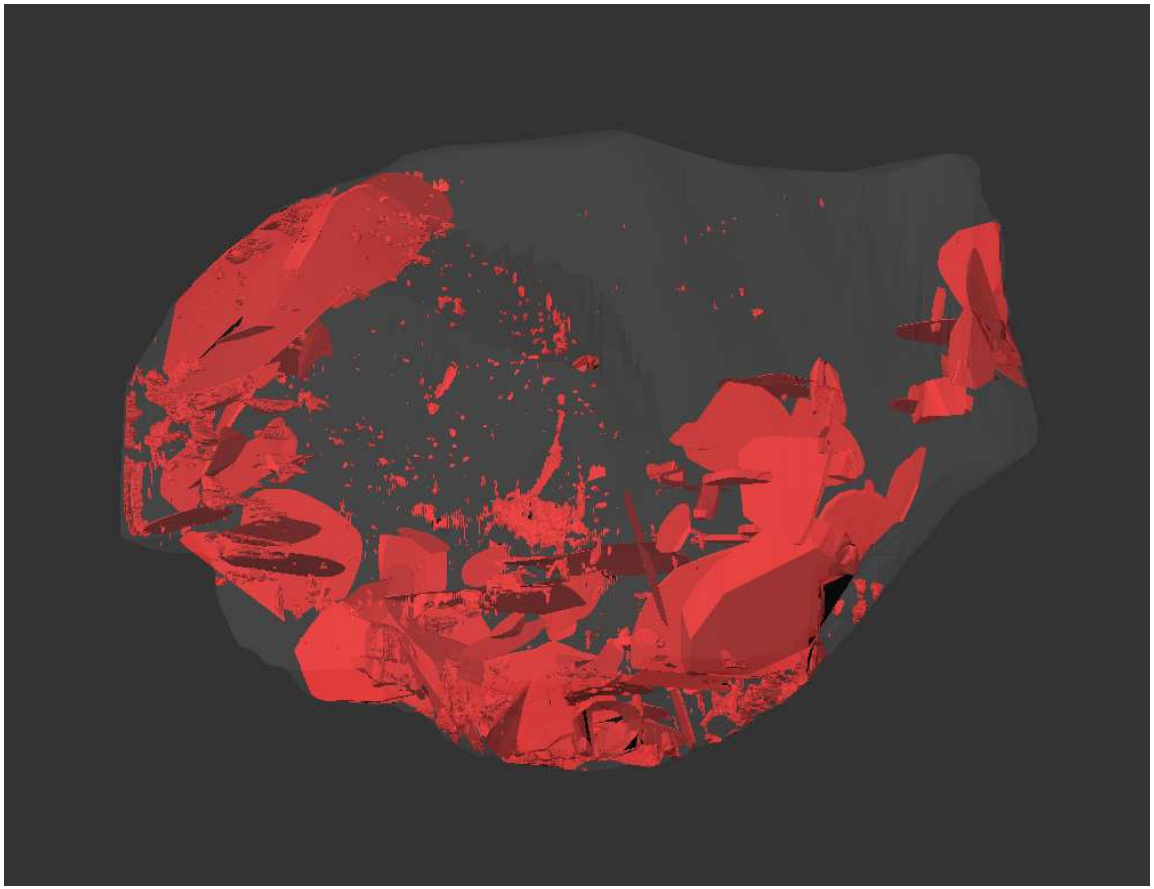
