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General information

ModelSimpleExpert nameMakoed A.G.Report date24.05.2006

Real weight, ct

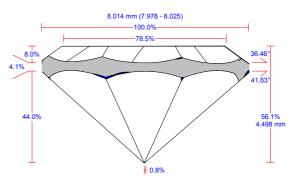
 Calculated weight, ct
 1.86, 1.8673

 Total height
 4.498 mm, 56.13 %

 Spread
 0.05 ct, 2.41%

Girdle-Culet offset (by table axis) $0.75 \pm 0.20 \%, 0.072 \pm 0.013 \text{ mm}$ Girdle-Table offset (by table axis) $0.90 \pm 0.17 \%, 0.060 \pm 0.016 \text{ mm}$ Culet-Table offset (by table axis) $0.36 \pm 0.21 \%, 0.029 \pm 0.017 \text{ mm}$

Girdle to table-culet line offset 0.87 %, 0.069 mm



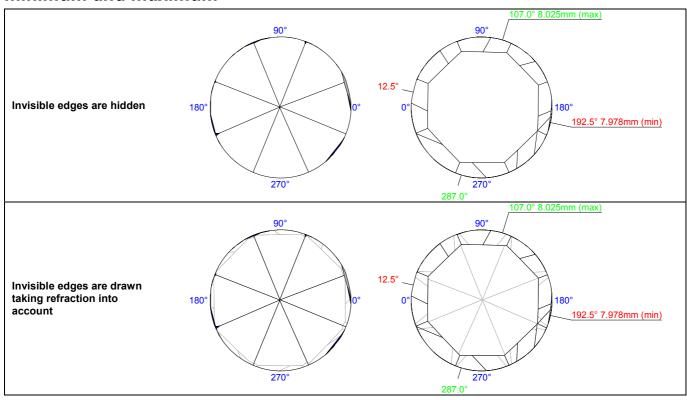
Main parameters

Parameter		Avg	Min	Max	Dev		
Diameter	mm	8.014	7.978	8.025	0.59 %, 0.047 mm		
Crown angle	0	36.46	35.62	37.47	1.85		
Crown height (Mains)	%	7.95	6.88	8.99	2.12		
Crown height (Mains)	mm	0.637	0.551	0.721	0.170		
Crown height (Upper girdle facets)	%	7.61	7.30	7.92	0.62		
Crown height (Upper girdle facets)	mm	0.610	0.585	0.635	0.049		
Upper girdle facets angle	0	45.14	44.97	45.31	0.34		
Upper girdle facets height	%	7.60 7.28 7.92		7.92	0.64		
Upper girdle facets height	mm	0.609	0.584	0.635	0.051		
Star facets angle	0	N/A	N/A	N/A	N/A		
Star:	%	N/A:	N/A:	N/A:	N/A		
Upper ratio		N/A	N/A	N/A			
Pavilion angle	0	41.63	40.87	42.20	1.33		
Pavilion depth (Mains)	%	44.04	43.33	44.53	1.21		
Pavilion depth (Mains)	mm	3.529	3.472	3.569	0.097		
Pavilion depth (Lower girdle facets)	%	N/A	N/A	N/A	N/A		
Pavilion depth (Lower girdle facets)	mm	N/A	N/A	N/A	N/A		
Lower girdle facets angle	0	N/A	N/A	N/A	N/A		
Lower girdle facets height	%	N/A	N/A	N/A	N/A		
Lower girdle facets height	mm	N/A	N/A	N/A	N/A		
Table	%	78.49	78.27	78.68	0.41		
Table	mm	6.290	6.272	6.305	0.033		
Culet	%	0.78	0.60	0.89	0.29		
Culet	mm	0.063	0.048	0.071	0.023		
Twist	0	0.47	0.01	1.41	1.41		
Girdle thickness (Mains)	%	4.09	3.44	5.63	2.19		
Girdle thickness (Mains)	mm	0.327	0.276	0.451	0.175		
Girdle thickness (Upper/Lower g.f.)	%	6.30	5.35	7.25	1.90		
Girdle thickness (Upper/Lowe g.f.)	mm	0.505	0.429	0.581	0.152		
Girdle thickness (Crown Mains)	%	4.25	3.44	5.63	2.19		
Girdle thickness (Crown Mains)	mm	0.340	0.276	0.451	0.175		
Girdle thickness (Upper girdle facets)	%	6.30	5.35	7.25	1.90		
Girdle thickness (Upper girdle facets)	mm	0.505	0.429	0.581	0.152		
Girdle thickness (Pavilion Mains)	%	3.93	3.44	4.54	1.09		
Girdle thickness (Pavilion Mains)	mm	0.315	0.276	0.364	0.088		
Girdle thickness (Lower girdle facets)	%	N/A	N/A	N/A	N/A		
Girdle thickness (Lower girdle facets)	mm	N/A	N/A	N/A	N/A		

