°)	34.90	35.00	0.10	34.95	35.0	EX	-
Pavilion Angle (°)	40.30	40.90	0.60	40.65	40.6	EX	-
Star Length (%)	53.9	53.9	0.0	53.9	55	EX	-
Lower Half (%)	77.0	77.0	0.0	77.0	75	EX	-
Girdle Bezel Thickness (%)	3.63	3.65	0.02	3.63	3.5	EX	-
Star Angle (°)	23.5	23.5	0.0	23.5	23.5	EX	-
Upper Angle (°)	42.0	42.1	0.1	42.1	42.1	EX	-
Lower Angle (°)	41.6	42.2	0.6	41.9	41.9	EX	-
Girdle Valley Minimum (%)*	-	-	-	1.80	MED	EX	-
Girdle Valley Maximum (%)*	-	-	-	1.86	MED	EX	-
Culet Size (%)*	-	-	-	0.11	NON	EX	-
Crown Height (%)	15.77	15.79	0.02	15.79	16.0	EX	-
Pavilion Depth (%)	42.92	42.92	0.00	42.92	43.0	EX	-
Total Depth (%)	-	-	-	62.34	62.3	-	-
Table offset (%)	-	-	-	0.000	-	EX	-
Culet offset (%)	-	-	-	0.490	-	EX	-
Table-Culet (%)	-	-	-	0.490	-	EX	-
Crown Painting (°)	-0.50	0.00	0.50	-0.25	-0.2	EX	-
Pavilion Painting (°)	-0.50	0.00	0.51	-0.25	-0.2	EX	-
Sum Painting (°)	-	-	-	-0.50	-0.4	EX	-
Junction Twist (°)	0.00	0.00	-	-	-	-	-
Twist (°)	0.00	0.00	-	-	-	-	-
Radius roundness by OctoNus	for window size 15°:			0.17	-	EX	-
	for window size 30°:			0.29	-	EX	-
	for window size 45°:			0.34	-	EX	EX
	for window size 90°:			0.34	-	EX	-
Table edge (%)	21.01	21.01	0.00	21.01	-	-	-
Virtual table edge (%)	21.01	21.01	0.00	21.01	-	-	-
Table edge junction (%)	0.00	0.00	0.00	0.00	-	-	-
Table angle (°)	134.5	135.5	1.0	135.0	-	-	-
Bezel width (%)	29.29	29.89	0.60	29.59	-	-	-
Estimated Intermediate GIA Cut Grade:					EX	EX	EX
Estimated Final GIA Cut Grade:						EX	

Report generated successfully



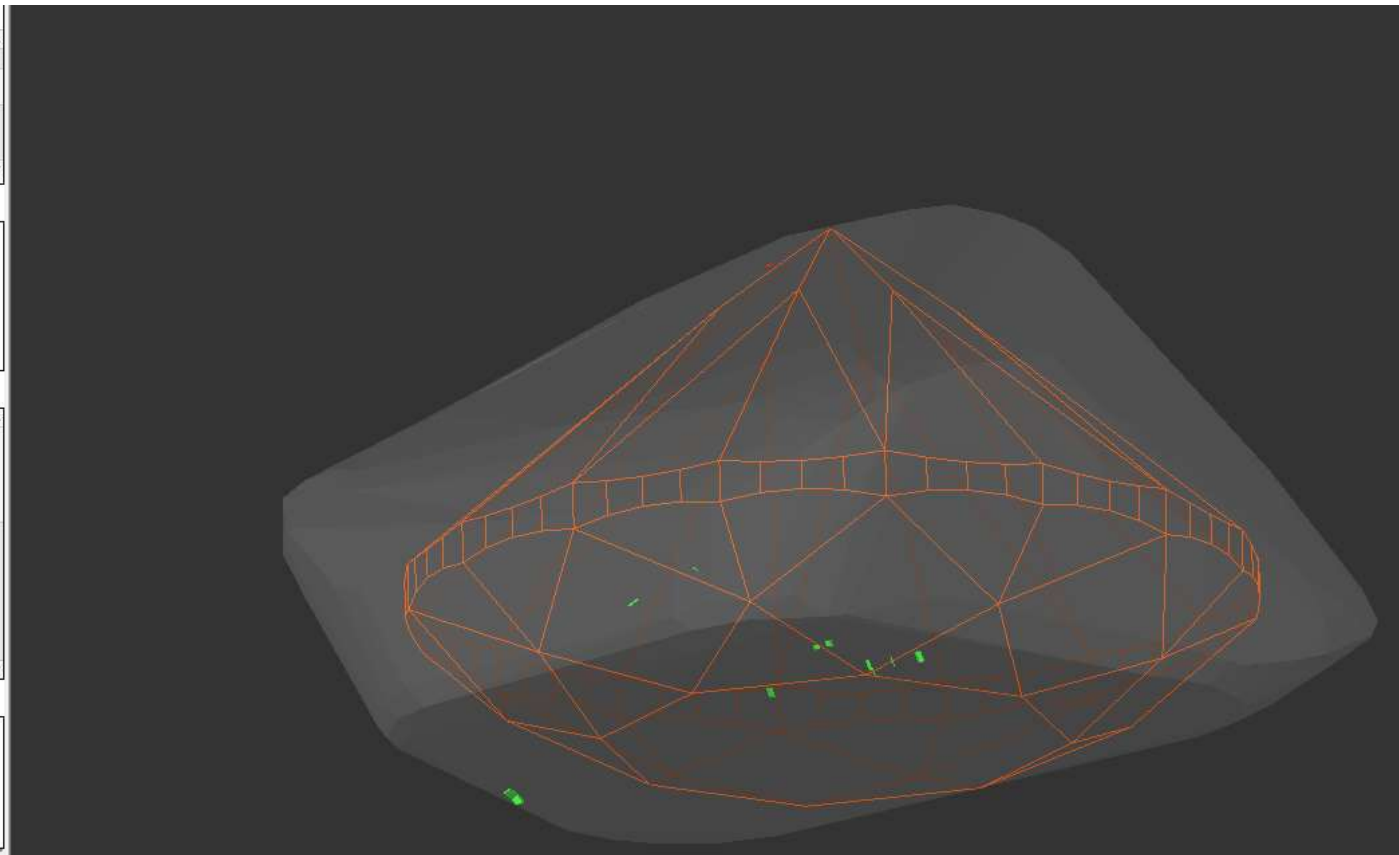
Symmetric GIA VG make – 1.0173 Ct – 8935 \$