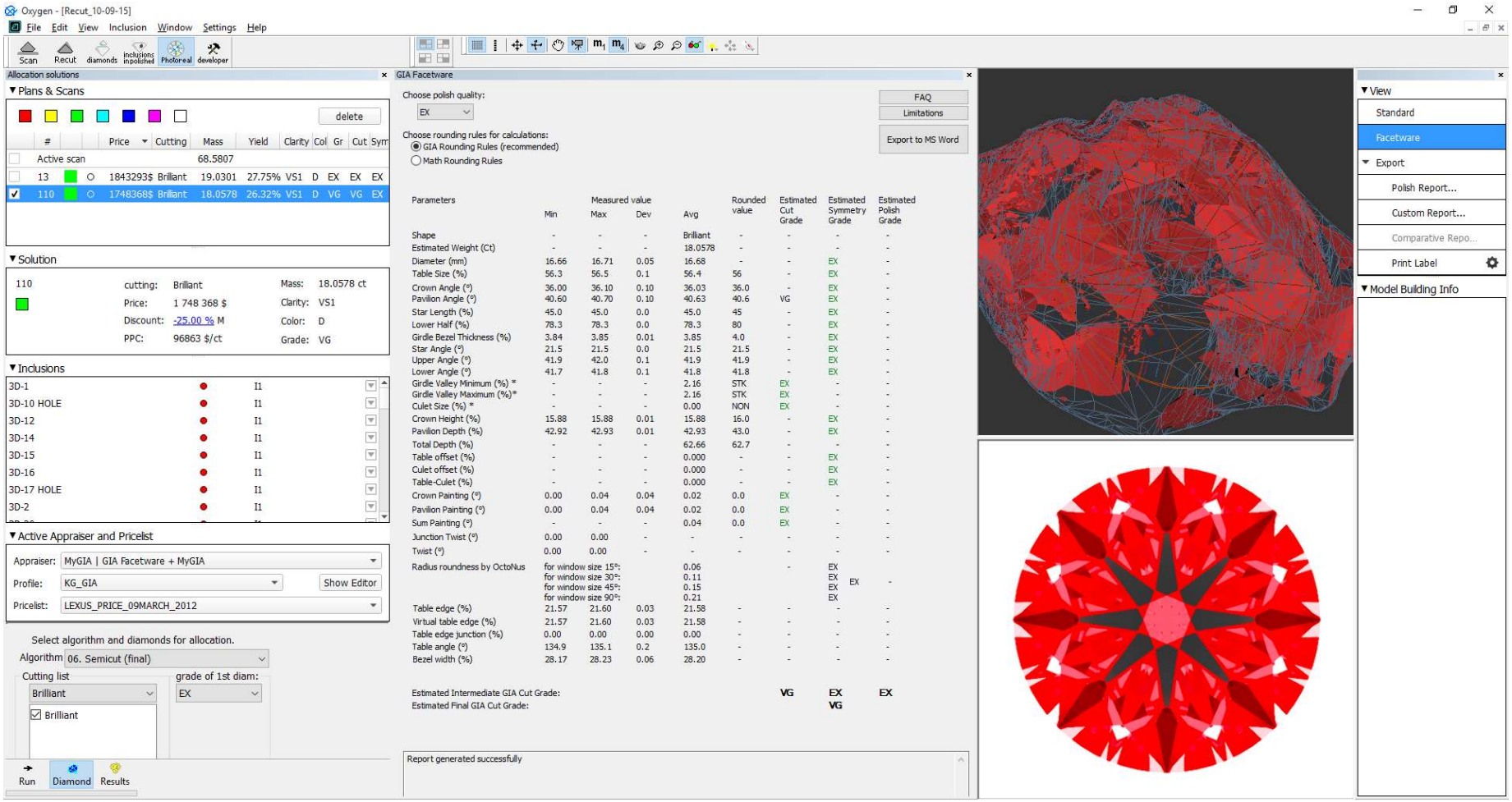
Re-Imagineering Diamonds: Rough