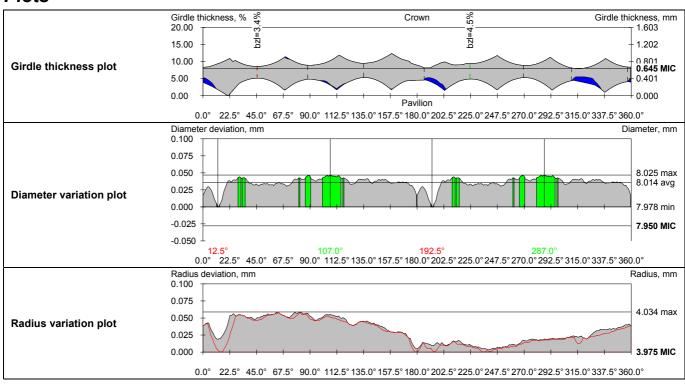
Detailed parameters

Parameter		1	2	3	4	5	6	7	8
Crown angle	0	36.43	36.62	37.20	36.36	35.75	35.62	36.24	37.47
Crown height (Mains)	%	8.56	8.35	7.99	7.43	6.88	7.50	7.93	8.99
Crown height (Mains)		0.686	0.669	0.641	0.595	0.551	0.601	0.635	0.721
Crown neight (Mains)	mm						N/A		N/A
Crown height (Upper girdle facets)	%	7.92	7.30	N/A	N/A	N/A		N/A	
,		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crown height (Upper girdle facets)	mm	0.635	0.585	N/A	N/A	N/A	N/A	N/A	N/A
	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crown azimuth	, i	359.7	45.7	90.8	135.0	180.8	225.8	269.7	316.0
Upper girdle facets angle	0	44.97	45.31	N/A	N/A	N/A	N/A	N/A	N/A
apper gridio idooto dirigio		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper girdle facets height	%	7.92	7.28	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
Upper girdle facets height	mm	0.635	0.584	N/A	N/A	N/A	N/A	N/A	N/A
	111111	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper girdle facets azimuth	0	213.8	194.8	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
Star facets angle	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Star facets azimuth	٥	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Star :	0.4	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
Pavilion angle	0	40.87	41.72	41.82	42.20	42.00	41.71	41.70	40.99
Pavilion depth (Mains)	%	43.33	44.34	44.04	44.53	43.81	44.11	44.53	43.62
Pavilion depth (Mains)	mm	3.472	3.553	3.530	3.569	3.511	3.535	3.569	3.496
, ,		N/A	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
		N/A	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						1		
Pavillon azimutn		0.0 N/A	45.9 N/A	90.8 N/A	135.7	180.4	225.3 N/A	270.0	314.6 N/A
Lower girdle facets angle	0				N/A	N/A		N/A	
		N/A	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
	, ,	N/A	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
20Wor girdio radote riolgrit		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lower girdle facets azimuth	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lower girdie racets azimutii		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crown azimuth deviation from ideal	0	-0.27	0.66	0.75	0.03	0.78	0.80	-0.29	0.99
Upper girdle facets azimuth deviation	0	-157.42	161.05	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	0	N1/A							
ideal	_	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion azimuth deviation from ideal	0	0.00	0.85	0.76	0.67	0.38	0.26	0.05	-0.43
Lower girdle facets azimuth deviation	۰	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
from ideal	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Table	%	78.54	78.27	78.68	78.47				
Table	mm	6.294	6.272	6.305	6.288				
Twist	0	0.27	0.20	0.01	0.64	0.40	0.54	0.34	1.41
Girdle thickness (Crown Mains)	%	4.52	3.44	4.09	4.17	5.63	4.53	3.81	3.78
Girdle thickness (Crown Mains)	mm	0.362	0.276	0.328	0.334	0.451	0.363	0.305	0.303
Girdle thickness (Upper girdle facets)	%	5.35	7.25	0.326 N/A	0.334 N/A	N/A	N/A	N/A	0.303 N/A
			• • • • • • • • • • • • • • • • • • • •						
	+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Girdle thickness (Upper girdle facets)	mm	0.429	0.581	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
Girdle thickness (Pavilion Mains)	%	4.29	3.44	4.11	4.18	3.57	4.54	3.55	3.72
Girdle thickness (Pavilion Mains)	mm	0.344	0.276	0.329	0.335	0.286	0.364	0.285	0.298
Girdle thickness (Lower girdle facets)	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	/0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Girdle thickness (Lower girdle facets)	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Girdie trickriess (Lower girdie facets)	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

