PXL Polish

STONE ID
25102026112805
Captured 2026-10-26 11:18:09+05:30 · Report 26.10.2026 11:37

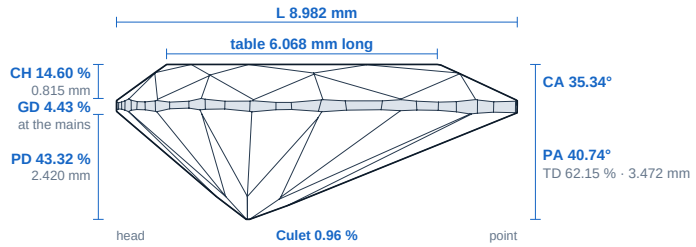
FINAL	CUT (PROP.)	SYMMETRY	10 SYM PARAMS
VG	VG	VG	VG
Very Good	Very Good	Very Good	Very Good

MEASUREMENTS	WEIGHT	L / W	TABLE
8.982 × 5.586 × 3.472 mm	1.037 ct	1.608	63.36 % · 3.304 × 6.068 mm

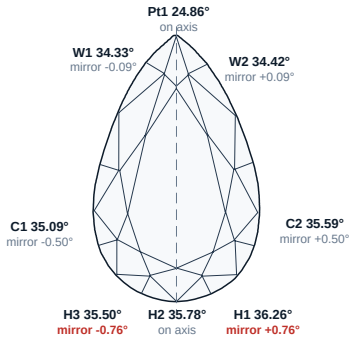
CROWN	PAVILION	TOTAL DEPTH	GIRDLE · CULET
35.34° · 14.60 %	40.74° · 43.32 %	62.15 % · 3.472 mm	4.43 % · 0.96 %

Very Good overall — proportions Very Good, symmetry Very Good. 2 parameters are holding it there: Table, Girdle thickness variation.

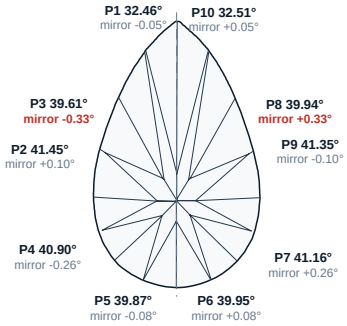
PROFILE % of width · mm



CROWN angle · difference to mirror



PAVILION angle · difference to mirror



Crown from the table, pavilion from the culet, point up · mirror = this main less its mirror main, largest in red · **W 5.586 mm** · **L 8.982 mm**

PARAMETERS, MIRROR PAIR BY MIRROR PAIR

left | right seen from the table · L-R = left less right (azimuth: less its mirror) · each zone's average and dev · largest L-R in orange

L / W **1.608** EX · Total depth **62.15 %** EX · Table **63.36 %** (59.16–67.56) VG · Girdle **4.43 %** EX · Crown angle **35.34°** EX · Crown height **14.60 %** EX · Pavilion angle **40.74°** EX · Pavilion depth **43.32 %** EX

CROWN MAINS

Pair, left | right	Angle, °			Crown height, %			Girdle, %			Azimuth, °		
	left	right	L-R	left	right	L-R	left	right	L-R	left	right	L-R
Pt1 axis	24.86			14.55			4.80			1.20		+2.40
W1 | W2	34.33	34.42	-0.09	14.13	14.24	-0.11	4.40	4.40	0.00	295.00	64.42	-0.58
Wing avg · dev		34.37	0.09		14.19	0.11		4.40	0.00			
C1 | C2	35.09	35.59	-0.50	14.57	14.63	-0.06	4.41	4.49	-0.08	270.46	89.90	+0.36
Curve avg · dev	EX	35.34	0.50	EX	14.60	0.06		4.45	0.08			
H3 | H1	35.50	36.26	-0.76	14.52	14.78	-0.26	4.40	4.13	+0.27	230.25	130.36	+0.61
H2 axis	35.78			14.47			4.37			180.63		+1.26
Head avg · dev		35.84	0.76		14.59	0.31		4.30	0.27			