Active scan		1.5756								
<input checked="" type="checkbox"/>	3	●	8935\$ Brilliant	1.0173	64.10%	VS1	F	VG	VG	VG
<input type="checkbox"/>	9	●	9952\$ Brilliant	1.0008	63.47%	VS1	F	EX	EX	EX
<input type="checkbox"/>	8	●	9952\$ Brilliant	1.0007	63.47%	VS1	F	EX	EX	EX
<input type="checkbox"/>	6	●	7039\$ Brilliant	0.9976	62.83%	VS1	F	EX	EX	EX
<input type="checkbox"/>	10	●	7039\$ Brilliant	0.9972	62.83%	VS1	F	EX	EX	EX

Solution			
3	cutting:	Brilliant	Mass: 1.0173 ct
<input type="checkbox"/>	Price:	8 935 \$	Clarity: VS1
	Discount:	-20.00 %	Color: F
	PPC:	8846 \$/ct	Grade: VG

Inclusions		
3D-1	●	VS1
3D-1	●	VS1
3D-2	●	VS1
3D-2	●	VS1
3D-3	●	VS1
3D-3	●	VS1
Point-1	●	VS1
Point-1	●	VS1
Point-2	●	VS1

Active Appraiser and Pricelist	
Appraiser:	MyGIA GIA Facetware + MyGIA
Profile:	kg+gia+hrd Show Editor
Pricelist:	LEXUS_PRICE_09MARCH_2012



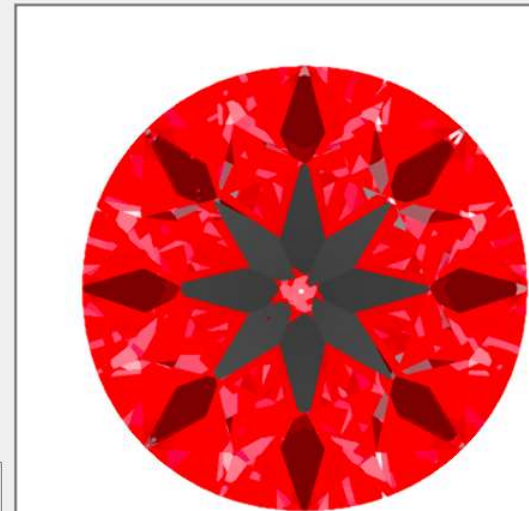
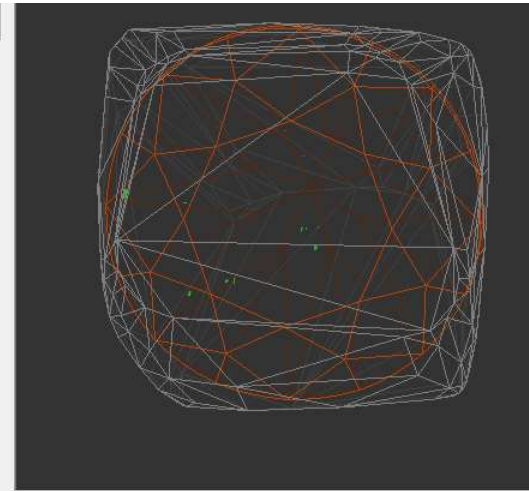
Symmetric GIA VG make – 1.0173 Ct

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

Export to MS Word

Parameters	Measured value			Rounded value	Estimated Cut Grade	Estimated Symmetry Grade	Estimated Polish Grade
	Min	Max	Dev				
Shape	-	-	-	Brilliant	-	-	-
Estimated Weight (Ct)	-	-	-	1.0173	-	-	-
Diameter (mm)	6.28	6.36	0.08	6.32	-	VG	-
Table Size (%)	55.3	56.0	0.6	55.6	56	EX	-
Crown Angle (°)	34.70	35.00	0.30	34.85	35.0	EX	-
Pavilion Angle (°)	39.10	40.30	1.20	39.75	39.8	VG	VG
Star Length (%)	57.9	57.9	0.0	57.9	60	EX	-
Lower Half (%)	70.0	70.1	0.1	70.1	70	EX	-
Girdle Bezel Thickness (%)	5.55	5.60	0.05	5.57	5.5	EX	-
Star Angle (°)	23.9	23.9	0.0	23.9	23.9	EX	-
Upper Angle (°)	43.2	43.6	0.4	43.4	43.4	EX	-
Lower Angle (°)	40.8	41.9	1.1	41.4	41.4	EX	-
Girdle Valley Minimum (%)*	-	-	-	3.42	THK	VG	-
Girdle Valley Maximum (%)*	-	-	-	3.65	THK	VG	-
Culet Size (%)*	-	-	-	1.06	NON	EX	-
Crown Height (%)	15.48	15.50	0.02	15.50	15.5	EX	-
Pavilion Depth (%)	41.20	41.21	0.02	41.20	41.0	EX	-
Total Depth (%)	-	-	-	62.26	62.3	-	-
Table offset (%)	-	-	-	0.000	-	EX	-
Culet offset (%)	-	-	-	0.965	-	VG	-
Table-Culet (%)	-	-	-	0.965	-	VG	-
Crown Painting (°)	-1.64	0.00	1.64	-0.82	-0.8	EX	-
Pavilion Painting (°)	-1.66	0.04	1.70	-0.81	-0.8	EX	-
Sum Painting (°)	-	-	-	-1.63	-1.6	EX	-
Junction Twist (°)	0.00	0.00	-	-	-	-	-
Twist (°)	0.00	0.00	-	-	-	-	-
Radius roundness by OctoNus	for window size 15°:			0.55	-	VG	-
	for window size 30°:			0.95	-	VG	VG
	for window size 45°:			1.11	-	VG	VG
	for window size 90°:			1.11	-	VG	VG
Table edge (%)	21.29	21.29	0.00	21.29	-	-	-
Virtual table edge (%)	21.29	21.29	0.00	21.29	-	-	-
Table edge junction (%)	0.00	0.00	0.00	0.00	-	-	-
Table angle (°)	133.4	136.6	3.2	135.0	-	-	-
Bezel width (%)	29.45	31.50	2.05	30.48	-	-	-
Estimated Intermediate GIA Cut Grade:					VG	VG	EX
Estimated Final GIA Cut Grade:						VG	

