

HELIUM ILLUSTRATED REPORT

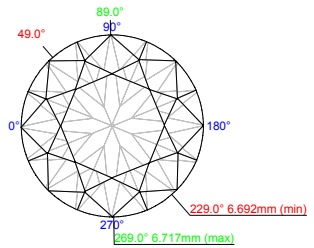
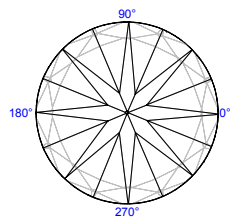
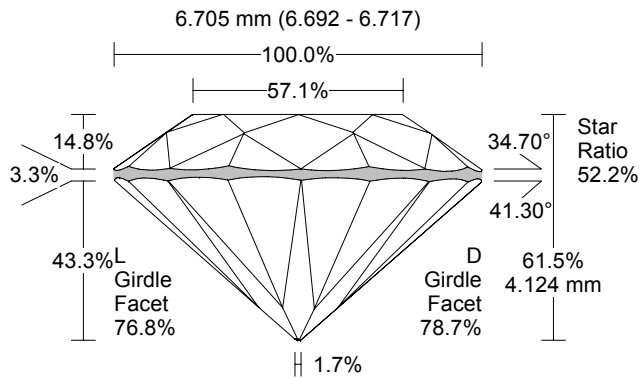
Polished Brilliant

Model
Expert name
Report date
Real weight, ct
Calculated weight, ct
Spread
Measurements, mm

Gauge
N/A
23.05.2006
1.14, 1.1423
-0.02 ct, -2.08%
6.705 (6.692-6.717) x 4.124 /0.003

Average values, mm

Crown height	Pavilion depth	Table	Culet	Girdle		
				Bezel	Bone	Valley
0.995	2.906	3.830	0.111	0.219	0.264	0.137



Appraiser title
Overall cut quality
Overall symmetry quality

GIA
G
GD

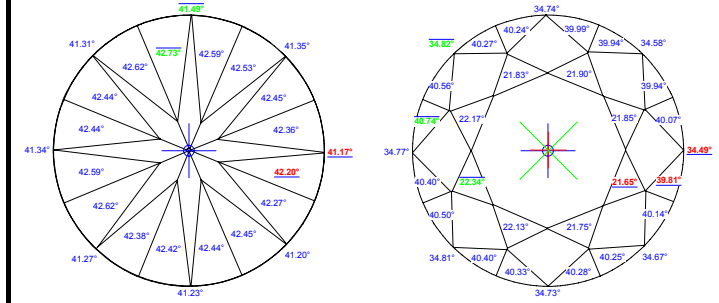
Symmetry	
Polish	
Color	
Clarity	
Fluorescence	

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	6.705	6.692	6.717	0.37%	N/A	EX
Crown angle, °	34.70	34.49	34.82	0.33	E-VG	EX
Pavilion angle, °	41.30	41.17	41.49	0.32	N/A	EX
Total height, %	61.51				N/A	-
Crown height, %	14.83	14.69	15.03	0.35	N/A	EX
Pavilion depth, %	43.33	43.07	43.57	0.50	E-VG	EX
Table, %	57.12	56.99	57.21	0.22	E-VG	EX
Upper girdle angle, °	40.24	39.81	40.74	0.93	-	EX
Star angle, °	21.95	21.65	22.34	0.69	-	EX
Lower girdle angle / Halves angle, °	42.47	42.20	42.73	0.53	-	EX
Star: Upper ratio, %	52.17: 47.83	50.48: 49.52	53.42: 46.58	2.93	-	-
Culet, %	1.65	1.46	1.76	0.30	N/A	EX
Twist, °	0.44	0.00	0.81	0.81	-	EX
Girdle Bezel, %	3.27	3.09	3.43	0.33	G	EX
Girdle Bone, %	3.94	3.82	4.07	0.25	-	EX
Girdle Valley, %	2.04	1.72	2.22	0.50	N/A	EX
Total height, mm	4.124				N/A	-
Crown height, mm	0.995	0.985	1.008	0.023	-	-
Pavilion depth, mm	2.906	2.888	2.922	0.034	-	-
Table, mm	3.830	3.821	3.836	0.015	-	-
Culet, mm	0.111	0.098	0.118	0.020	-	-
Girdle Bezel, mm	0.219	0.207	0.230	0.022	-	-
Girdle Bone, mm	0.264	0.256	0.273	0.017	-	-
Girdle Valley, mm	0.137	0.115	0.149	0.034	-	-

Measurement as per OctoNus theory:

