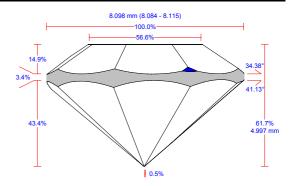
General information

Model Simple
Expert name Makoed A.G.
Report date 29.11.2006

Real weight, ct

Calculated weight, ct 2.08, 2.0851 Spread -0.11 ct, -5.73%



Main parameters

Parameter	Avg		Min	Max	Dev		
Diameter	mm	8.098	8.084	8.115	0.39 %, 0.032 mm		
Crown angle	0	34.38	33.93	34.66	0.73		
Crown height (Mains)	%	14.89	14.71	15.04	0.33		
Crown height (Mains)	mm	1.206	1.191	1.218	0.027		
Crown height (Upper girdle facets)	%	15.31	15.31	15.31	0.00		
Crown height (Upper girdle facets)	mm	1.240	1.240	1.240	0.000		
Upper girdle facets angle	0	39.63	39.63	39.63	0.00		
Upper girdle facets height	%	9.42	9.42	9.42	0.00		
Upper girdle facets height	mm	0.763	0.763	0.763	0.000		
Star facets angle	0	N/A	N/A	N/A	N/A		
Star:	%	N/A:	N/A:	N/A:	N/A		
Upper ratio	70	N/A	N/A	N/A	N/A		
Pavilion angle	0	41.13	40.95	41.34	0.39		
Pavilion depth (Mains)	%	43.43	43.01	43.92	0.90		
Pavilion depth (Mains)	mm	3.517	3.483	3.556	0.073		
Pavilion depth (Lower girdle facets)	%	43.05	43.05	43.05	0.00		
Pavilion depth (Lower girdle facets)	mm	3.486	3.486	3.486	0.000		
Lower girdle facets angle	0	40.71	40.71	40.71	0.00		
Lower girdle facets height	%	32.19	32.19	32.19	0.00		
Lower girdle facets height	mm	2.607	2.607	2.607	0.000		
Total height	%	61.71					
Total height	mm	4.997					
Table	%	56.62	56.13	56.93	0.80		
Table	mm	4.585	4.545	4.610	0.065		
Culet	%	0.49	0.42	0.57	0.16		
Culet	mm	0.040	0.034	0.046	0.013		
Twist	0	1.43	0.15	2.82	2.66		
Girdle thickness (Mains)	%	3.40	3.00	3.72	0.72		
Girdle thickness (Mains)	mm	0.275	0.243	0.301	0.058		
Girdle thickness (Upper/Lower g.f.)	%	4.61	4.30	4.92	0.62		
Girdle thickness (Upper/Lowe g.f.)	mm	0.373	0.348	0.398	0.050		
Girdle thickness (Crown Mains)	%	3.41	3.07	3.72	0.65		
Girdle thickness (Crown Mains)	mm	0.276	0.248	0.301	0.053		
Girdle thickness (Upper girdle facets)	%	4.30	4.30	4.30	0.00		
Girdle thickness (Upper girdle facets)	mm	0.348	0.348	0.348	0.000		
Girdle thickness (Pavilion Mains)	%	3.39	3.00	3.70	0.70		
Girdle thickness (Pavilion Mains)	mm	0.275	0.243	0.300	0.057		
Girdle thickness (Lower girdle facets)	%	4.92	4.92	4.92	0.00		
Girdle thickness (Lower girdle facets)	mm	0.398	0.398	0.398	0.000		