Report generated successfully



Re-Imagineering Plan - 1.0008 Ct - \$ 9952

<input type="checkbox"/>	Active scan		1.5756						
<input type="checkbox"/>	11	●	10350\$ Brilliant	1.0408	66.01%	VS1	F	EX	EX
<input type="checkbox"/>	5	●	10151\$ Brilliant	1.0278	64.74%	VS1	F	EX	EX
<input checked="" type="checkbox"/>	9	●	9952\$ Brilliant	1.0008	63.47%	VS1	F	EX	EX
<input type="checkbox"/>	8	●	9952\$ Brilliant	1.0007	63.47%	VS1	F	EX	EX
<input type="checkbox"/>	16	●	9200\$ Brilliant	1.0431	66.01%	VS1	F	VG	VG

▼ Solution

9	cutting: Brilliant	Mass: 1.0008 ct
	Price: 9 952 \$	Clarity: VS1
	Discount: <u>-10.00 %</u>	Color: F
	PPC: 9952 \$/ct	Grade: EX

▼ Inclusions

3D-1	●	VS1
3D-1	●	VS1
3D-2	●	VS1
3D-2	●	VS1
3D-3	●	VS1
3D-3	●	VS1
Point-1	●	VS1
Point-1	●	VS1
Point-2	●	VS1

▼ Active Appraiser and Pricelist

Appraiser: MyGIA | GIA Facetware + MyGIA

Profile: kg+gia+hrd Show Editor

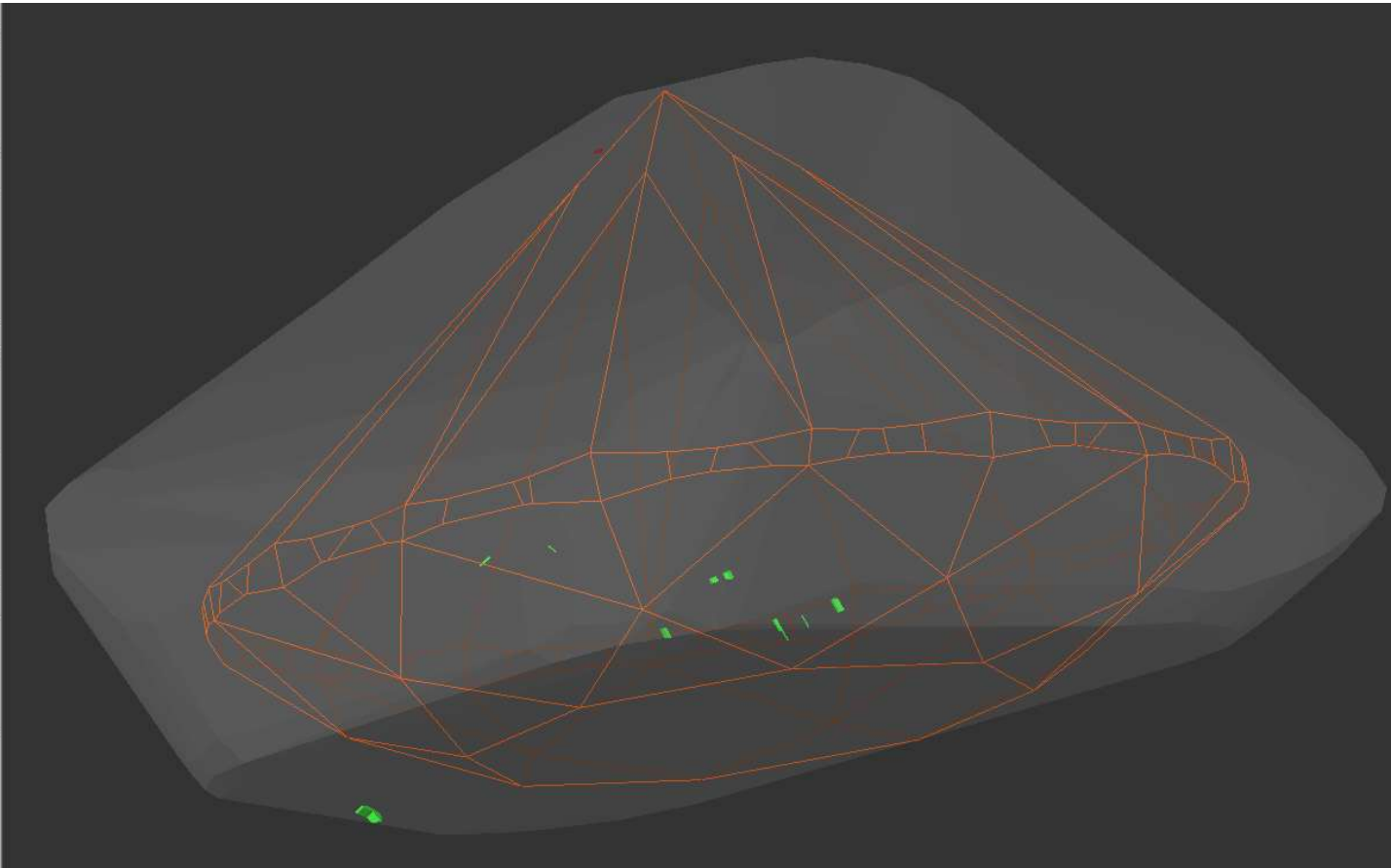
Pricelist: LEXUS_PRICE_09MARCH_2012

Select algorithm and diamonds for allocation.