PAVILION MAINS

Pair, left | right	Angle, °			Pavilion depth, %			Azimuth, °			Width, %		
	left	right	L-R	left	right	L-R	left	right	L-R	left	right	L-R
P10 | P1	32.51	32.46	+0.05	42.34	42.10	+0.24	304.77	55.28	+0.05	7.90	8.64	-0.74
P8 | P3	39.94	39.61	+0.33	43.32	43.30	+0.02	282.69	76.82	-0.49	1.17	1.09	+0.08
P9 | P2	41.35	41.45	-0.10	43.13	42.90	+0.23	277.94	82.64	+0.58	13.82	14.20	-0.38
P7 | P4	41.16	40.90	+0.26	44.02	43.26	+0.76	248.97	110.16	-0.87	9.33	9.31	+0.02
P6 | P5	39.95	39.87	+0.08	43.30	43.05	+0.25	204.29	156.22	+0.51	9.10	9.28	-0.18
All avg · dev		38.92	8.99		43.07	1.92					8.38	13.11

UPPER HALVES

Pair, left | right	Angle, °			Azimuth, °			Height, %		
	left	right	L-R	left	right	L-R	left	right	L-R
U16 | U1	41.45	41.83	-0.38	317.94	42.74	+0.68	11.26	11.38	-0.12
Point avg · dev		41.64	0.38					11.32	0.12
U15 | U2	40.21	40.01	+0.20	299.87	60.03	-0.10	11.39	11.37	+0.02
U14 | U3	40.71	39.36	+1.35	289.63	69.01	-1.36	10.72	10.43	+0.29
Wing avg · dev		40.07	1.35					10.98	0.96
U13 | U4	41.15	40.48	+0.67	276.98	85.15	+2.13	11.35	11.09	+0.26
U12 | U5	39.32	40.91	-1.59	264.07	98.03	+2.10	10.50	11.15	-0.65
Curve avg · dev		40.47	1.83					11.02	0.85
U11 | U6	39.99	41.97	-1.98	237.09	121.16	-1.75	10.60	11.18	-0.58
U10 | U7	42.30	43.66	-1.36	218.20	143.19	+1.39	11.59	12.35	-0.76
U9 | U8	42.45	44.00	-1.55	191.18	167.39	-1.43	11.86	12.04	-0.18
Head avg · dev		42.40	4.01					11.61	1.75

LOWER HALVES

Pair, left | right	Angle, °			Azimuth, °			Length, %			Depth, %		
	left	right	L-R	left	right	L-R	left	right	L-R	left	right	L-R
L14 | L1	28.66	28.25	+0.41	317.48	41.05	-1.47	85.44	85.44	0.00	87.09	87.09	0.00
L13 | L2	37.37	36.67	+0.70	296.27	62.73	-1.00						
L12 | L3	39.53	39.15	+0.38	290.46	69.41	-0.13						
L11 | L4	42.15	42.14	+0.01	258.22	99.56	-2.22						
L10 | L5	41.79	41.65	+0.14	241.79	118.42	+0.21	76.76	75.79	+0.97	79.23	78.33	+0.90
L9 | L6	41.10	41.26	-0.16	215.49	144.46	-0.05	76.76	75.79	+0.97	79.23	78.33	+0.90
L8 | L7	41.18	41.08	+0.10	192.60	168.24	+0.84	76.10	76.10	0.00	78.91	78.91	0.00
All avg · dev		38.71	13.90					78.52	9.65		80.89	8.76

STARS

Pair, left | right	Angle, °			Length, %			Azimuth, °			Height, %		
	left	right	L-R	left	right	L-R	left	right	L-R	left	right	L-R
St8 | St1	18.03	18.16	-0.13	45.15	44.11	+1.04	303.04	56.46	-0.50	3.42	3.38	+0.04
St7 | St2	18.18	18.54	-0.36	45.60	46.92	-1.32	282.99	76.83	-0.18	3.45	3.66	-0.21
St6 | St3	21.33	20.64	+0.69	48.17	45.93	+2.24	251.51	107.14	-1.35	4.26	3.87	+0.39
St5 | St4	16.97	16.14	+0.83	46.53	45.25	+1.28	204.24	155.75	-0.01	3.22	2.95	+0.27
All avg · dev		18.50	5.19		45.96	4.06					3.52	1.31

