Polish Report

After the model was scanned and built with reflect, you can create a *Polish Report* for it.
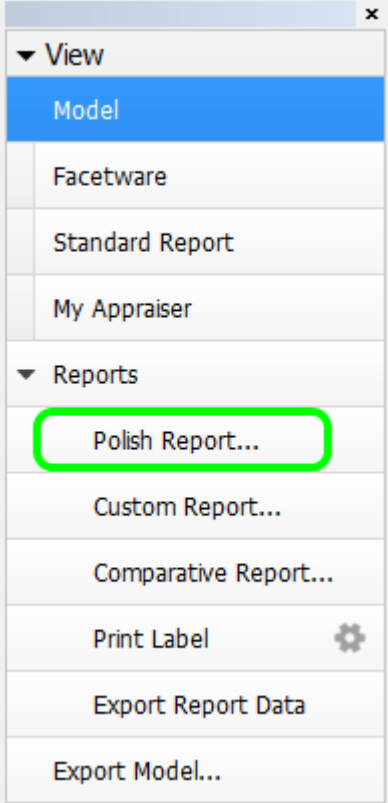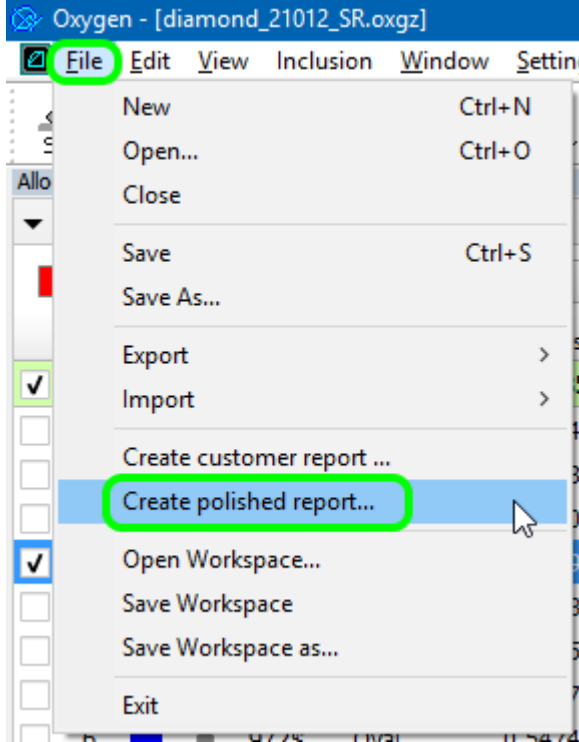

On this page:

Accessing Polish Report

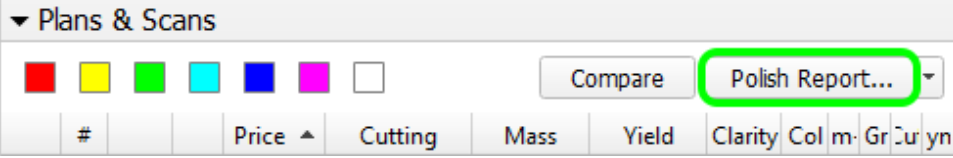The **Polish Report** can be accessed in one of the following ways:

| Select **Polish report** from the **Reports** section of the right panel,	select **File** - **Create polished report** from the top menu,	or press **Polish report** button in the **Plans & Scans** panel.
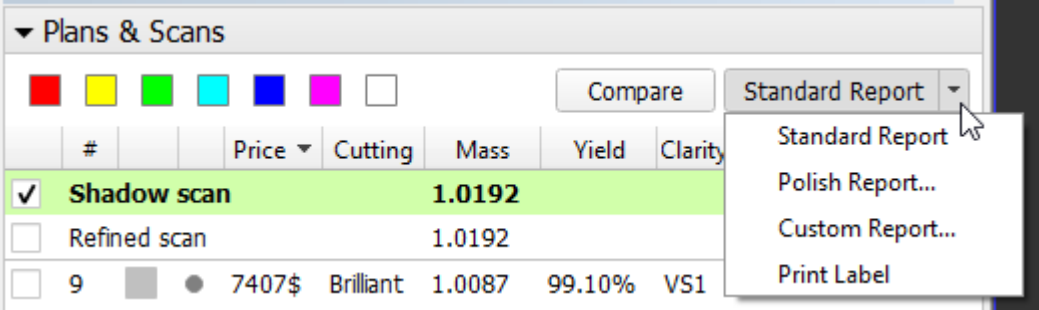
Note that the latter button is multi-optional. The dropdown list to the right provides a selection of options: **Standard Report**, **Polish Report**, **Custom Report**, and **Print Label**. Once selected, the option persists until the program is closed or a new model is opened.