Algorithm: 06. Semicut (final)

Cutting list: Brilliant

grade of 1st diam: EX



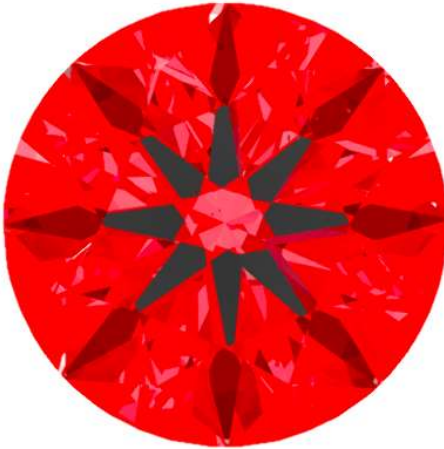
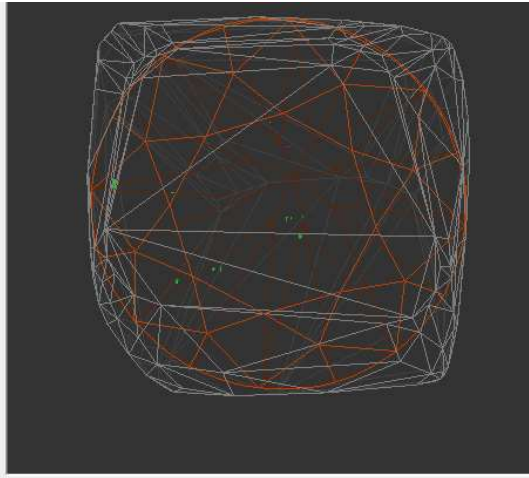
Re-Imagineering Plan - 1.0008 Ct

