PXL Polish

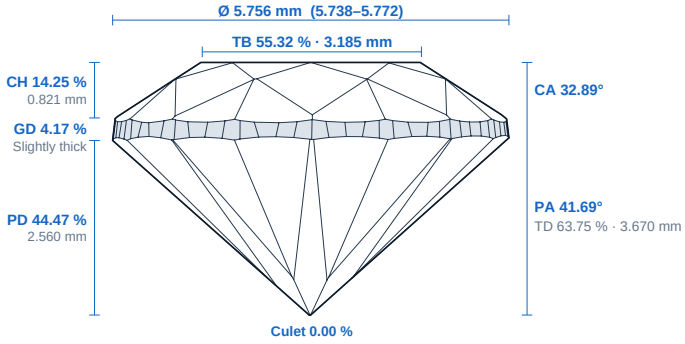
STONE ID
09102026152803
Captured 2026-10-09 15:34:46 · Report 16.10.2026 01:41

FINAL	CUT (PROP.)	SYMMETRY	10 SYM PARAMS
VG	VG	VG	EX
Very Good	Very Good	Very Good	Excellent

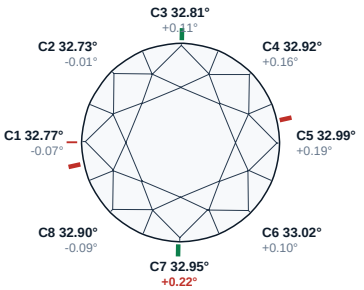
MEASUREMENTS	WEIGHT	TABLE · POINT TO POINT	TOTAL DEPTH
5.756 (5.738–5.772) × 3.670 mm	0.757 ct	55.32 % · 3.185 mm	63.75 % · 3.670 mm
CROWN	**PAVILION**	**GIRDLE**	**CULET**
32.89° · 14.25 %	41.69° · 44.47 %	4.17 % · Slightly thick	0.00 %

Very Good overall — proportions Very Good, symmetry Very Good. 5 parameters are holding it there: Total depth, Girdle at valley, Pavilion depth, Girdle at bezel, Girdle at bone.

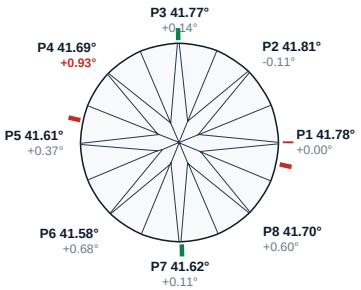
PROFILE % of average diameter · mm



CROWN angle · az. dev.



PAVILION angle · az. dev.



Crown from the table, C1 left · pavilion from the culet, P1 right · worst az. dev. in red · **min Ø 5.738 mm** at 167.5° · **max Ø 5.772 mm** at 91.0°