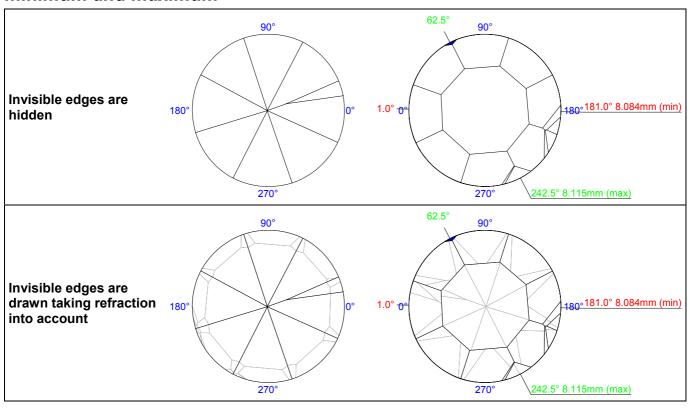
Offset	Distance, %	Distance, mm
Girdle-Culet offset by table axis	0.76 ± 0.24	0.004 ± 0.017
Girdle-Table offset by table axis	0.05 ± 0.22	0.062 ± 0.019
Culet-Table offset by table axis	0.76 ± 0.25	0.061 ± 0.021
Girdle to table-culet line offset	0.23	0.018

Culet shift ratio by main diameter				
Main diameter (avg)	8.098 mm, 100%			
Width-wise culet shift ratio	3.987 mm, 49.23 %	4.098 mm, 50.61 %		
Lengh-wise culet shift ratio	4.031 mm, 49.78 %	4.058 mm, 50.12 %		

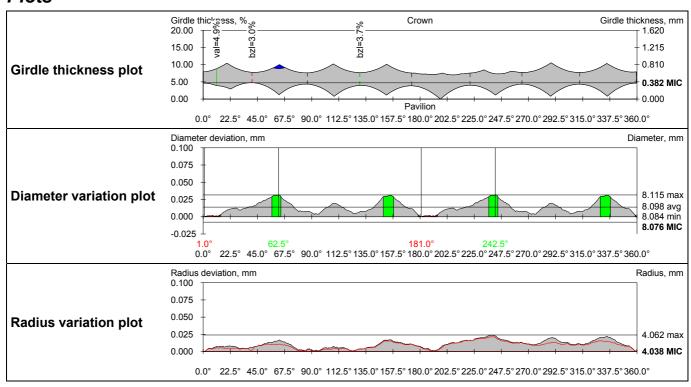
Detailed parameters

Parameter		1	2	3	4	5	6	7	8
Crown angle	0	34.29	34.24	34.55	34.66	34.58	34.53	33.93	34.28
Crown height (Mains)	%	14.71	14.81	14.95	14.88	15.02	15.04	14.83	14.86
Crown height (Mains)	mm	1.191	1.199	1.210	1.205	1.216	1.218	1.201	1.204
<u> </u>		15.31	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crown height (Upper girdle facets)	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		1.240	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crown height (Upper girdle facets)	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crown azimuth	0	357.2	42.3	85.5	130.4	175.1	219.2	265.1	312.0
		39.63	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper girdle facets angle	۰	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9.42	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper girdle facets height	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		0.763	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper girdle facets height	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		183.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper girdle facets azimuth	۰	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Star facets angle	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Star facets azimuth	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Star :	 	N/A :	N/A :	N/A:	N/A :	N/A:	N/A:	N/A :	N/A :
Upper ratio	%	N/A	N/A . N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion angle	0	40.97	41.05	41.08	41.13	41.22	41.28	41.34	40.95
Pavilion depth (Mains)	%	43.77	43.92	43.51	43.12	43.01	43.17	43.50	43.48
Pavilion depth (Mains)	mm	3.544	3.556	3.523	3.492	3.483	3.495	3.523	3.521
, , ,		43.05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion depth (Lower girdle facets)	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3.486	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion depth (Lower girdle facets)	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion azimuth	0	0.0	39.7	85.4	131.1	172.8	221.4	264.7	311.6
	۰	40.71	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lower girdle facets angle		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		32.19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lower girdle facets height	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		2.607	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lower girdle facets height	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	۰	10.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lower girdle facets azimuth		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crown azimuth deviation from ideal	0	-2.82	-2.71	-4.48	-4.62	-4.93	-5.77	-4.89	-3.00
Upper girdle facets azimuth deviation	0	172.33	N/A	N/A	N/A	N/A	N/A	N/A	N/A
from ideal	_	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Star facets azimuth deviation from	۰	NI/A	N1/A	N1/A	N1/A	N1/A	N1/A	N1/A	
ideal		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion azimuth deviation from ideal	٥	0.00	-5.34	-4.63	-3.89	-7.16	-3.60	-5.25	-3.37
Lower girdle facets azimuth deviation	0	-0.90	N/A	N/A	N/A	N/A	N/A	N/A	N/A
from ideal		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Table	%	56.93	56.13	56.82	N/A				
Table	mm	4.610	4.545	4.601	N/A				
Twist	۰	2.82	2.63	0.15	0.73	2.24	2.17	0.36	0.38
Girdle thickness (Crown Mains)	%	3.25	3.07	3.25	3.70	3.72	3.53	3.37	3.36
Girdle thickness (Crown Mains)	mm	0.263	0.248	0.263	0.300	0.301	0.286	0.273	0.272
Girdle thickness (Upper girdle facets)	%	4.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Girdle thickness (Upper girdle facets)	mm	0.348	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Girdle thickness (Pavilion Mains)	%	3.26	3.00	3.25	3.70	3.68	3.52	3.37	3.37
Girdle thickness (Pavilion Mains)	mm	0.264	0.243	0.263	0.300	0.298	0.285	0.273	0.273
Girdle thickness (Lower girdle facets)	%	4.92	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Girdle trickriess (Lower girdle racets)	<u> </u>								
Girdle thickness (Lower girdle facets)	mm	0.398	N/A	N/A	N/A	N/A	N/A	N/A	N/A