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

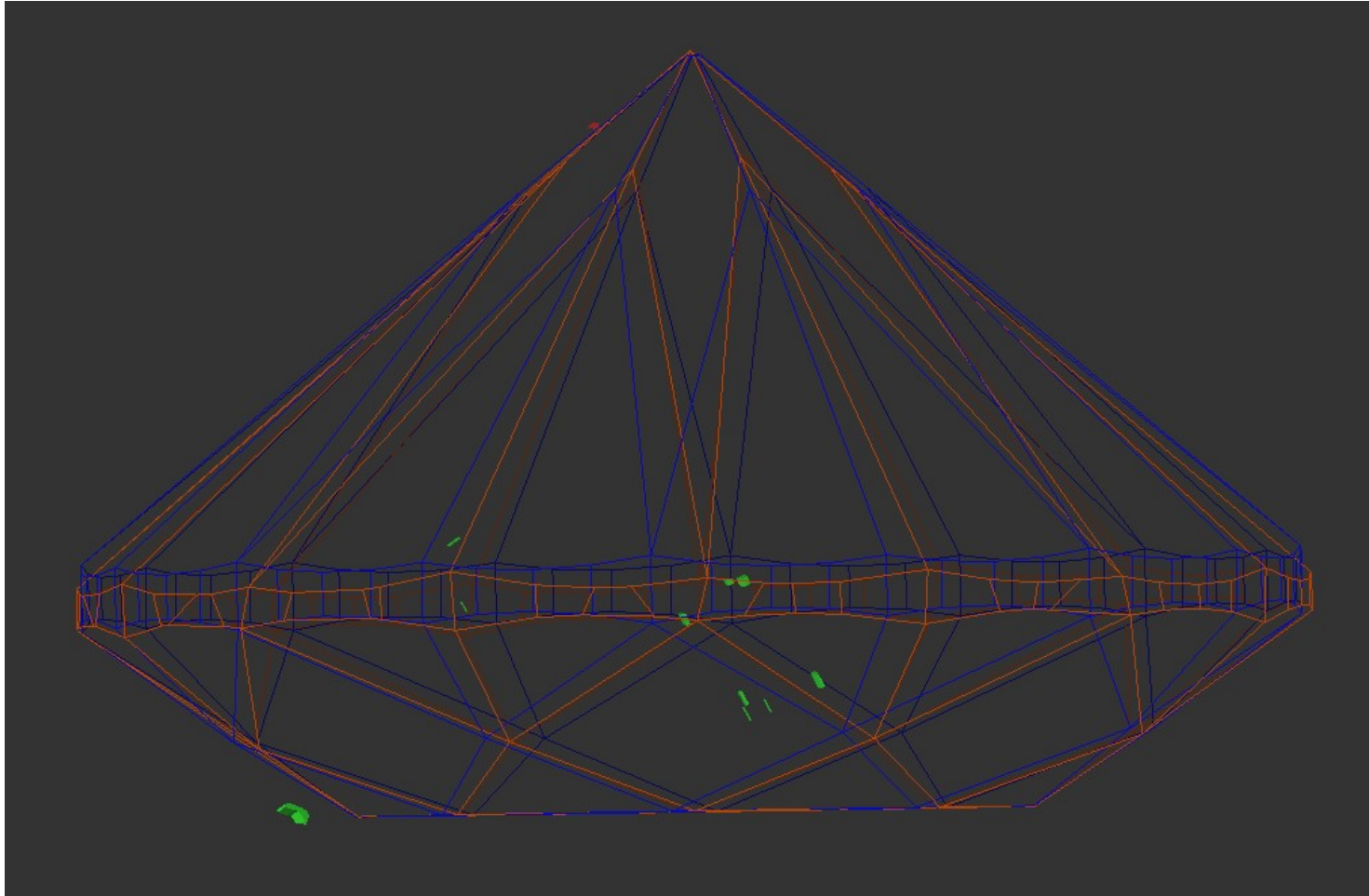
Export to MS Word

Parameters	Measured value			Rounded value	Estimated Cut Grade	Estimated Symmetry Grade	Estimated Polish Grade
	Min	Max	Dev				
Shape	-	-	-	Brilliant	-	-	-
Estimated Weight (Ct)	-	-	-	1.0008	-	-	-
Diameter (mm)	6.41	6.44	0.02	6.42	-	EX	-
Table Size (%)	54.4	55.4	1.0	54.9	55	EX	-
Crown Angle (°)	34.30	35.30	1.00	34.43	34.5	EX	-
Pavilion Angle (°)	40.40	40.90	0.50	40.66	40.6	EX	EX
Star Length (%)	51.2	55.4	4.2	53.8	55	EX	-
Lower Half (%)	75.7	78.3	2.6	77.0	75	EX	-
Girdle Bezel Thickness (%)	3.04	3.42	0.39	3.21	3.0	EX	-
Star Angle (°)	22.6	23.8	1.2	23.1	23.1	EX	-
Upper Angle (°)	39.1	40.6	1.5	39.9	39.9	EX	-
Lower Angle (°)	41.2	42.1	0.9	41.6	41.6	EX	-
Girdle Valley Minimum (%) *	-	-	-	1.77	MED	EX	-
Girdle Valley Maximum (%) *	-	-	-	2.52	STK	EX	-
Culet Size (%) *	-	-	-	0.09	NON	EX	-
Crown Height (%)	15.30	16.24	0.93	15.52	15.5	EX	-
Pavilion Depth (%)	42.28	43.24	0.97	42.93	43.0	EX	-
Total Depth (%)	-	-	-	61.64	61.6	-	-
Table offset (%)	-	-	-	0.202	-	EX	-
Culet offset (%)	-	-	-	0.483	-	EX	-
Table-Culet (%)	-	-	-	0.685	-	EX	-
Crown Painting (°)	1.62	3.62	2.00	2.00	2.0	EX	-
Pavilion Painting (°)	0.99	3.05	2.06	2.00	2.0	EX	EX: -3.20 to 3.20
Sum Painting (°)	-	-	-	4.00	4.0	EX	-
Junction Twist (°)	-1.01	1.00	-	-	-	-	-
Twist (°)	0.00	1.00	-	-	-	-	-
Radius roundness by OctoNus							
				0.25		EX	-
				0.29		EX	-
				0.31		EX	EX
				0.31		EX	-
Table edge (%)	20.01	21.49	1.48	21.01	-	-	-
Virtual table edge (%)	20.01	21.49	1.48	21.01	-	-	-
Table edge junction (%)	0.00	0.00	0.00	0.00	-	-	-
Table angle (°)	134.9	135.9	1.0	135.0	-	-	-
Bezel width (%)	28.95	29.93	0.99	29.58	-	-	-
Estimated Intermediate GIA Cut Grade:					EX	EX	EX
Estimated Final GIA Cut Grade:						EX	

Report generated successfully



Gain – EX instead of VG = Value gain of \$ 1017 (11.4%)
(loss in wt. 0.016 Ct)



Compare report – 1.0008 Ct Ex with 1.0173 Ct VG

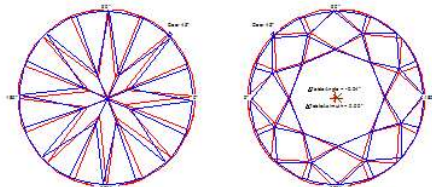
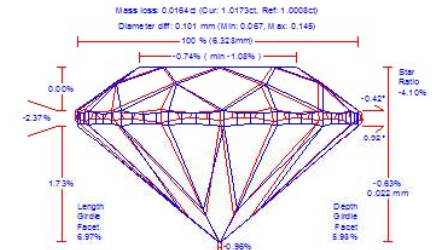
COMPARATIVE REPORT FOR BRILLIANT

Polished Brilliant 25.9.2015
 Current model: 3
 Reference model: 9
 Report type: Comparative (Reference - Current), Frozen

Expert name N/A
 ΔReal weight, ct N/A
 ΔCalculated weight, -0.01, -0.0164
 ΔSpread 0.06 ct, 6.70 %
 ΔAGS Spread 0.06 ct, 6.71 %

ΔRatio (L/W)	ΔMinimum Diameter	ΔMaximum Diameter	ΔTotal height
-0.009	0.127 mm	0.073 mm	0.022 mm

ΔCrown height	ΔPavilion depth	ΔTable	ΔCulet	ΔGirdle		
				Bezel	Bone	Valley
0.016 mm	0.153 mm	0.008 mm	-0.061 mm	-0.146 mm	-0.031 mm	-0.087 mm



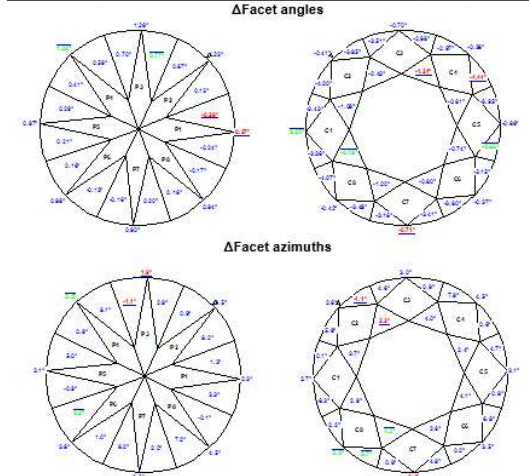
— Current cutting
 — Reference cutting
 + Current culet center
 × Current table center
 Circles indicate reference and table centers
 Circles diameters are: 9.6%, 4.8%, 2.4%, 1.2%