SYMMETRY — TEN MEASURED PARAMETERS

on mirror pairs · % of width · limits: GIA

Parameter	Now measured	EX · VG · G	Where	
Uneven outline UO	**0.5 %** 0.50	0.9 · 1.8 · 3.6	side against side	EX
Table off-center T/oc	**0.1 %** 0.10	0.6 · 1.2 · 2.4	across the axis	EX
Culet off-center C/oc	**0.1 %** 0.13	0.6 · 1.2 · 2.4	across the axis	EX
Table/culet alignment T/C	**0.0 %** 0.03	0.9 · 1.8 · 3.6	table against culet	EX
Crown height variation CHV	**0.3 %** 0.26	1.2 · 2.4 · 4.8	H3/H1	EX
Crown angle variation CV	**0.8°** 0.76	1.2 · 2.4 · 4.8	H3/H1	EX
Pavilion depth variation PDV	**0.8 %** 0.76	1.2 · 2.4 · 4.8	P7/P4	EX
Pavilion angle variation PV	**0.3°** 0.33	0.9 · 1.8 · 3.6	P8/P3	EX
Girdle thickness variation GTV	**2.4 %** 2.38	1.2 · 2.4 · 4.8	side against side	VG
Table symmetry TSV	**0.6 %** 0.55	1.2 · 2.4 · 4.8	table against its mirror	EX

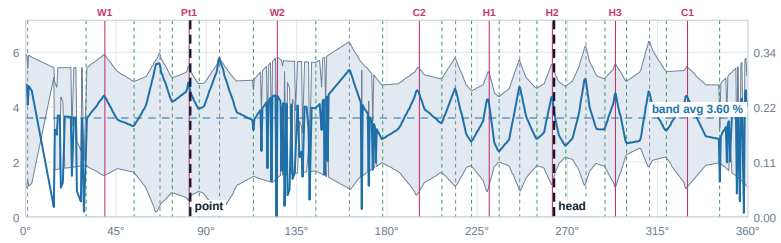
NOT YET EXCELLENT

worst first

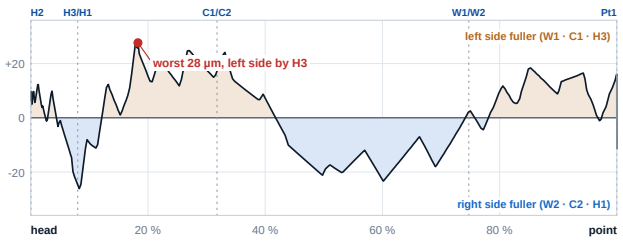
Table	proportion	63.36 %	1.36 % outside	VG
Girdle thickness variation	GTV	2.4 %	+1.2 % over	VG