67.57 Ct

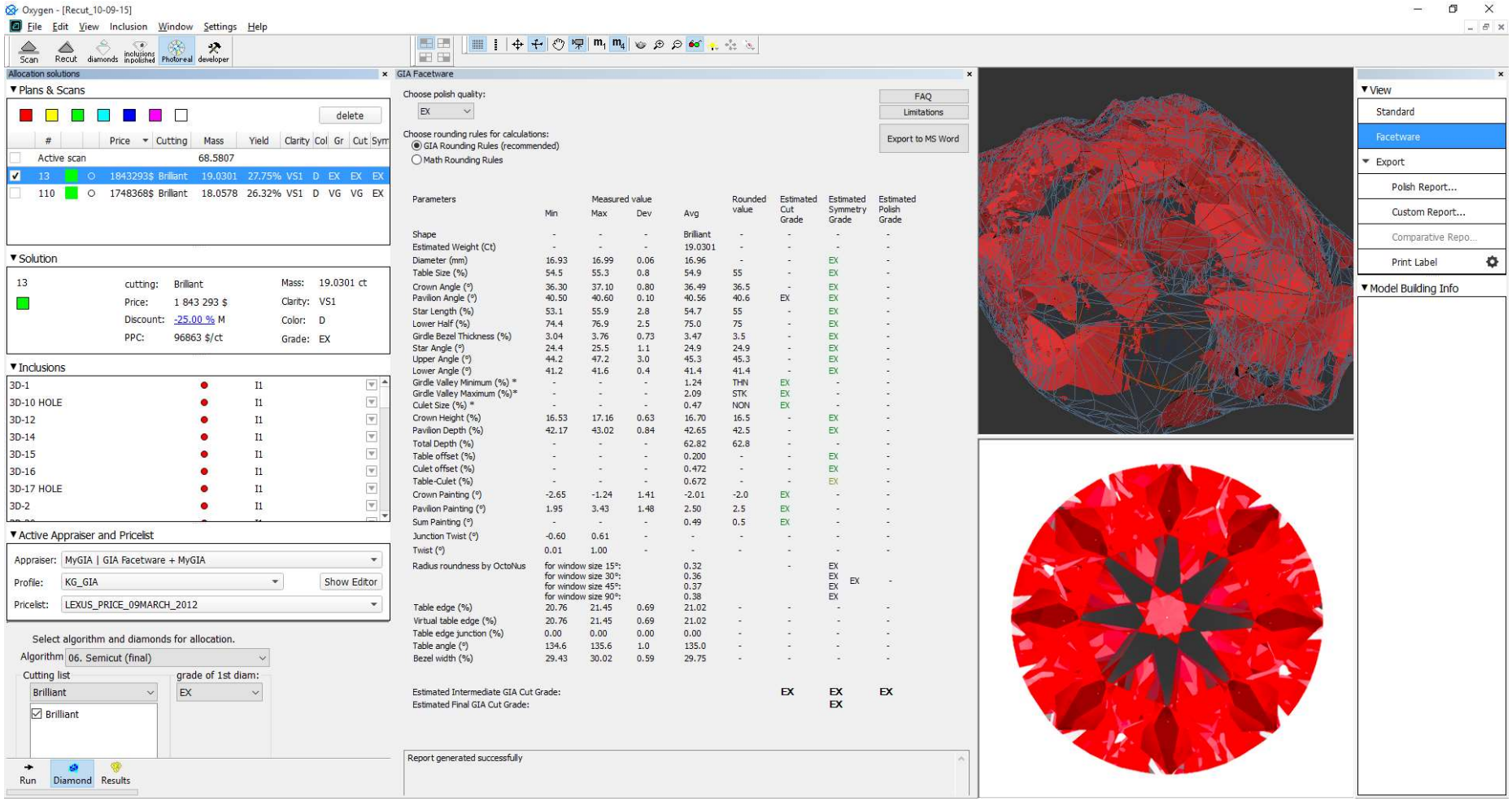
Image with Inclusion



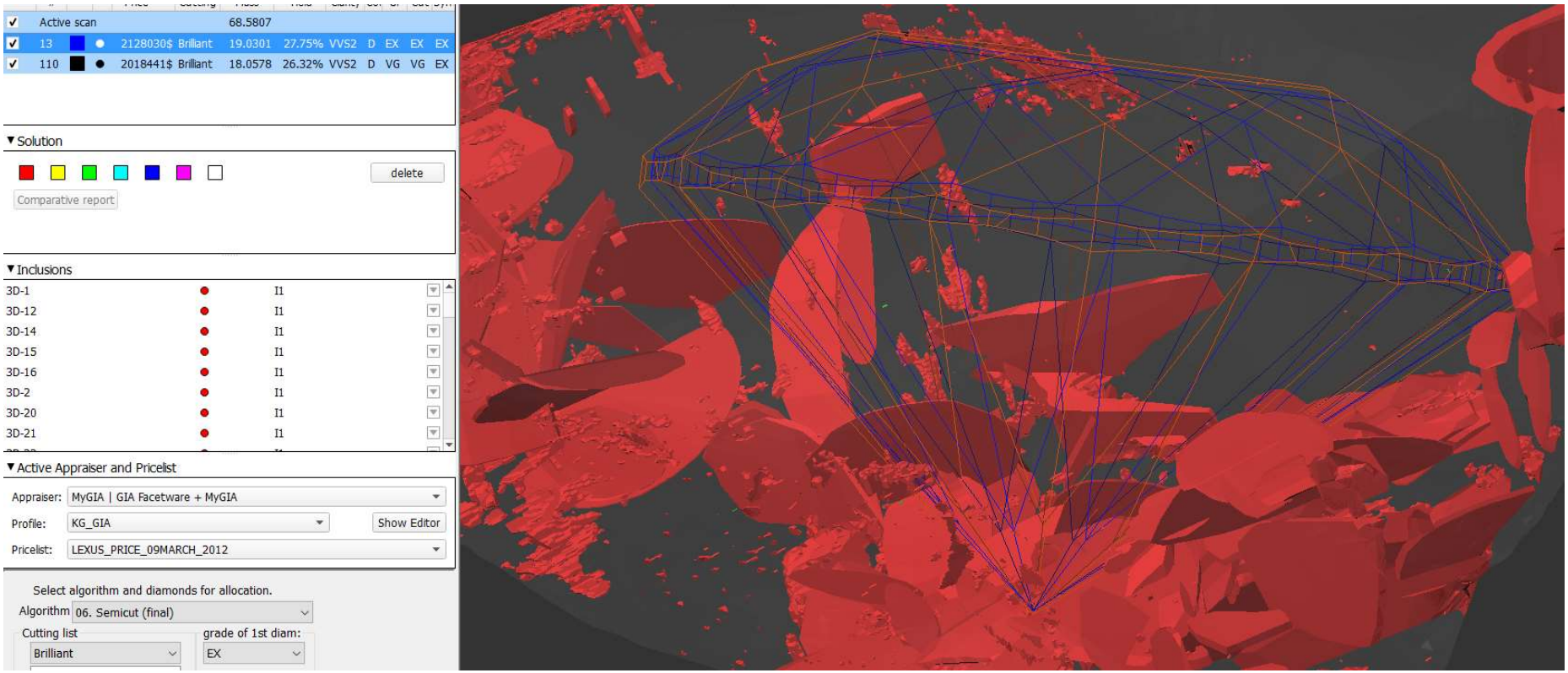
Standard Plan - 18.05 Ct - 2.018 m$



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



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



Compare report

COMPARATIVE REPORT FOR BRILLIANT

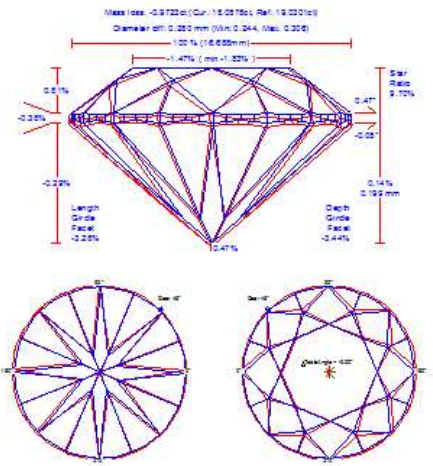
Polished Brilliant 11.9.2015

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



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

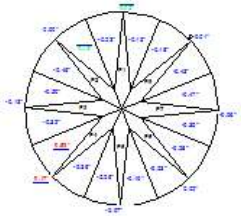
Table center offset: 0.101 mm 0.61 %
Culet center offset: 0.014 mm 0.09 %