Table center offset: 0.008 mm 0.13 %
 Culet center offset: 0.040 mm 0.64 %

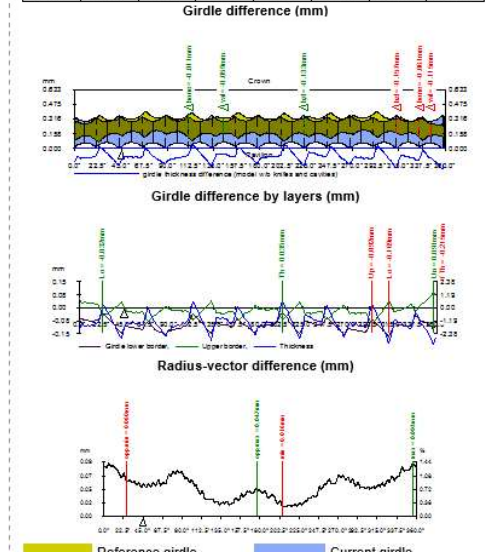
Parameter	Avg	Min	Max	Dev
ΔDiameter, mm	0.101	0.067	0.145	
ΔCrown angle, °	-0.42	-0.71	0.25	0.96
ΔPavilion angle, °	0.92	0.27	1.32	1.05
ΔTotal height, %	-0.63			
ΔCrown height, %	0.00	-0.22	0.69	0.91
ΔCrown height bone, %	-0.91	-1.26	-0.32	0.94
ΔPavilion depth, %	1.73	1.10	2.04	0.93
ΔPavilion depth bone, %	0.84	0.45	1.26	0.81
ΔTable, %	-0.74	-1.08	0.03	1.11
ΔCulet, %	-0.96	-0.91	-0.98	-0.08
ΔGirdle Bezel, %	-2.37	-2.53	-2.16	0.37
ΔGirdle Bone, %	-0.57	-1.03	-0.24	0.79
ΔGirdle Valley, %	-1.42	-1.85	-0.97	0.88
ΔStar:				
ΔUpper ratio, %	4.10	2.44	6.73	4.28
ΔStar angle, °	-0.81	-1.24	-0.19	1.06
ΔUpper girdle angle, °	-3.50	-4.44	-2.66	1.78
ΔLength girdle facet, %	6.97	5.68	8.26	2.58
ΔLower girdle angle / ΔHalves angle, °	0.20	-0.29	0.77	1.06
ΔCrown height, mm	0.016	0.002	0.060	0.058
ΔPavilion height, mm	0.153	0.112	0.173	0.060
ΔTable, mm	0.008	-0.013	0.058	0.071
ΔCulet, mm	-0.061	-0.057	-0.062	-0.005
ΔGirdle Bezel, mm	-0.146	-0.157	-0.133	0.023

Measurement as per OctoNus theory:

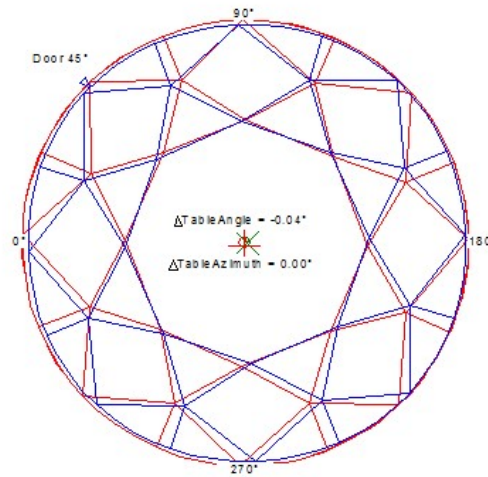
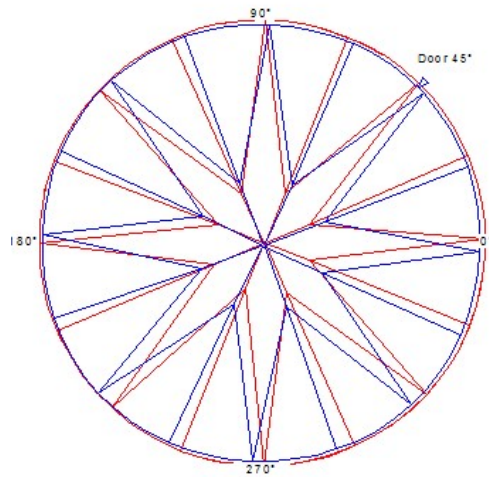
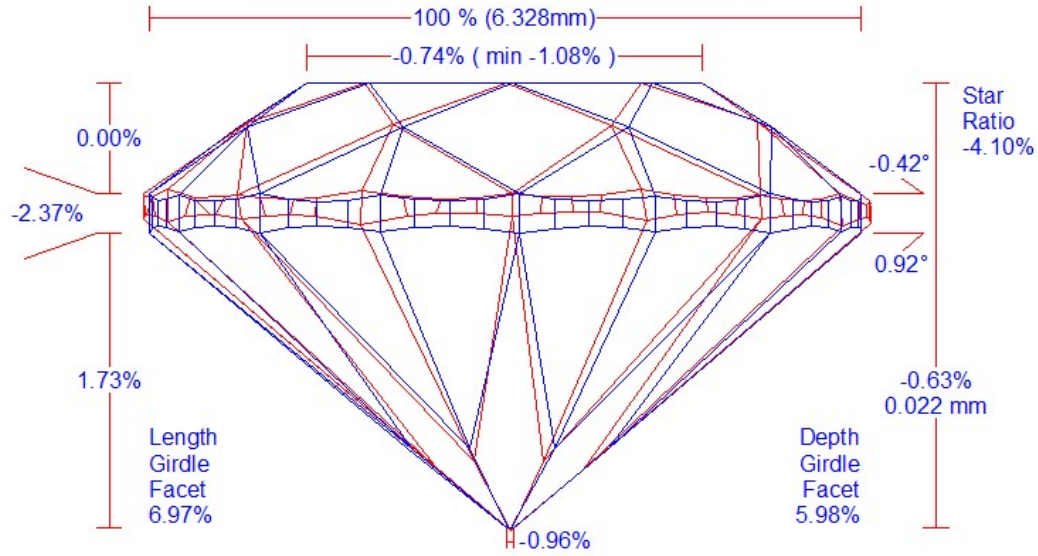
	Avg	Min	Max	Dev	1	2	3	4
ΔCrown angle, °	-0.42	-0.70	-0.21	0.50	-0.21	-0.39	-0.70	-0.39
ΔPavilion angle, °	0.92	0.62	1.08	0.46	0.62	1.05	0.93	1.08