Parameter	Avg	Min	Max	Dev	Cut	Sym	1	2	3	4	5	6	7	8
Diameter, mm	**5.756**	5.738	5.772	0.035		EX	5.758	5.766	5.771	5.768				
Radius from the axis, %	—	49.44	50.41	0.97			49.74	49.75	49.99	50.22	50.28	50.40	50.27	49.98
Crown angle, °	**32.89**	32.73	33.02	0.29	EX	EX	32.77	**32.73**	32.81	32.92	32.99	**33.02**	32.95	32.90
Pavilion angle, °	**41.69**	41.58	41.81	0.24	EX	EX	41.78	**41.81**	41.77	41.69	41.61	**41.58**	41.62	41.70
Crown height, %	**14.25**	14.11	14.43	0.32	EX	EX	14.30	14.18	**14.11**	14.16	14.18	14.31	**14.43**	14.35
Crown height at bone, %	**14.19**	14.00	14.35	0.35			14.11	**14.00**	14.13	14.07	14.28	**14.35**	14.34	14.26
Crown height at valley, %	**15.00**	14.78	15.20	0.42			14.98	14.97	**14.78**	14.87	14.84	14.93	14.87	14.93	14.96	**15.20**	15.08	15.19	15.10	15.11	15.04	15.09
Pavilion depth, %	**44.47**	44.12	44.78	0.66		VG	**44.78**	44.78	44.62	44.34	**44.12**	44.18	44.32	44.59
Pavilion depth at bone, %	**44.39**	44.09	44.77	0.68			**44.77**	44.60	44.45	44.16	**44.09**	44.16	44.31	44.54
Pavilion depth at valley, %	**45.11**	44.75	45.41	0.66			45.38	**45.41**	45.35	45.27	45.21	45.10	44.94	44.80	**44.75**	45.05	44.87	45.00	45.05	45.11	45.19	45.31
Total depth, %	**63.75**	—	—	—	VG									
Table, point to point, %	**55.32**	55.20	55.42	0.21	EX	EX	**55.20**	**55.42**	55.32	55.35				
Table, facet to facet, %	**51.17**	51.12	51.26	0.14										
Culet, %	**0.00**	—	—	—	EX									
Girdle at bezel, %	**5.11**	4.73	5.52	0.79		VG	**4.73**	4.95	5.16	5.33	**5.52**	5.27	5.01	4.92
Girdle at bone, %	**5.17**	4.86	5.52	0.65		VG	**4.86**	5.14	5.16	**5.52**	5.38	5.23	5.10	4.95
Girdle at valley, %	**3.64**	3.34	4.03	0.69	VG	EX	3.39	3.36	3.62	3.61	3.70	3.71	3.94	4.02	**4.03**	3.50	3.80	3.56	3.60	3.53	3.52	**3.34**
Girdle under crown mains, %	**5.07**	4.72	5.50	0.78			**4.72**	4.79	5.12	5.23	**5.50**	5.27	5.01	4.92
Girdle under pavilion mains, %	**5.05**	4.73	5.50	0.77			**4.73**	4.79	5.12	5.33	**5.50**	5.18	5.01	4.76
Girdle under upper halves, %	**3.66**	3.37	4.04	0.67			3.42	3.38	3.62	3.63	3.73	3.73	3.96	4.02	**4.04**	3.54	3.83	3.59	3.63	3.56	3.54	**3.37**
Girdle under lower halves, %	**3.66**	3.37	4.04	0.67			3.42	3.38	3.62	3.63	3.73	3.73	3.96	4.02	**4.04**	3.51	3.81	3.56	3.65	3.55	3.54	**3.37**
Girdle facet angle, °	**83.07**	82.93	83.24	0.32			83.02	**82.93**	82.98	83.08	83.18	**83.24**	83.16	82.97
Star length, %	**46.85**	46.32	47.82	1.50	EX	EX	46.69	**47.82**	47.50	47.31	46.45	46.35	**46.32**	46.32
Upper half length, %	**53.15**	52.18	53.68	1.50			53.31	**52.18**	52.50	52.69	53.55	53.65	**53.68**	53.68
Star angle, °	**20.13**	19.96	20.29	0.34		EX	**19.96**	20.03	20.10	20.13	20.29	**20.29**	20.18	20.10
Upper half angle, °	**39.39**	39.22	39.61	0.39		EX	39.26	39.29	**39.22**	39.32	39.32	39.45	39.42	39.54	**39.61**	39.37	39.43	39.52	39.34	39.42	39.35	39.31
Lower half angle, °	**42.81**	42.67	42.94	0.27		EX	42.89	**42.94**	42.91	42.92	42.86	42.85	42.79	42.74	**42.67**	42.68	42.68	42.72	42.75	42.78	42.85	42.88
Lower half depth, %	**79.69**	77.91	83.39	5.48			80.27	81.17	78.96	79.13	80.71	80.71	**77.91**	80.22	78.29	**83.39**	78.02	79.83	80.18	78.78	78.31	79.18
Lower half length, %	**78.01**	75.69	81.24	5.56	EX	VG	79.56	80.46	77.65	77.82	78.82	78.82	**75.69**	77.94	76.02	**81.24**	75.86	77.72	78.38	77.03	77.10	77.99
Facet twist, °	**0.32**	0.04	0.77	0.73		EX	0.07	0.10	**0.04**	**0.77**	0.18	0.58	0.11	0.69
Azimuth deviation from ideal	mean |x|	min	max	dev										+ clockwise · 16-facet rows: odd | even
Pavilion mains, °	**0.37**	-0.11	+0.93	1.04		EX	+0.00	**-0.11**	+0.14	**+0.93**	+0.37	+0.68	+0.11	+0.60
Lower halves, °	**0.35**	-0.17	+0.73	0.90		EX	-0.00	**-0.17**	-0.04	+0.22	+0.41	+0.53	+0.64	+0.52	+0.37	+0.28	+0.34	+0.29	**+0.73**	+0.70	+0.32	+0.06
Crown mains, °	**0.12**	-0.09	+0.22	0.30		EX	-0.07	-0.01	+0.11	+0.16	+0.19	+0.10	**+0.22**	**-0.09**
Upper halves, °	**0.18**	-0.01	+0.37	0.38		EX	+0.10	+0.19	+0.12	+0.23	+0.28	+0.16	+0.32	+0.27	**+0.37**	+0.18	+0.06	+0.16	**-0.01**	+0.10	+0.14	+0.13
Stars, °	**0.25**	-0.30	+0.44	0.74		EX	-0.22	-0.04	+0.35	+0.11	+0.37	-0.13	**+0.44**	**-0.30**
Painting (+) / digging (-)	avg	min	max	dev										Crown: Absent	Pavilion: Absent
Crown painting / digging, °	**+0.00**	-0.23	+0.23	0.46		EX	-0.17	+0.20	-0.13	+0.12	-0.17	+0.01	-0.16	+0.09	-0.18	+0.08	+0.04	-0.06	+0.23	+0.19	-0.23	+0.20
Pavilion painting / digging, °	**-0.02**	-0.63	+0.34	0.96		EX	+0.00	-0.06	-0.07	+0.08	-0.26	-0.39	+0.29	+0.15	-0.01	-0.40	+0.34	+0.18	-0.63	+0.10	+0.28	+0.06
Junction points, µm	mean |d|	min	max	dev										0 = pointed · grey: inside 4 µm resolution
Table corners, µm	**9**	-22	+4	25			0	0	-10	-21	+4	-12	+2	**-22**
Star tips, µm	**22**	-40	+25	65			-27	+13	+21	+15	**+25**	**-40**	-13	-23
Crown mains at girdle, µm	**73**	-110	-33	78			-97	-74	**-33**	-46	-52	-71	**-110**	-99
Pavilion mains at girdle, µm	**26**	0	+53	53			0	**+53**	+52	+40	0	+22	+29	+16
Lower-half tips, µm	**61**	-52	+201	253			+34	+7	0	+88	**+201**	+71	**-52**	+34

