

Semipolish report

The *Semipolish Report* allows controlling (both visually and via parameter values) a table polishing process.

To access the report:

1. Select the solution.
2. On the right panel, click **Semipolish Report**. The report is displayed in the Scene.
3. If you select another solution, the report is updated to display information related to it.

The report includes:

1. Main parameters of a solution.
2. [Table processing parameters](#).
3. [Safe line parameters](#).
4. Image with the angles of the main facets on the pavilion.
5. Image with the angles of the main facets on the crown.
6. Image reflecting the process of polishing a table (angle 1).
7. Image reflecting the process of polishing a table (angle 2).

Carbon - [Oval_Stoned_001_v01.es2]

File Edit View Inclusion Window Settings Help

Scan Inclusions Recut Diamonds Imported Profiles DZ G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17 G18 G19 G20 G21 G22 G23 G24 G25 G26 G27 G28 G29 G30 G31 G32 G33 G34 G35 G36 G37 G38 G39 G40 G41 G42 G43 G44 G45 G46 G47 G48 G49 G50 G51 G52 G53 G54 G55 G56 G57 G58 G59 G60 G61 G62 G63 G64 G65 G66 G67 G68 G69 G70 G71 G72 G73 G74 G75 G76 G77 G78 G79 G80 G81 G82 G83 G84 G85 G86 G87 G88 G89 G90 G91 G92 G93 G94 G95 G96 G97 G98 G99 G100

Allocation solutions

Plans & Scans

Imported model

Parameter	Value	Unit	Grade	Dev	Cut Grade	Sym Grade
Width	6.465	mm				
Length	8.426	mm				
Total weight	1.55	ct				
Grind Ratio	1.303					
Crown angle, °	39.75					
Pavilion angle, °	37.75					
Table Widthrise, %	3.999	mm				
Table Lengthrise, %	5.893	mm				
Crown height, %	3.032	mm				
Pavilion height, %	2.639	mm				
Grindle base, %	0.354	mm				
Total height, %	4.117	mm				
Star, %	54.55					
Pavilion half, %	75.15					
Table offset Length, %	0.01					
Culet offset Length, %	0.01					

Table Processing parameters

Parameter	Value	Unit	Grade	Dev	Cut Grade	Sym Grade
Table allowance before	0.015	mm				
Table allowance parallel	0.050	mm				
Table incline	2.58	°				
Grind depth	0.260	mm				
Marking for Crown	1.078	mm				
Marking for Pavilion	1.333	mm				

Safe Line parameters

Parameter	Value	Unit	Grade	Dev	Cut Grade	Sym Grade
Distance to New Scan table	1.024	mm				
Distance to Plan table	1.480	mm				

Point of touch by polishing disc

Initial facet with adjacent bones

Different processing depths

Final processed facet

View

Model

ISO Mini View

Comparative ISO Mini View

Facet Types

Solutions Report

Semipolish Report

Upload to Cutwise

Facetware

Standard Report

My Appraiser

Reports

Polish Report...

Comparative Report...

Print Label

Export Report Data

Export Model...

Model Building Info

Show Model

The images (6-7) reflecting the process of polishing a table includes information about:

- Poing of touch by polishing disc
- Positions of different planes related to polishing
- Door azimuth
- The azimuth of the table polishing start point.
- The **Grind depth** table processing parameter (see description [here](#)).

Settings Table Processing and Safe Line parameters Table Processing Image legend

Cut: Oval

Template: Semipolish Report for rounded fancies

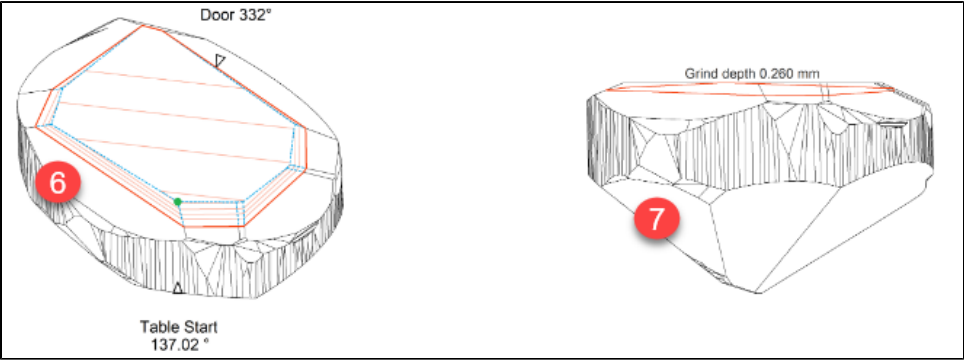
Enhanced precision: 0 digits

Point of touch by polishing disc

Initial facet with adjacent bones

Different processing depths

Final processed facet



The report includes the **Rotate Table processing start azimuth to door** control (active if the hardware is connected).

Print...Quick PrintRotate Table Processing start azimuth to door

SettingsTable Processing and Safe Line parametersTable Processing Image legend

Stone ID: Oval_blocked_001_ver3		Oval		22.06.2022 14:23		HPO11+	
Width		6.465 mm		Lenght		8.426 mm	
Total weight		1.55 ct					
Parameter	Avg	Min	Max	Dev	Cut Grade	Sym Grade	
Girdle Ratio	1.303	–	–	–	N/A	–	

32.87°32.89°

37.79°37.74°

P2 P1C2 C1

To access report settings and reference information, at the top of the report, click **Settings**, **Table Processing and Safe Line Parameters**, **Table Processing Image Legend**. On click, the corresponding section is displayed

Print...Quick PrintRotate Table Processing start azimuth to door

SettingsTable Processing and Safe Line parametersTable Processing Image legend

Cut:Oval

Template:Semipolish Report for rounded fancies

Enhanced precision:0 digits

Point of touch by polishing disc

Initial facet with adjacent bones

Different processing depths

Final processed facet

Also, click **Table Processing and Safe Line parameters** to view the brief description of parameters.

Print...Quick PrintRotate Table Processing start azimuth to door

SettingsTable Processing and Safe Line parametersTable Processing Image legend

Table incline

New scan table

Grind depth

Plane A

Table allowance before

Table allowance parallel

Distance to plan table (pavilion)

Distance to plan table (crown)

New scan table

Table allowance parallel

Distance to new scan table (crown)

Distance to new scan table (pavilion)

Calculated after scan is bruted

Safe line parameters

Table Processing and Safe Line parameters documentation

To hide the displayed information, click the corresponding button again.