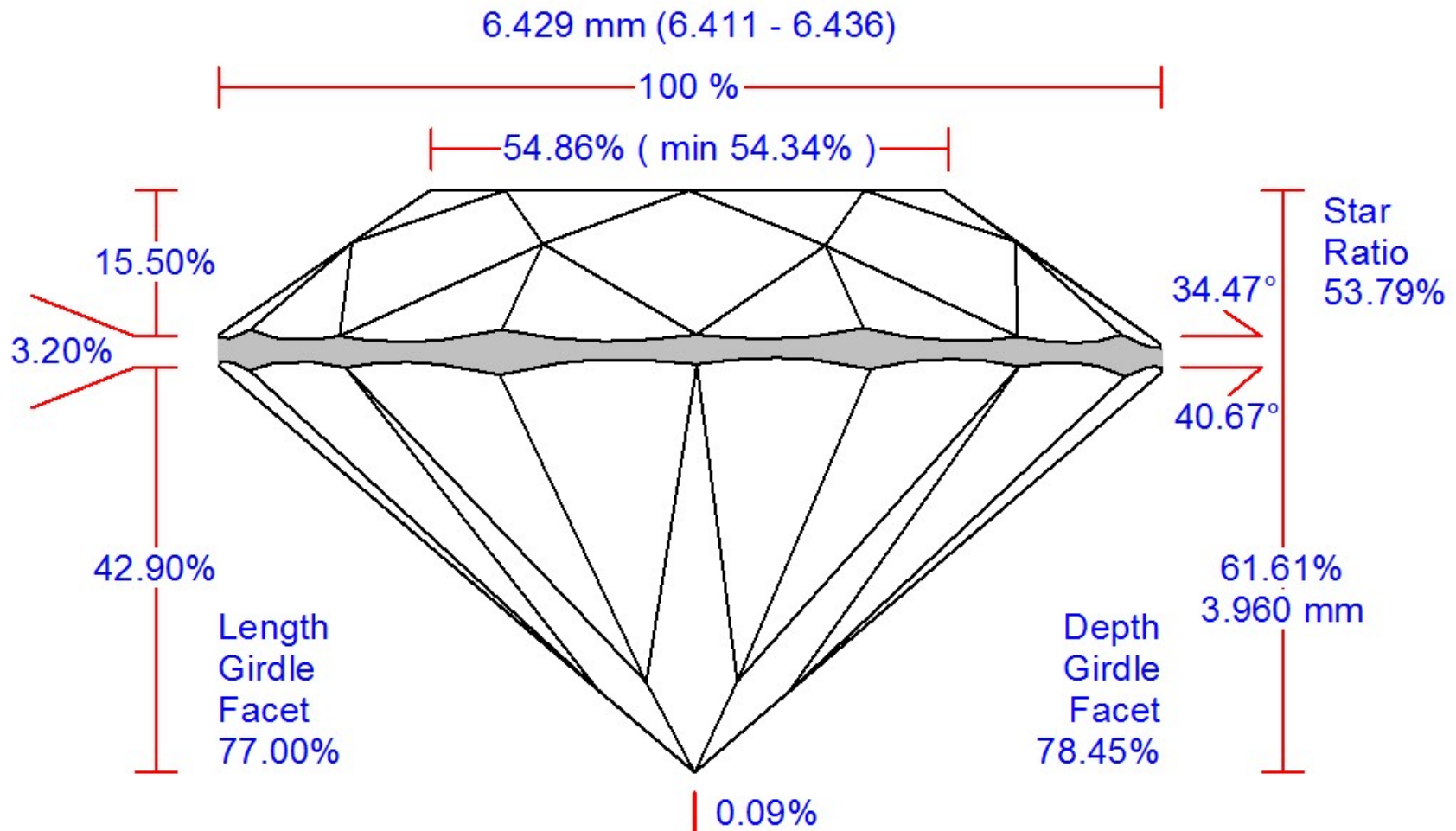
	1	2	3	4	5	6	7	8
0.129	0.071	0.143	0.073					
0.25	-0.41	-0.70	-0.36	-0.66	-0.37	-0.71	-0.42	
0.27	1.23	1.26	1.32	0.97	0.86	0.60	0.84	
0.69	-0.03	-0.19	-0.03	-0.15	-0.08	-0.22	0.03	
-0.57	-1.22	-1.01	-1.01	-0.88	-0.98	-1.26	-0.32	
1.10	1.82	2.04	1.66	1.72	1.61	2.02	1.86	
0.45	1.26	0.62	1.04	0.52	0.94	1.18	0.72	
-0.94	-0.99	0.03	-1.08					
-2.43	-2.43	-2.48	-2.27	-2.20	-2.16	-2.43	-2.53	
-0.51	-0.68	-0.24	-0.66	-0.27	-0.60	-0.55	-1.03	
-1.68	-1.32	-1.45	-1.59	-1.67	-1.30	-0.97	-1.11	
-1.39	-1.22	-1.02	-1.47	-1.65	-1.44	-1.54	-1.85	
-6.73	-2.46	-2.58	-5.24	-2.44	-4.37	-2.46	-6.53	
6.73	2.46	2.58	5.24	2.44	4.37	2.46	6.53	
-1.08	-0.43	-1.24	-0.81	-0.74	-0.80	-1.20	-0.19	
-3.43	-4.00	-3.85	-3.51	-2.68	-2.97	-4.44	-3.95	
-2.66	-3.15	-3.80	-3.41	-3.16	-3.49	-4.07	-3.36	
8.24	8.24	5.69	5.69	5.68	5.68	8.18	8.18	
5.69	5.69	8.24	8.24	5.75	5.75	8.26	8.26	
-0.29	0.13	0.67	0.77	0.70	0.59	0.41	0.29	
0.21	0.16	-0.13	-0.16	0.20	0.16	-0.17	-0.24	
0.060	0.014	0.003	0.014	0.006	0.010	0.002	0.018	
0.112	0.159	0.173	0.148	0.152	0.145	0.171	0.181	
-0.005	-0.007	0.058	-0.013					
-0.151	-0.150	-0.154	-0.140	-0.136	-0.133	-0.151	-0.157	