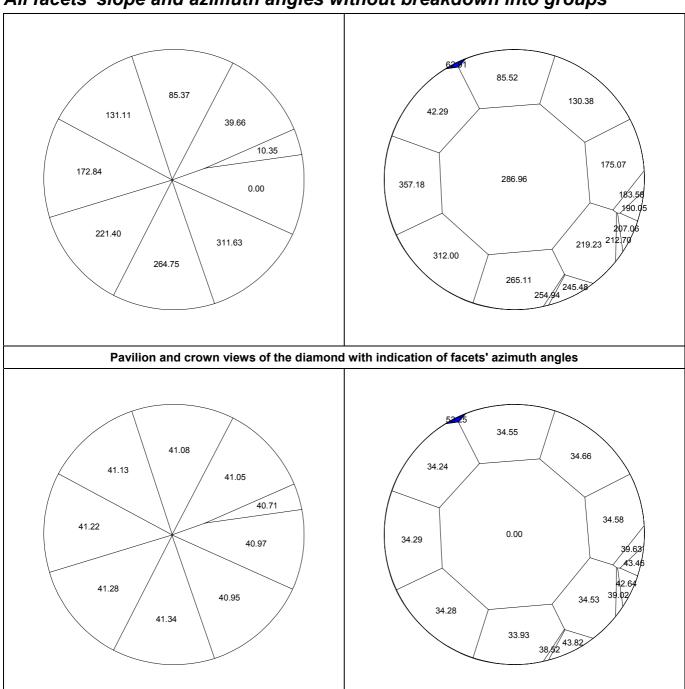
Pavilion and crown views of the diamond with indication of the diameter minimum and maximum