GIRDLE THICKNESS % of width

band · thickness · bezel · bone · valley

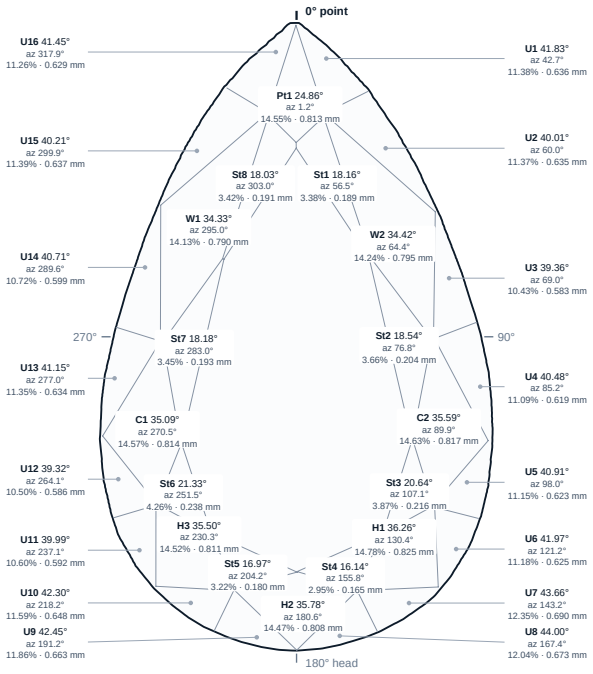


ALONG THE LENGTH head to point · left less right, µm

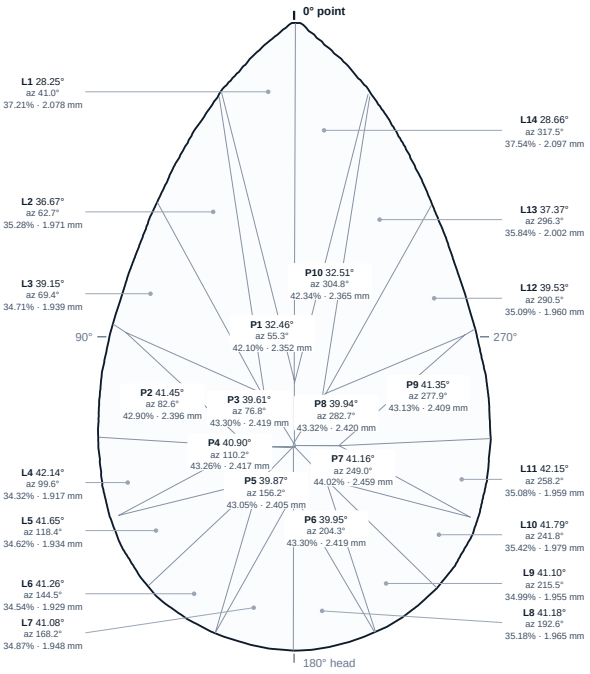


FACETS
angle to the girdle plane · az = bearing from the point, clockwise from the table · height, % of width and mm (mains: crown height / pavilion depth there)

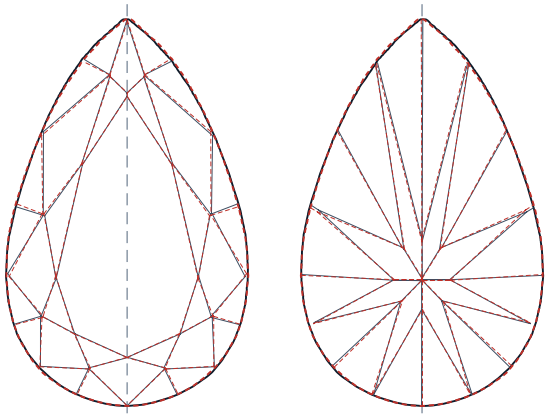
CROWN · FROM THE TABLE



PAVILION · FROM THE CULET

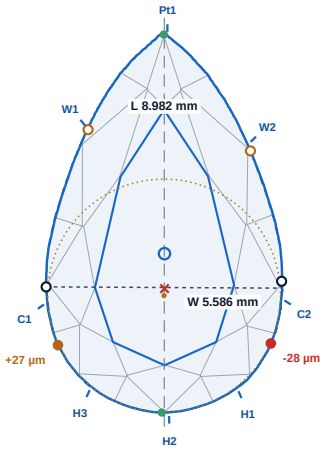


AXIS SYMMETRY
dashed = mirror image



Crown Pavilion

GIRDLE OUTLINE AND CENTRING
true size, from the table, point up



girdle outline · its mirror image · mirror line · head circle
shoulder · wing · most proud · most short
table centre · culet

Mirror line 40 µm off the girdle centre. A symmetric re-cut takes 0.337 % of the outline area, 0.0052 ct (0.504 %).

TABLE AND CULET PLACEMENT
along the length

Table centre from the head	3.775 mm · 42.03 %
Culet from the head	2.944 mm · 32.78 %
Outline centre from the head	4.004 mm · 44.58 %
Culet to table	0.831 mm · 14.87 %
Outline centre to culet	1.060 mm · 18.98 %
Outline centre to table	0.230 mm · 4.11 %
Table off-center T/oc	0.1 % · 5 µm EX
Culet off-center C/oc	0.1 % · 7 µm EX
Table/culet alignment T/C	0.0 % EX
Table symmetry TSV	0.6 % EX