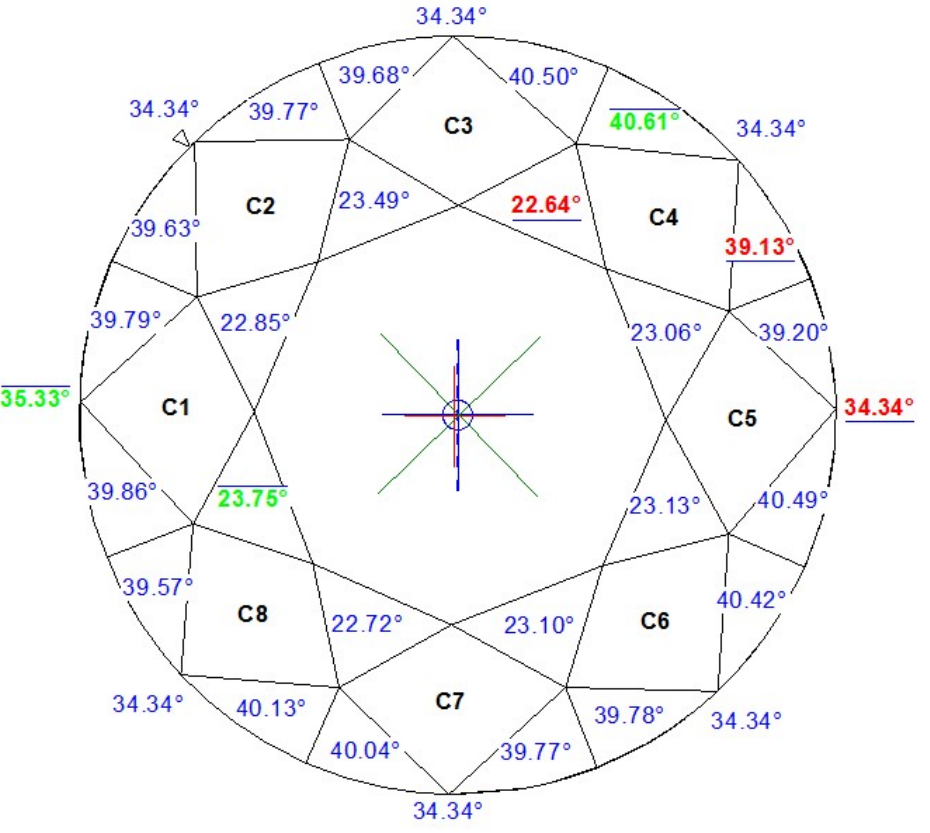
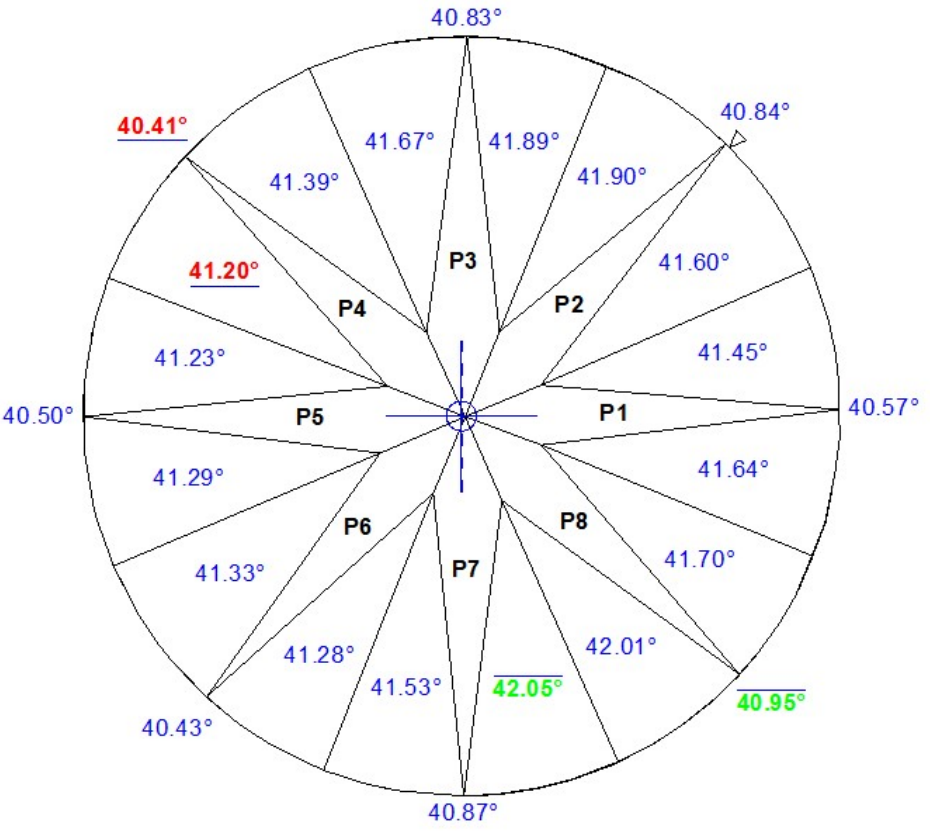
Mass loss: 0.0164ct (Cur: 1.0173ct, Ref: 1.0008ct)
Diameter diff: 0.101 mm (Min: 0.067, Max: 0.145)



Re-Imagineering Solution of 1.0008 Ct



Guide for polisher – Individual slope angle



Guide for polisher – Individual Index angle