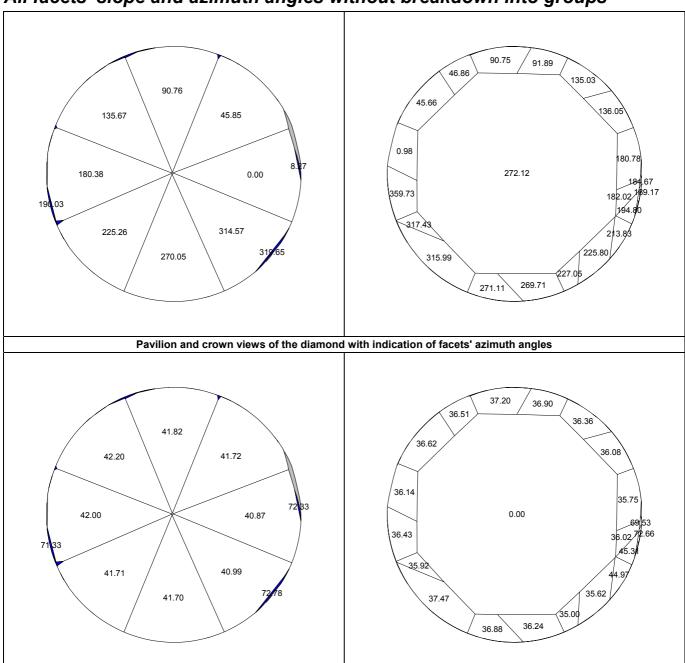
Pavilion and crown views of the diamond with indication of the diameter minimum and maximum