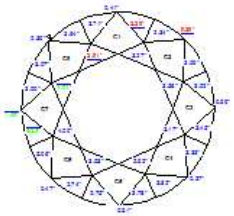
Parameter	Avg	Min	Max	Dev
ΔDiameter,mm	0.280	0.244	0.306	
ΔCrown angle,°	0.47	0.29	1.03	0.74
ΔPavilion angle,°	-0.05	-0.17	0.02	0.19
ΔTotal height,%	0.14			
ΔCrown height,%	0.81	0.65	1.28	0.64
ΔCrown height bone,%	1.53	0.96	2.44	1.48
ΔPavilion depth,%	-0.29	-0.76	0.07	0.84
ΔPavilion depth bone,%	-1.06	-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: ΔUpper ratio,%	-9.70	8.10: -10.94	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**	**2.53**
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	-0.092	-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:

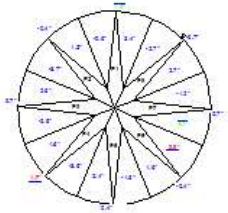
	Avg	Min	Max	Dev	1	2	3	4
ΔCrown angle,°	0.47	0.34	0.81	0.47	0.81	0.34	0.36	0.38
ΔPavilion angle,°	-0.05	-0.10	0.01	0.11	-0.10	-0.09	-0.02	0.01

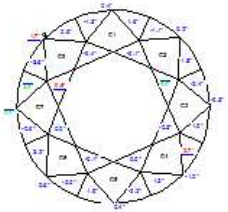
ΔFacet angles





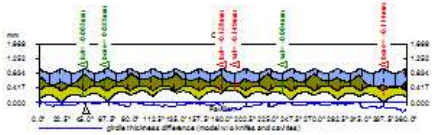
ΔFacet azimuths



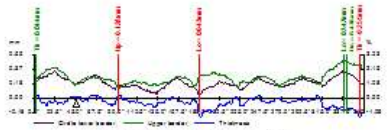


1	2	3	4	5	6	7	8
0.275	0.284	0.277	0.289				
1.03	0.30	0.41	0.29	0.59	0.37	0.31	0.47
-0.06	-0.01	0.02	0.00	-0.13	-0.17	-0.07	0.02
1.28	0.76	0.66	0.67	0.88	0.65	0.66	0.93
1.99	1.30	0.96	1.38	1.47	1.32	1.36	2.44
-0.76	-0.54	-0.25	0.07	0.07	-0.16	-0.32	-0.44
-1.50	-1.23	-0.47	-0.99	-0.75	-1.02	-0.94	-1.56
-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: -8.47	10.94: -10.94	9.21: -9.21	10.94: -10.94	8.10: -8.10	10.31: -10.31	8.70: -8.70	10.94: -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	0.066	0.046
-0.153	-0.079	-0.044	-0.092				
-0.053	-0.003	-0.036	-0.091	-0.128	-0.048	-0.023	-0.049

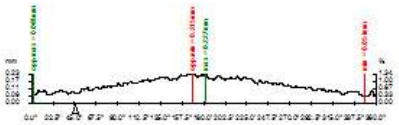
Girdle difference (mm)