Plots

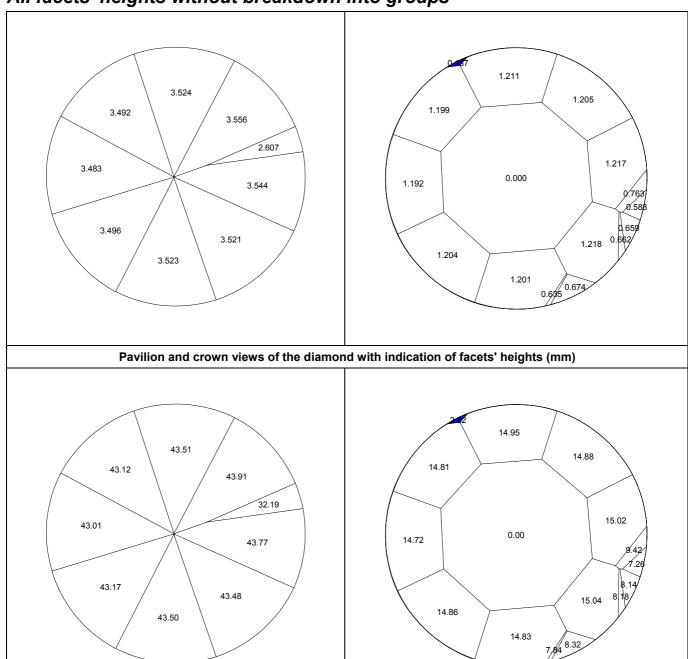


All facets' slope and azimuth angles without breakdown into groups



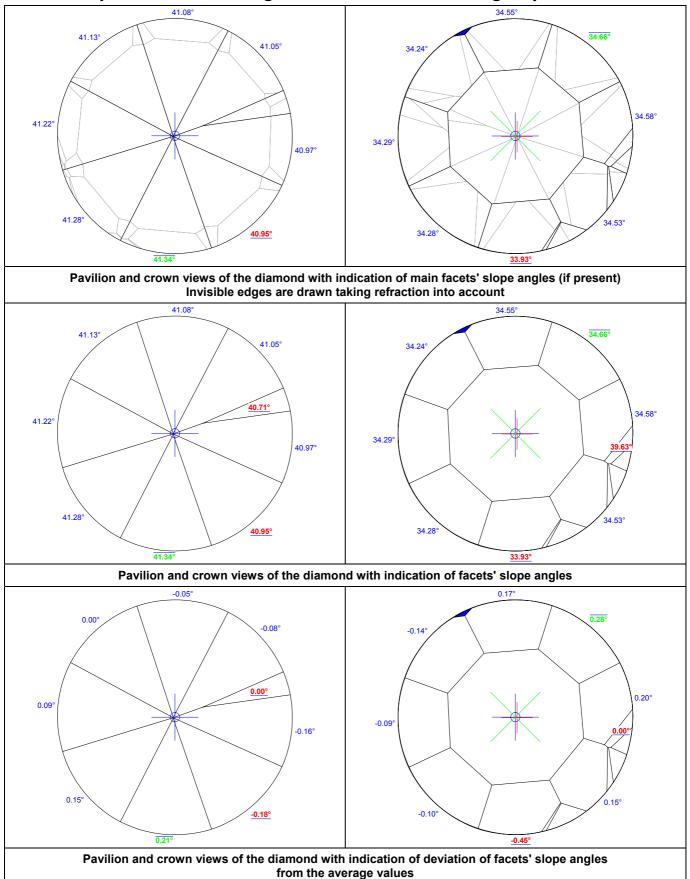
Pavilion and crown views of the diamond with indication of facets' slope angles

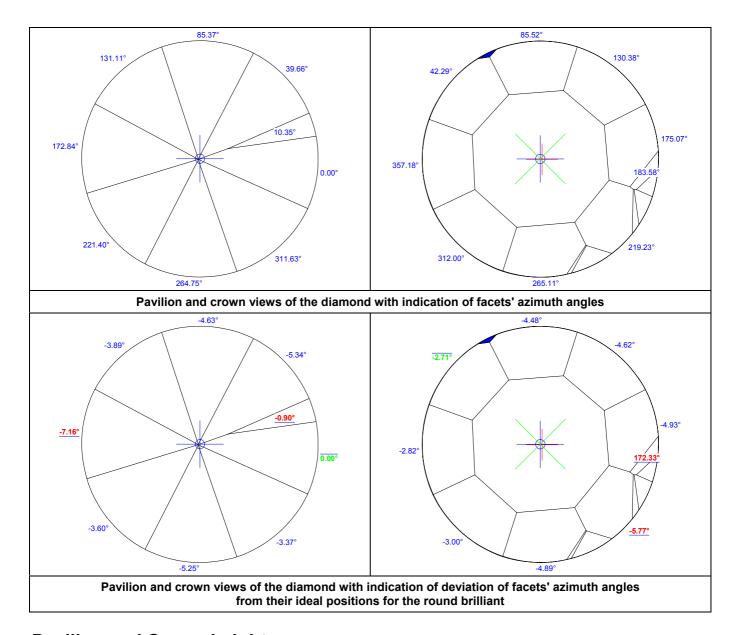
All facets' heights without breakdown into groups