Plots

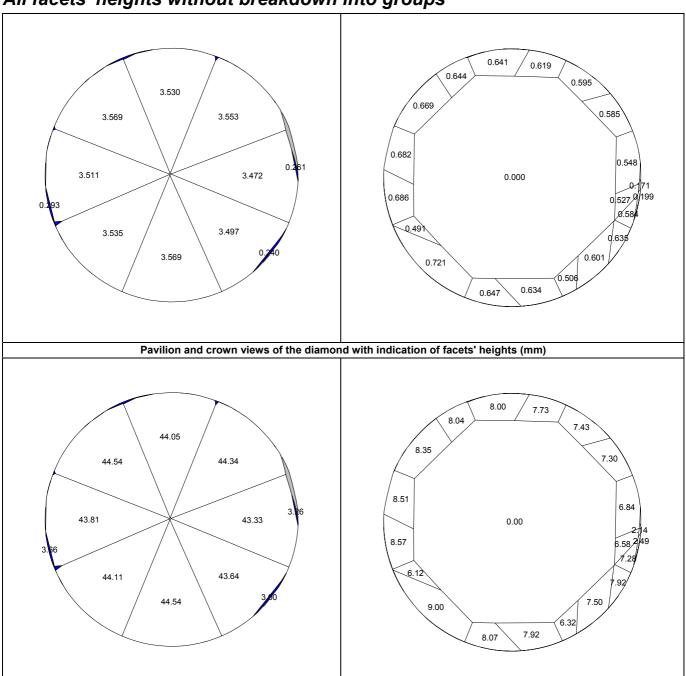


All facets' slope and azimuth angles without breakdown into groups



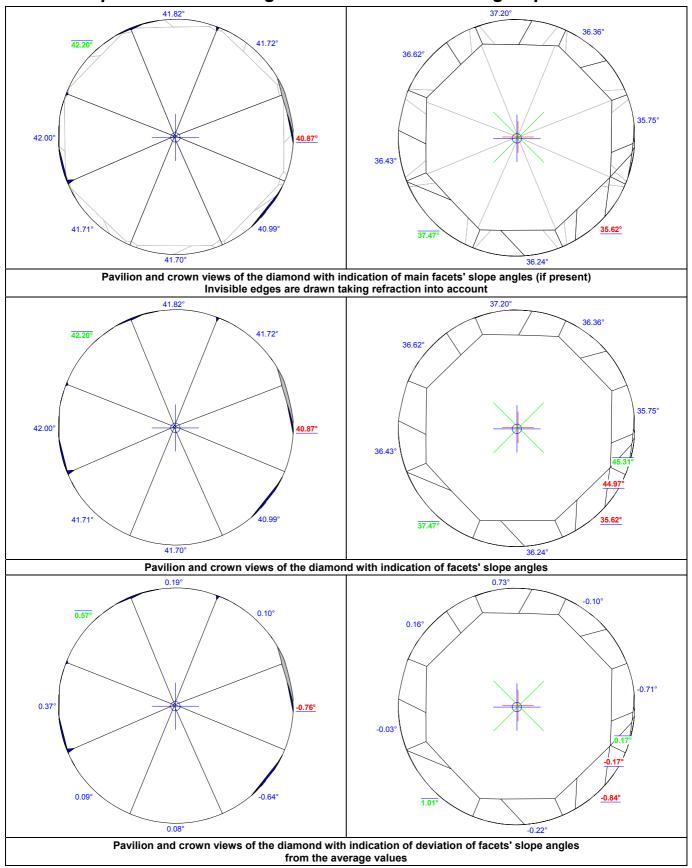
Pavilion and crown views of the diamond with indication of facets' slope angles

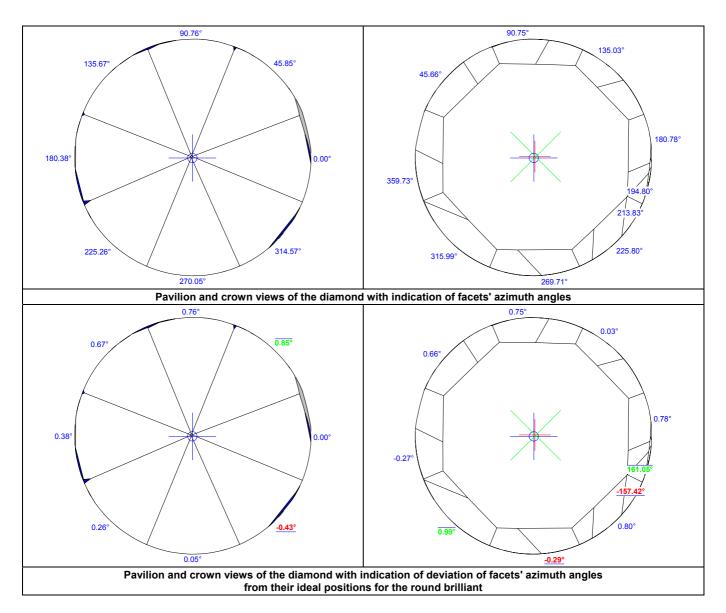
All facets' heights without breakdown into groups