SYMMETRY — TEN MEASURED PARAMETERS

limits: GIA · ~ on a grade boundary

Parameter	Now	measured	EX · VG · G limits	aim	Grade
Out-of-round OR	**0.6 %**	0.60	0.9 · 1.8 · 3.6	<= 0.7	EX
Table off-center T/oc	**0.1 %**	0.09	0.6 · 1.2 · 2.4	<= 0.5	EX
Culet off-center C/oc	**0.2 %**	0.17	0.6 · 1.2 · 2.4	<= 0.5	EX
Table/culet alignment T/C	**0.2 %**	0.19	0.9 · 1.8 · 3.6	<= 0.7	EX
Crown height variation CHV	**0.3 %**	0.32	1.2 · 2.4 · 4.8	<= 1.0	EX
Crown angle variation CV	**0.3°**	0.29	1.2 · 2.4 · 4.8	<= 1.0	EX
Pavilion depth variation PDV	**0.7 %**	0.66	1.2 · 2.4 · 4.8	<= 1.0	EX
Pavilion angle variation PV	**0.2°**	0.24	0.9 · 1.8 · 3.6	<= 0.7	EX
Girdle thickness variation GTV	**0.8 %**	0.79	1.2 · 2.4 · 4.8	<= 1.0	EX
Table size variation T/oct	**0.2 %**	0.21	1.2 · 2.4 · 4.8	<= 1.0	EX

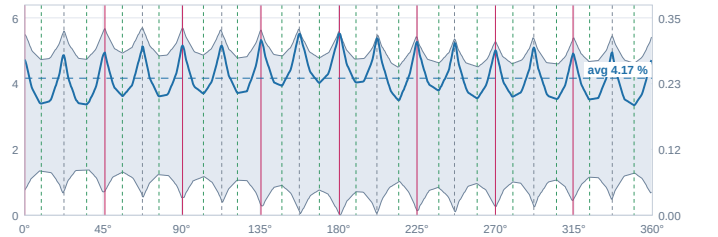
Centring **T/oc** 0.1 % at 100.5° = 5.0 µm · **C/oc** 0.2 % at 188.0° = 9.8 µm · **T/C** 0.2 % = 10.8 µm

