

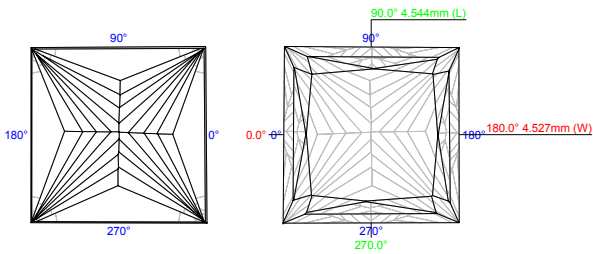
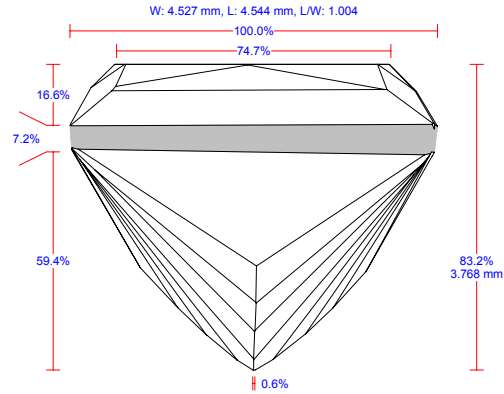
HELIUM ILLUSTRATED REPORT

Polished Prince

Model Simple
 Expert name Makoed A.G.
 Report date 28.11.2006
 Real weight, ct
 Calculated weight, ct 0.69, 0.6965
 Spread -0.20 ct, -40.79 %

Average values, mm

Width	Length	Total height	Crown height: Side	Pavilion height: Side	Table: Side	Girdle: Side	Culet
4.527	4.544	3.768	0.751	2.690	3.387	0.327	0.025



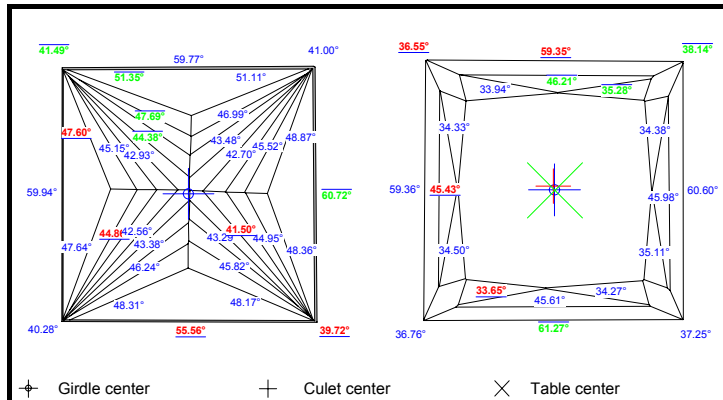
Appraiser title
 Overall cut quality
 Symmetry appraiser title
 Overall symmetry quality

AGA
 4A
 Internal
 GD

Color	
Clarity	
Polish	
Fluorescence	

Parameters	Avg	Min	Max	Dev	Cut	Sym
Corner width, %	140.92	140.69	141.14	0.45		
Crown height	16.58	16.46	16.70	0.24	3B	EX
Side, %	16.64	16.42	16.88	0.46		
Pavilion height	59.42	58.94	60.06	1.12	N/A	VG
Side, %	59.75	59.30	60.38	1.07		
Corner, %						
Total height, %	N/A				3B	
Table: Side, %	74.68	74.62	74.74	0.12	2B	EX
Table: Corn, %	68.93	68.84	69.01	0.17		
Corn w.r.t. Width, %	97.13	97.10	97.16	0.07		
Girdle Side, %	7.23	6.72	7.59	0.88		VG
Thickn. Corner, %	6.85	6.15	7.46	1.31		GD
Culet, %	0.56	0.29	0.66	0.37	N/A	EX
Corner width, mm	6.380	6.369	6.390	0.020		
Crown height Side, mm	0.751	0.745	0.756	0.011	3B	EX
Corner, mm	0.753	0.743	0.764	0.021		
Pavilion height Side, mm	2.690	2.668	2.719	0.051	N/A	VG
Corner, mm	2.705	2.685	2.733	0.049		
Table: Side, mm	3.387	3.378	3.396	0.018	2B	
Table: Corner, mm	4.397	4.396	4.399	0.003		
Girdle Side, mm	0.327	0.304	0.344	0.040		VG
Thickn. Corner, mm	0.310	0.279	0.338	0.059		GD
Culet, mm	0.025	0.013	0.030	0.017		EX