OUTLINE
side against side across the mirror line

Length × width	8.982 × 5.586 mm
L / W	1.608 EX
Widest at, from the head	33.1 % of length
Mirror line off girdle centre	40 µm
Uneven outline UO	0.5 % EX
most proud	+27 µm at 306.5°
most short	-28 µm at 218.0°
side against side, RMS	14 µm
Head, rounded end	99.1 % of a semicircle
radius · off its circle	2.767 mm · 10 µm rms
Wings, bow, % of width	12.10 / 11.92
mismatch	10 µm
Symmetric re-cut	0.337 % area · 0.0052 ct

POINTS AND SHOULDERS
measured, not graded

Point at · included angle	82.0° · 97.5°
off the mirror axis	0.11° · 9 µm
girdle there	4.58 %
Head at · included angle	262.5° · 160.8°
girdle there	4.36 %
Thinnest girdle	0.01 % at 125.3°
Shoulders, half-width	2.820 / 2.802 mm
width mismatch	18 µm
bearing mismatch	2.1°

BOW-TIE GEOMETRY
pavilion mains, ends against flanks

Pavilion at the ends	37.81° · 6 mains
toward the point	32.49° · P1 P10
toward the head	40.47° · P4 P5 P6 P7
Pavilion at the flanks	40.59° · 4 mains · P2 P3 P8 P9
Difference, flanks against ends	2.78°
Full range, all pavilion mains	8.99° · 32.5–41.4°
L / W	1.61

Measured, not graded: a bow tie is a light effect judged face-up. Stones measured so far span 5.9–7.3° and none is known to show one: a baseline, not a limit.

GIRDLE
% of width

Girdle at the mains	4.43 % EX
Whole band, average	3.60 %
Whole band, min / max	2.36 / 5.74 %
At the valleys	3.19 %
Thinnest, 43° from the point	0.001 mm · 0.01 %
Girdle thickness variation GTV	2.4 % VG

TABLE AND GIRDLE PLANE

Table against girdle plane	0.09°
Girdle high side at	303.6°
Tilt, crown-height spread	0.20 % of width
Wavy girdle, peak to peak	56.9 µm
Strongest wave	3 per turn
Crown height variation CHV	0.26 % · H3/H1 EX
Pavilion depth variation PDV	0.76 % · P7/P4 EX

JUNCTION POINTS, µM
mean |d| · worst

Table corners	17 · Pt1 -82
Star tips	39 · St1 +57
Crown mains at girdle	30 · C2 -54
Pavilion mains at girdle	437 · P2 +1631
Lower-half tips	23 · P10-P1 -59

DEVIATION FROM IDEAL, PER FACET
largest in each layer

Layer	Az. less mirror	Slope, °	Area, %
Pavilion mains	P7 -0.87	P1 -6.46	P2 +72.0
Lower halves	L11 -2.22	L1 -10.46	L13 +39.0
Crown mains	Pt1 +2.40	Pt1 -9.11	W1 +61.0
Upper halves	U4 +2.13	U8 +2.77	U2 +48.0
Stars	St6 -1.35	St6 +2.84	St2 +51.1

azimuth less its mirror image · steeper / larger than its layer

PAINTING AND DIGGING
against the mirror first

	Crown	Pavilion
Against the mirror	Small	Very small
Average spread	1.48°	0.89°
Notches, average · max	0.40 · 0.72	0.24 · 0.41
Largest spread	2.69° U9/U8	1.52° L14/L1
painted more	U9	L14
Pairs read	8	7
Against the shared gap	Small · Painting · +1.24°	Small · Painting · +0.40°

Shared gap not measured: Pt1–W2, W1–Pt1, P2–P4, P7–P9, P9–P8, P8–P10, P10–P1 · beside the point main or across the point.

FACET-RELATED FEATURES
within the mirror pairs · not graded

Misalignment Aln	+0.25°
Star angle variation SV	0.83° St5/St4
Star length variation SPV	2.24 % St3/St6
Upper half angle variation UHV	1.98° U11/U6
Lower half angle variation LHV	0.70° L13/L2
Lower half length variation LPV	0.97 % L5/L10
Misshapen facet Fac	11.4 % U14/U3
Extra facet, natural EF/N	+3 pavilion main
Missing facet MF	-2 lower half
Non-pointing Ptg, worst	+1631 µm P2 · mean 119