NOT YET EXCELLENT worst first

Total depth proportion	63.75 %	0.75 % outside	VG
Pavilion depth spread (max - min)	0.66 %	+0.11 % over	VG
Lower half length spread (max - min)	5.56 %	+1.56 % over	VG
Girdle at bezel spread (max - min)	0.79 %	+0.29 % over	VG
Girdle at bone spread (max - min)	0.65 %	+0.10 % over	VG
Girdle at valley proportion	3.64 %	0.64 % outside	VG

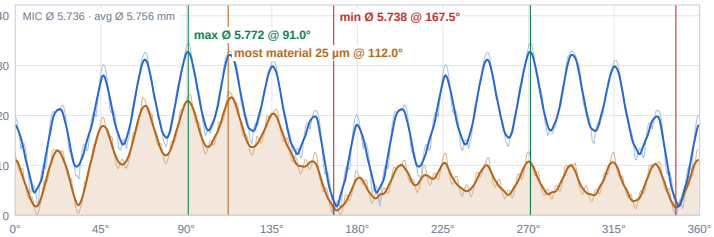
GIRDLE THICKNESS

band · thickness · bezel · bone · valley



ROUNDNESS, µM

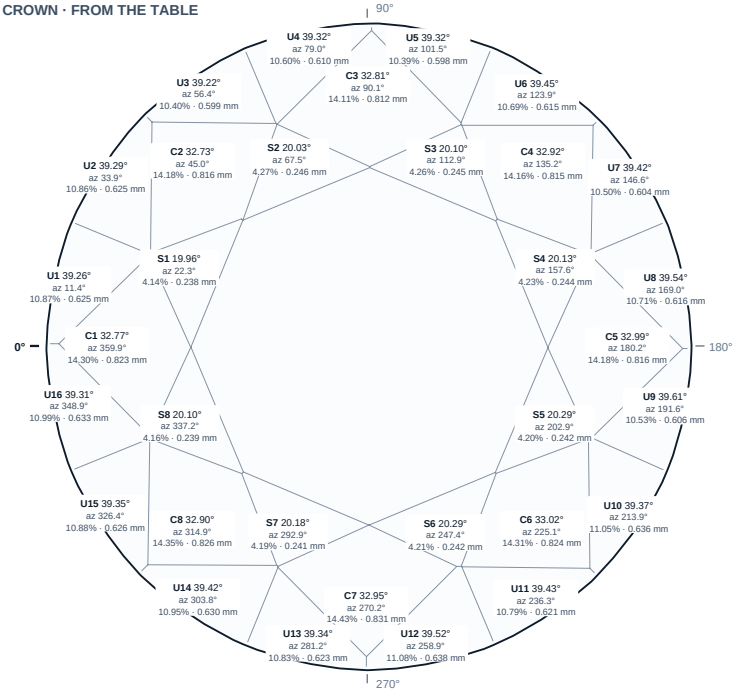
radius outside MIC · diameter over min Ø



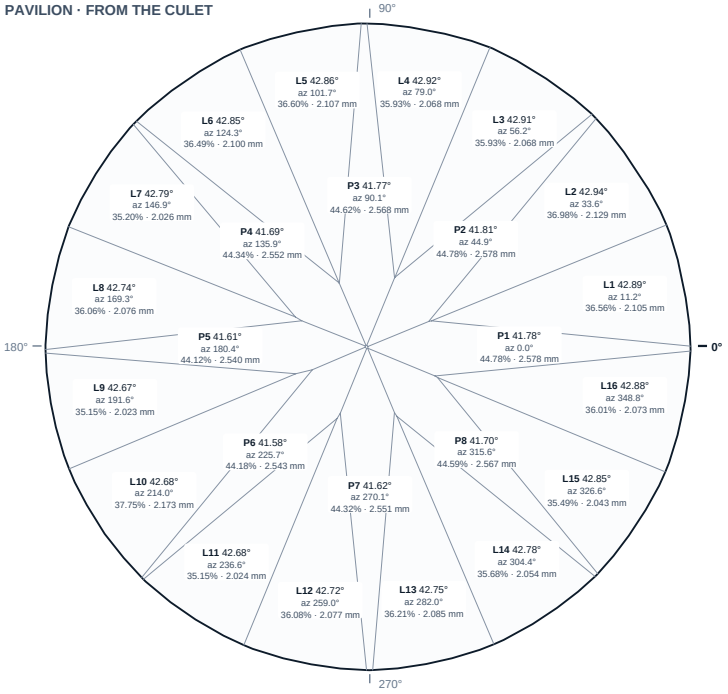
Lengths in % of average diameter. Blue = lowest, orange = highest in its row. Junctions: green = largest, red = smallest.