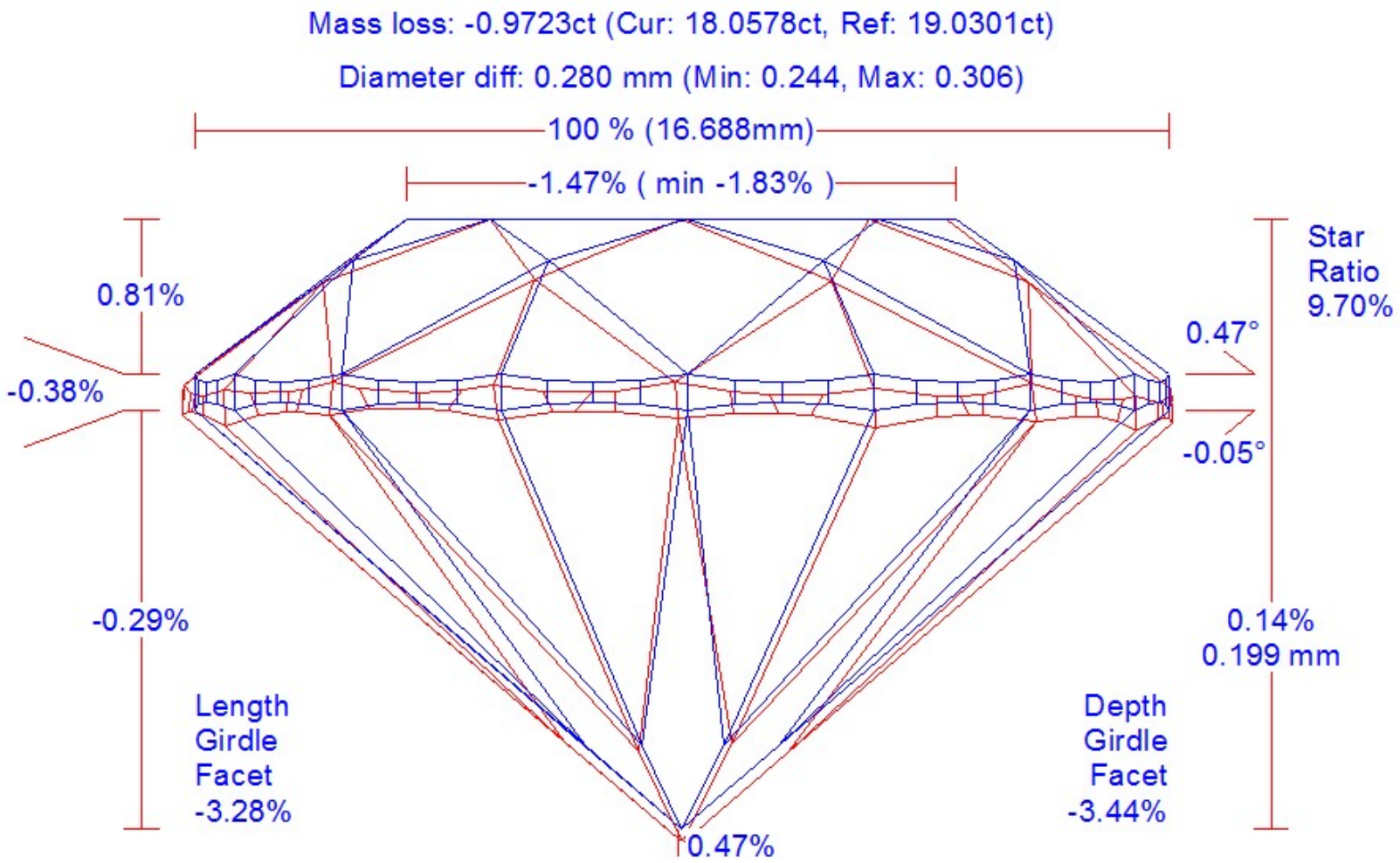
Girdle difference by layers (mm)



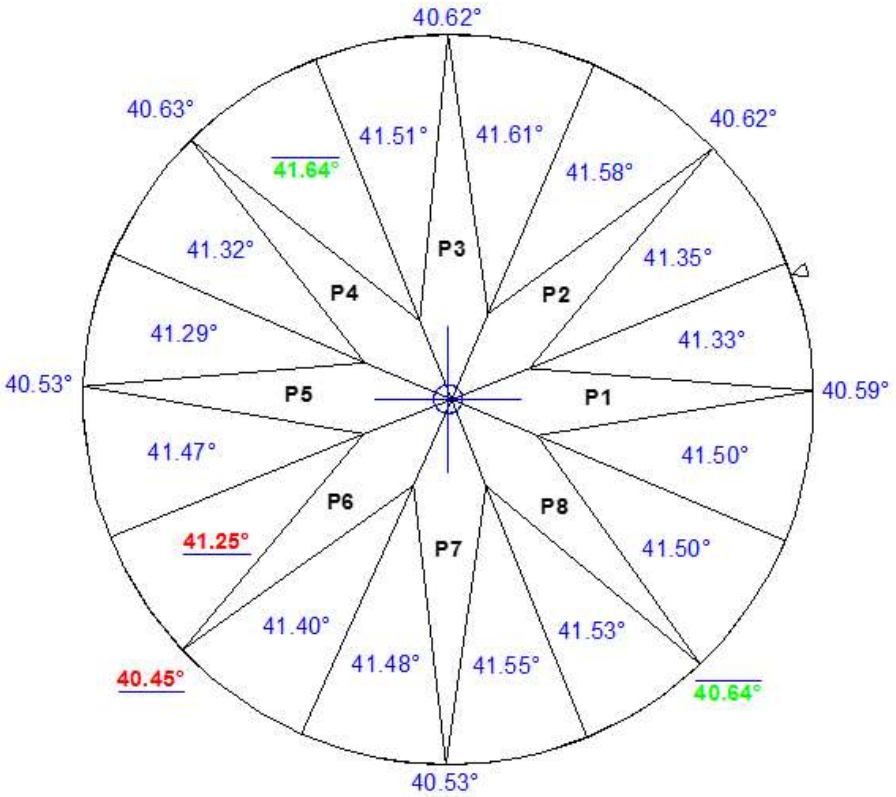
Radius-vector difference (mm)