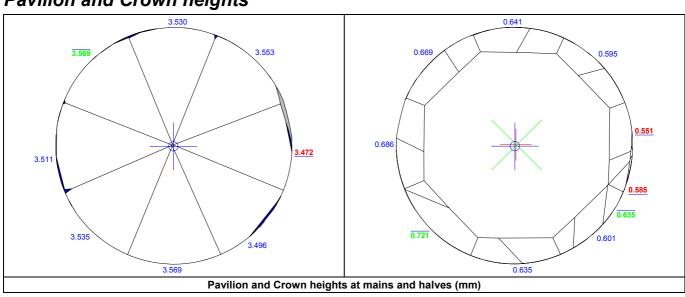
Pavilion and crown views of the diamond with indication of facets' heights (%)

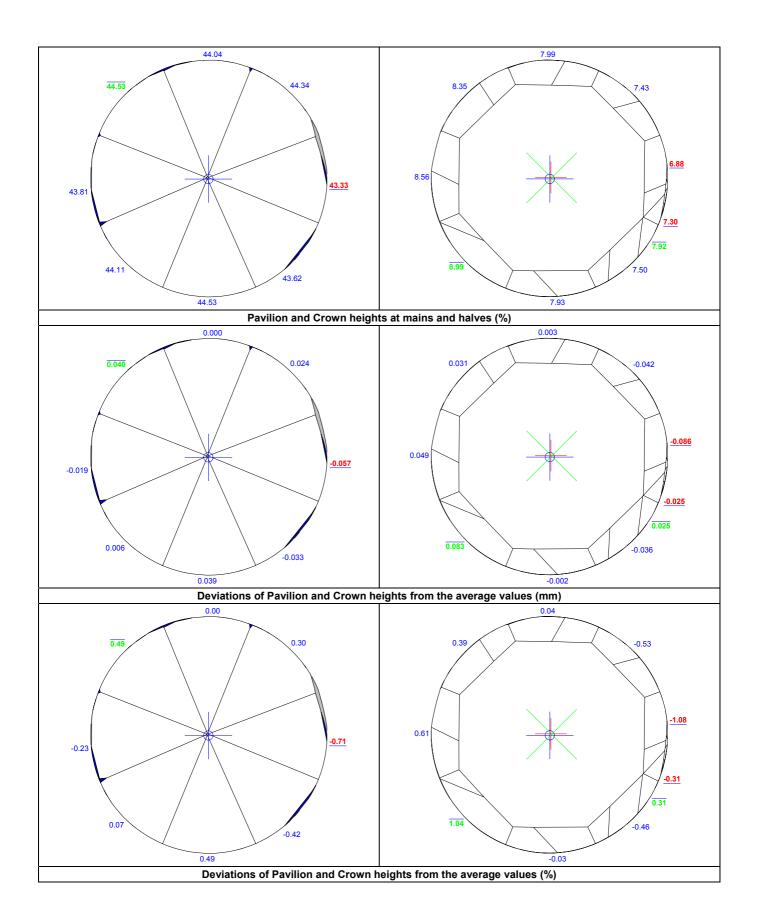
Facets' slope and azimuth angles with breakdown into groups





Pavilion and Crown heights





Additional illustrations