Facet angles, °	Avg	Min	Max	Dev	Cut	Sym
Crown Main 1	60.14	59.35	61.27	1.92		
Crown Main 2	45.81	45.43	46.21	0.78		
Crown Star 1	N/A	N/A	N/A	N/A		
Crown Star 2	34.43	33.65	35.28	1.63		
Crown Corner	37.18	36.55	38.14	1.59		
Pavilion Main	59.00	55.56	60.72	5.16		
Chevron 1	48.93	47.60	51.35	3.75		
Chevron 2	45.90	44.86	47.69	2.83		
Chevron 3	43.03	41.50	44.38	2.88		
Chevron 4	N/A	N/A	N/A	N/A		
Chevron 5	N/A	N/A	N/A	N/A		
Pavilion Corner	40.62	39.72	41.49	1.77		

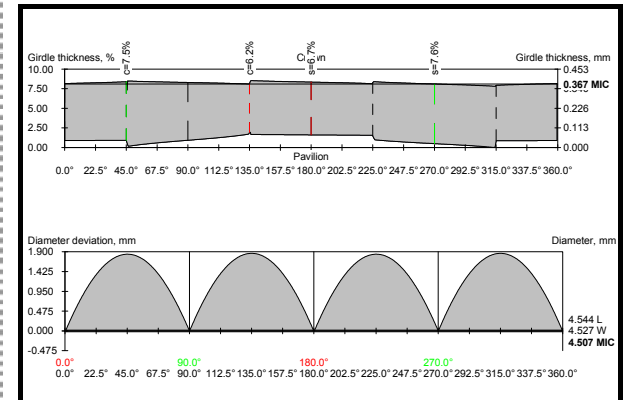


⊕ Girdle center ⊕ Culet center × Table center

Offset by table axis		
Girdle-Culet	1.51 ± 0.29, %	0.068 ± 0.013, mm
Girdle-Table	0.27 ± 0.25, %	0.012 ± 0.011, mm
Table-Culet	1.76 ± 0.31, %	0.080 ± 0.014, mm

1	2	3	4	Facet azimuth angles
141.14	140.69			134.97° 90.23° 90.75° 82.02° 45.11°
16.65	16.51	16.46	16.70	105.64° 105.21° 75.09° 114.35° 65.24° 75.40° 12.82°
16.42	16.71	16.56	16.88	160.21° 151.93° 28.73° 28.73° 28.73° 28.73°
59.33	59.37	60.06	58.94	179.88° 179.88° 179.88° 179.88° 179.88° 179.88°
59.36	60.38	59.95	59.30	192.54° 192.54° 192.54° 192.54° 192.54° 192.54°
74.62	74.74			222.53° 222.53° 222.53° 222.53° 222.53° 222.53°
68.84	69.01			269.42° 269.42° 269.42° 269.42° 269.42° 269.42°
97.16	97.10			312.82° 312.82° 312.82° 312.82° 312.82° 312.82°
7.26	7.36	6.72	7.59	48.90° 48.90° 48.90° 48.90° 48.90° 48.90°
7.46	6.15	6.73	7.06	85.13° 85.13° 85.13° 85.13° 85.13° 85.13°
6.390	6.369			90.48° 90.48° 90.48° 90.48° 90.48° 90.48°
0.754	0.748	0.745	0.756	175.57° 175.57° 175.57° 175.57° 175.57° 175.57°
0.743	0.756	0.750	0.764	180.06° 180.06° 180.06° 180.06° 180.06° 180.06°
2.686	2.688	2.719	2.668	305.15° 305.15° 305.15° 305.15° 305.15° 305.15°
2.687	2.733	2.714	2.685	279.91° 279.91° 279.91° 279.91° 279.91° 279.91°
3.378	3.396			270.18° 270.18° 270.18° 270.18° 270.18° 270.18°
4.399	4.396			265.83° 265.83° 265.83° 265.83° 265.83° 265.83°
0.329	0.333	0.304	0.344	317.56° 317.56° 317.56° 317.56° 317.56° 317.56°
0.338	0.279	0.305	0.319	228.51° 228.51° 228.51° 228.51° 228.51° 228.51°

1	2	3	4	5	6	7	8
59.36	59.35	60.60	61.27				
45.43	46.21	45.98	45.61				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34.33	33.94	35.28	34.38	35.11	34.27	33.65	34.50
36.55	38.14	37.25	36.76				
60.72	59.77	59.94	55.56				
48.87	51.11	51.35	47.60	47.64	48.31	48.17	48.36
45.52	46.99	47.69	45.15	44.86	46.24	45.82	44.95
42.70	43.48	44.38	42.93	42.56	43.38	43.29	41.50
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41.00	41.49	40.28	39.72				



L/W ratio	1.004
Corner width ratio	1.003
Extra Facet / Nat	No
Girdle to table-culet line offset	0.21 %, 0.009 mm