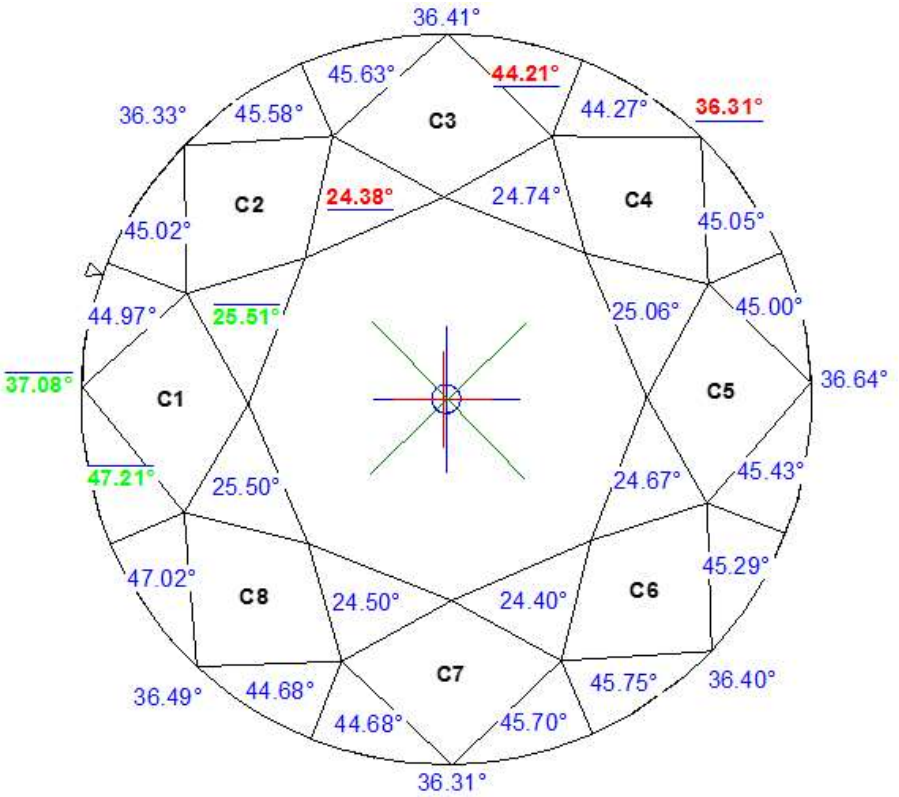


Reference girdle
Current girdle


Mass loss: -0.9723ct (Cur: 18.0578ct, Ref: 19.0301ct)
Diameter diff: 0.280 mm (Min: 0.244, Max: 0.306)
100 % (16.688mm)
-1.47% (min -1.83%)
0.81%
-0.38%
-0.29%
Length
Girdle
Facet
-3.28%
0.47%
Depth
Girdle
Facet
-3.44%
0.47°
-0.05°
Star
Ratio
9.70%
0.14%
0.199 mm

Re-Imagineering Solution of 19.03 Ct





Girdle center Culet center Table center Girdle center mass