FACETS
angle to the girdle plane · az = bearing from P1, clockwise from the table · height, % of average Ø and mm (mains: crown height / pavilion depth there)

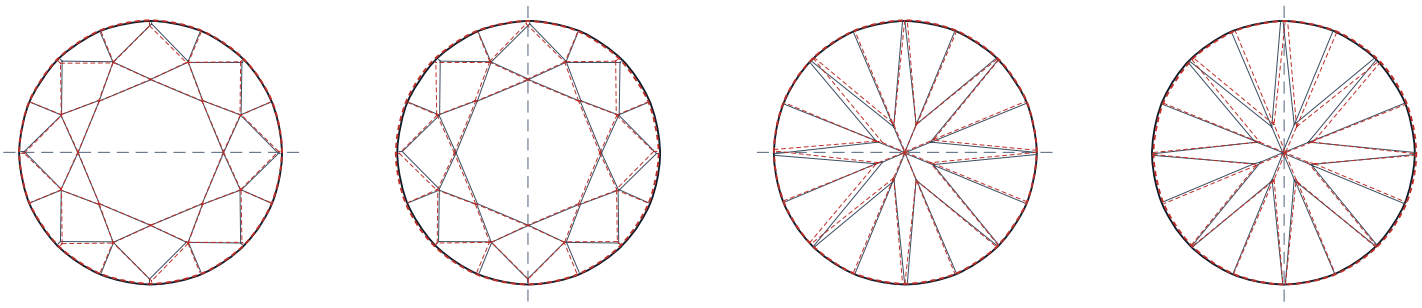
CROWN · FROM THE TABLE



PAVILION · FROM THE CULET



AXIS SYMMETRY
solid = the stone · dashed = its mirror image · long dash = the mirror line



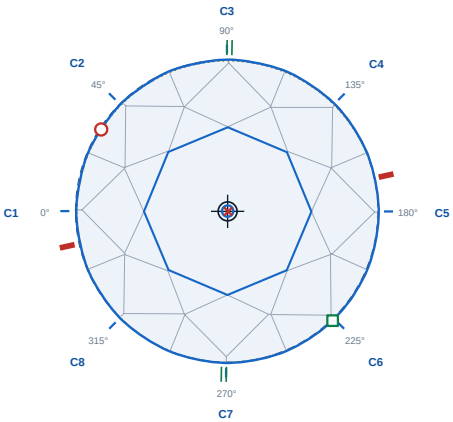
Crown · mirror 0.0°–180.0° | Crown · mirror 90.0°–270.0° | Pavilion · mirror 0.0°–180.0° | Pavilion · mirror 90.0°–270.0°

fold 0° / 90° · area loss 1.218 % · mass loss 0.0167 ct (2.210 %) · max deviation 26.7 µm at 34.5°

FACET WIDTHS AND EDGES
% of average Ø · 16-facet rows: odd | even

Quantity	Avg	Min	Max	Dev	1	2	3	4	5	6	7	8
Crown main width, star tip to star tip, %	**28.33**	28.00	28.61	0.61	28.47	28.19	**28.61**	28.29	28.54	**28.00**	28.51	28.01
Pavilion main width, lower-half tip to tip, %	**8.53**	8.26	8.71	0.45	8.56	8.61	8.63	8.58	**8.26**	8.46	8.40	**8.71**
Upper half span along the girdle, %	**19.13**	18.15	19.77	1.62	18.83	19.70	**18.15**	19.76	18.64	19.67	18.61	19.66	19.03	19.04	18.77	**19.77**	18.56	19.56	18.68	19.58
Lower half span along the girdle, %	**19.54**	18.59	20.45	1.86	19.59	20.23	19.36	19.86	19.65	19.86	19.12	19.64	**18.59**	**20.45**	18.80	19.88	19.69	19.16	19.25	19.45
Table edge, corner to corner, %	**21.28**	21.08	21.40	0.32	21.26	21.35	**21.40**	21.40	**21.08**	21.29	21.28	21.14
Star edge, table corner to tip, %	**16.09**	15.80	16.42	0.62	16.27	15.90	16.37	16.35	16.20	16.15	15.94	**16.42**	16.01	15.90	15.94	16.22	16.10	15.87	**15.80**	15.97