Crown angle, °	34.70	34.63	34.75	0.11	-	-
Pavilion angle, °	41.30	41.25	41.36	0.11	-	-
Fish eye effect, °			10.11		N/A	
Culet through Crown Bezel, °			10.35		N/A	

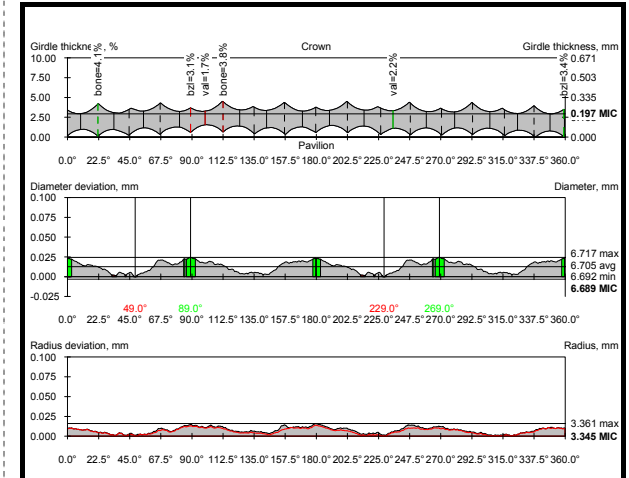
Azimuths deviation from ideal	1	2	3	4	5	6	7	8
Pavilion, °	0.00	-0.46	-0.16	0.14	0.31	0.46	0.40	0.35
Lower girdle facets / Pavilion	-0.35	-0.11	-0.53	-0.31	-0.31	-0.28	-0.07	0.33
Halves, °	0.17	0.45	0.60	0.61	0.80	0.75	0.11	0.04
Crown, °	-0.81	-0.67	-0.57	-0.48	-0.49	-0.08	0.39	0.46
Upper girdle facets, °	-2.76	2.31	-2.40	1.43	-3.46	2.03	-2.96	1.59
Star facets, °	-2.71	2.07	-2.71	2.57	-2.14	2.53	-1.55	0.95
	-0.25	-0.67	-0.32	-0.20	-0.43	0.80	0.96	0.43



Girdle-Culet offset (by table axis)	Girdle-Table Offset (by table axis)	Table-Culet Offset (by table axis)
0.28 ± 0.20, %	0.21 ± 0.17, %	0.25 ± 0.21, %
0.019 ± 0.013, mm	0.014 ± 0.012, mm	0.017 ± 0.014, mm

1	2	3	4	5	6	7	8
6.715	6.698	6.716	6.698				
34.77	34.82	34.74	34.58	34.49	34.67	34.73	34.81
41.17	41.35	41.49	41.31	41.34	41.27	41.23	41.20
15.03	14.88	14.85	14.69	14.77	14.70	14.88	14.89
43.07	43.25	43.57	43.43	43.57	43.31	43.27	43.21
56.99	57.18	57.21	57.09				
40.74	40.56	40.27	40.24	39.99	39.94	39.94	40.07
39.81	40.14	40.25	40.28	40.33	40.40	40.50	40.40
22.17	21.83	21.90	21.85	21.65	21.75	22.13	22.34
42.36	42.45	42.53	42.59	42.73	42.62	42.44	42.44
42.59	42.62	42.62	42.42	42.44	42.45	42.27	42.20
53.36:	51.81:	52.79:	50.48:	52.04:	52.57:	53.42:	50.88:
46.64	48.19	47.21	49.52	47.96	47.43	46.58	49.12
0.81	0.21	0.41	0.62	0.80	0.54	0.00	0.11
3.43	3.23	3.09	3.33	3.17	3.33	3.33	3.24
4.07	3.93	3.82	3.94	3.87	4.01	3.98	3.85
2.00	2.11	2.10	1.97	1.72	2.04	2.21	1.96
1.92	2.00	2.22	2.06	2.01	2.11	2.10	2.14
1.008	0.997	0.995	0.985	0.990	0.985	0.997	0.998
2.888	2.900	2.922	2.912	2.921	2.904	2.901	2.897
3.821	3.834	3.836	3.828				
0.230	0.217	0.207	0.223	0.213	0.223	0.223	0.217
0.273	0.263	0.256	0.264	0.260	0.269	0.267	0.258
0.134	0.141	0.141	0.132	0.115	0.137	0.148	0.131
0.128	0.134	0.149	0.138	0.135	0.141	0.141	0.143

34.63	34.75	34.74	34.69				
41.25	41.31	41.36	41.25				
Extra Facet / Nat	No						
Girdle to MIC, mm	0.003						



Girdle type	Digging (Gouging)
	-0.67, %
	-0.045, mm