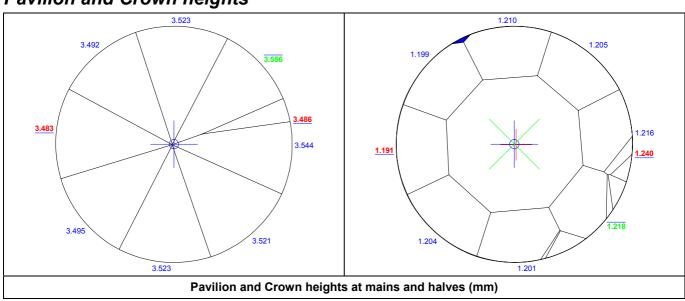
Pavilion and crown views of the diamond with indication of facets' heights (%)

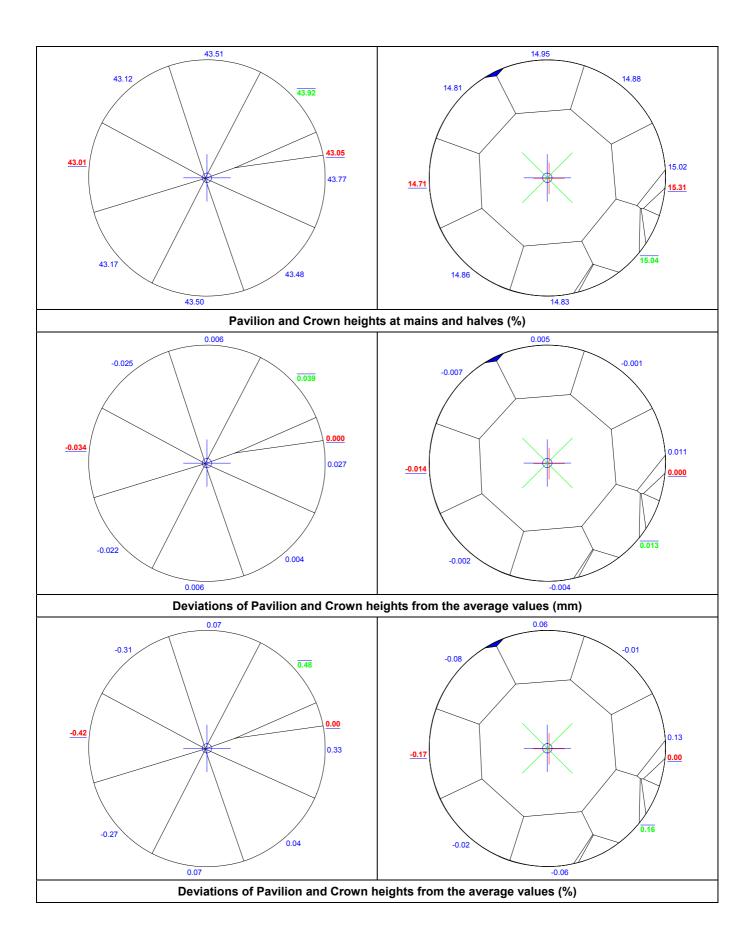
Facets' slope and azimuth angles with breakdown into groups





Pavilion and Crown heights





Additional illustrations