GIRDLE OUTLINE AND CENTRING
true size, from the table



girdle outline · mean radius · inscribed circle · min Ø · max Ø · min radius · max radius · outline centre · table centre · culet centre

avg Ø	**5.756 mm**
min Ø	**5.738 mm at 167.5°**
max Ø	**5.772 mm at 91.0°**
min r	**2.846 mm at 33.0°**
max r	**2.902 mm at 226.0°**
Out of round	**0.602 %**
Roundness in 22.5°	**18.3 µm · 0.318 %**
Roundness in 45°	**28.1 µm · 0.488 %**
Face-up area	**26.003 mm²**

CENTRING

Table off-center T/oc	**0.1 % at 100.5° · 5.0 µm** EX
Culet off-center C/oc	**0.2 % at 188.0° · 9.8 µm** EX
Table/culet alignment T/C	**0.2 % · 10.8 µm** EX
Table vs culet offsets	**one is centred**
Culet along max Ø 91.0°	**50.04 % / 49.96 %**
Culet along min Ø 167.5°	**49.82 % / 50.18 %**

TABLE AND GIRDLE PLANE

Table against girdle plane	**0.22°**
Girdle high side at	**49.5°**
Tilt, crown-height spread	**0.39 %**
Wavy girdle, peak to peak	**6.0 µm · 0.10 %**
Strongest wave	**2 per turn**
Crown height variation CHV	**0.3 %** EX
Pavilion depth variation PDV	**0.7 %** EX

JUNCTION POINTS, µM
mean |d| · worst

Table corners	**9 · C8 -22**
Star tips	**22 · S6 -40**
Crown mains at girdle	**73 · C7 -110**
Pavilion mains at girdle	**26 · P2 +53**
Lower-half tips	**61 · L9/L10 +201**

OPPOSITE MAINS AND JUNCTION TWIST
mean |x| · worst

Crown mains, bearing off 180°	**mean 0.18° · worst 1–5 +0.26°**
Crown mains, angle difference	**mean 0.17° · worst 2–6 -0.29°**
Pavilion mains, bearing off 180°	**mean 0.38° · worst 2–6 +0.79°**
Pavilion mains, angle difference	**mean 0.14° · worst 2–6 +0.24°**
Bezel junction twist	**mean 0.52° · worst pos 1 -0.96° (-46 µm)**
Bone junction twist	**mean 0.58° · worst pos 3 +1.01° (+50 µm)**

DEVIATION FROM IDEAL, PER FACET
largest in each layer

Layer	Azimuth, °	Slope, °	Area, %
Pavilion mains	**P4 +0.93**	**P2 +0.12**	**P6 -7.7**
Lower halves	**L13 +0.73**	**L9 -0.14**	**L10 +12.4**
Crown mains	**C7 +0.22**	**C2 -0.16**	**C3 +4.1**
Upper halves	**U9 +0.37**	**U9 +0.22**	**U12 +11.2**
Stars	**S7 +0.44**	**S1 -0.18**	**S5 -2.7**

+ = clockwise of ideal · steeper than its layer · larger than its layer

PAINTING AND DIGGING
+ painting, - digging

Crown · Absent	EX
average · max dev	**+0.00° · -0.23° U15**
dev (high - low)	**0.46°**
notches, average · max	**0.04 · 0.06**
most painted · most dug	**U13 +0.23° · U15 -0.23°**
halves painted / dug	**9 / 7 of 16**
Pavilion · Absent	EX
average · max dev	**-0.02° · -0.63° L13**
dev (high - low)	**0.96°**
notches, average · max	**0.05 · 0.17**
most painted · most dug	**L11 +0.34° · L13 -0.63°**
halves painted / dug	**9 / 7 of 16**

FACET-RELATED FEATURES

Misalignment crown / pavilion AIn	**0.32°** EX
Star angle variation SV	**0.34°** EX
Star length variation SPV	**1.50 %** EX
Upper half angle variation UHV	**0.39°** EX
Lower half angle variation LHV	**0.27°** EX
Lower half length variation LPV	**5.56 %** VG
Extra facet, natural	**none found**
Misshapen facet	**+12.4 % L10**
Missing facet	**none · 57 found**
Non-pointing, worst	**+201 µm L9/L10**