Preparing to Make Report
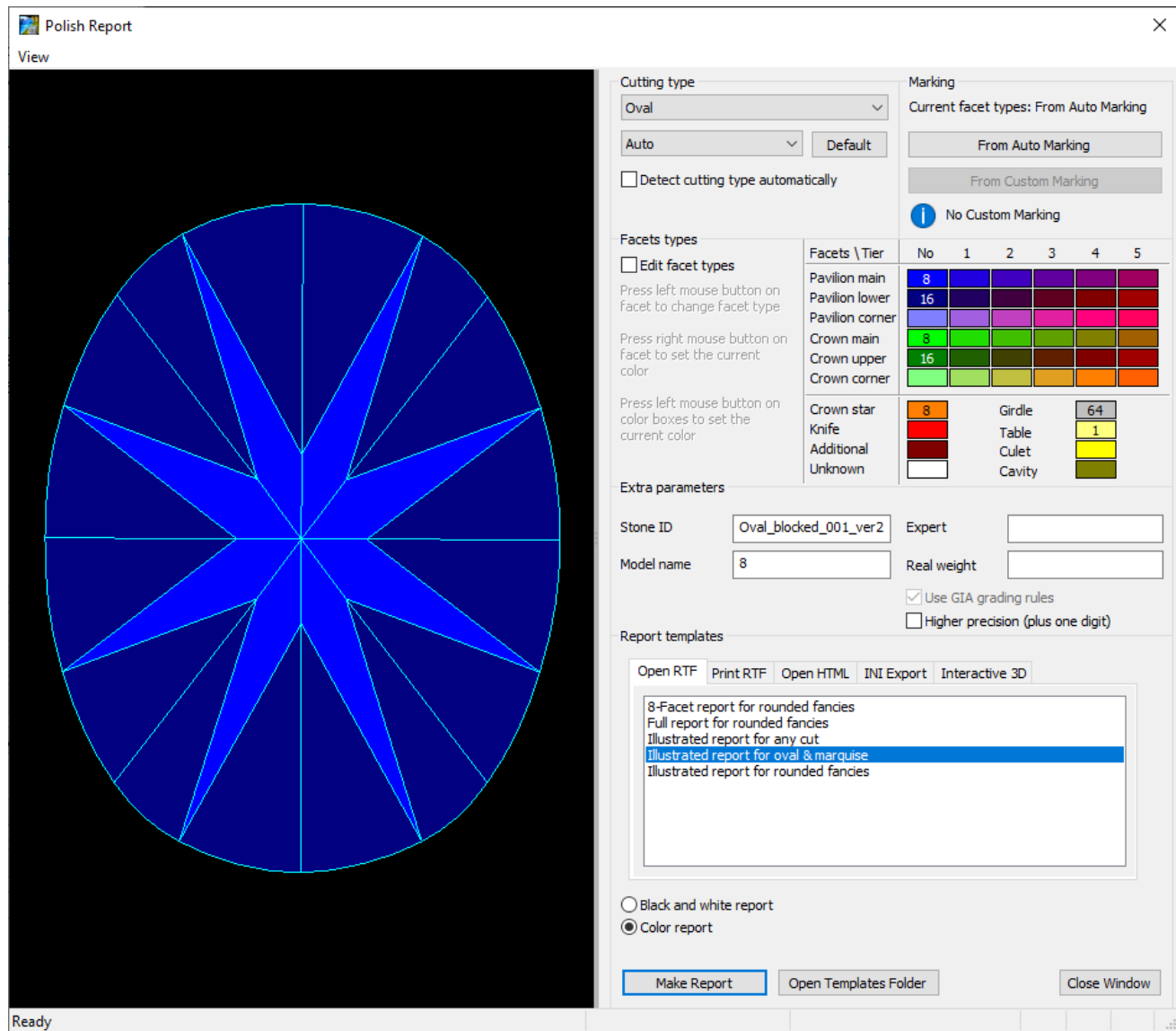
In the Polish Report window, before making a report, you can specify its general settings and specify facet marking to be used.

General Settings

In the Polish Report window, you can set the following general settings:

1. Set the cutting type (initially it is assigned automatically).

   > ⊘ The incorrect cutting type would result in a report with multiple inconsistencies, missing parameters, and poor grades.

2. Edit facet types, if you need (normally these are assigned automatically, too; if you want more flexibility in dealing with facet types, for example when evaluating a non-standard cut, consider using custom report instead).
3. Specify the extra parameters, if needed:
   a. Stone ID (normally assigned to stone during scanning)
   b. Model name (normally assigned automatically)
   c. Expert name
   d. Real weight
4. Make the following settings, if needed:
   a. Use GIA grading rules
   b. Higher precision (plus one digit)

   > ⚠ The extra parameters and settings are not persistent. If you close and reopen the report window, they revert to their default values.

5. Select the report type and template. The choice of the report template depends on the report type and the particular cut.

Specifying Facet Marking

Sometimes, the custom facet marking of a model (if it has this marking) may differ from the facet marking applied to the model in Polish Report (Auto Marking). The Polish Report dialog provides you information about this difference and allows to select which marking to use in the report.
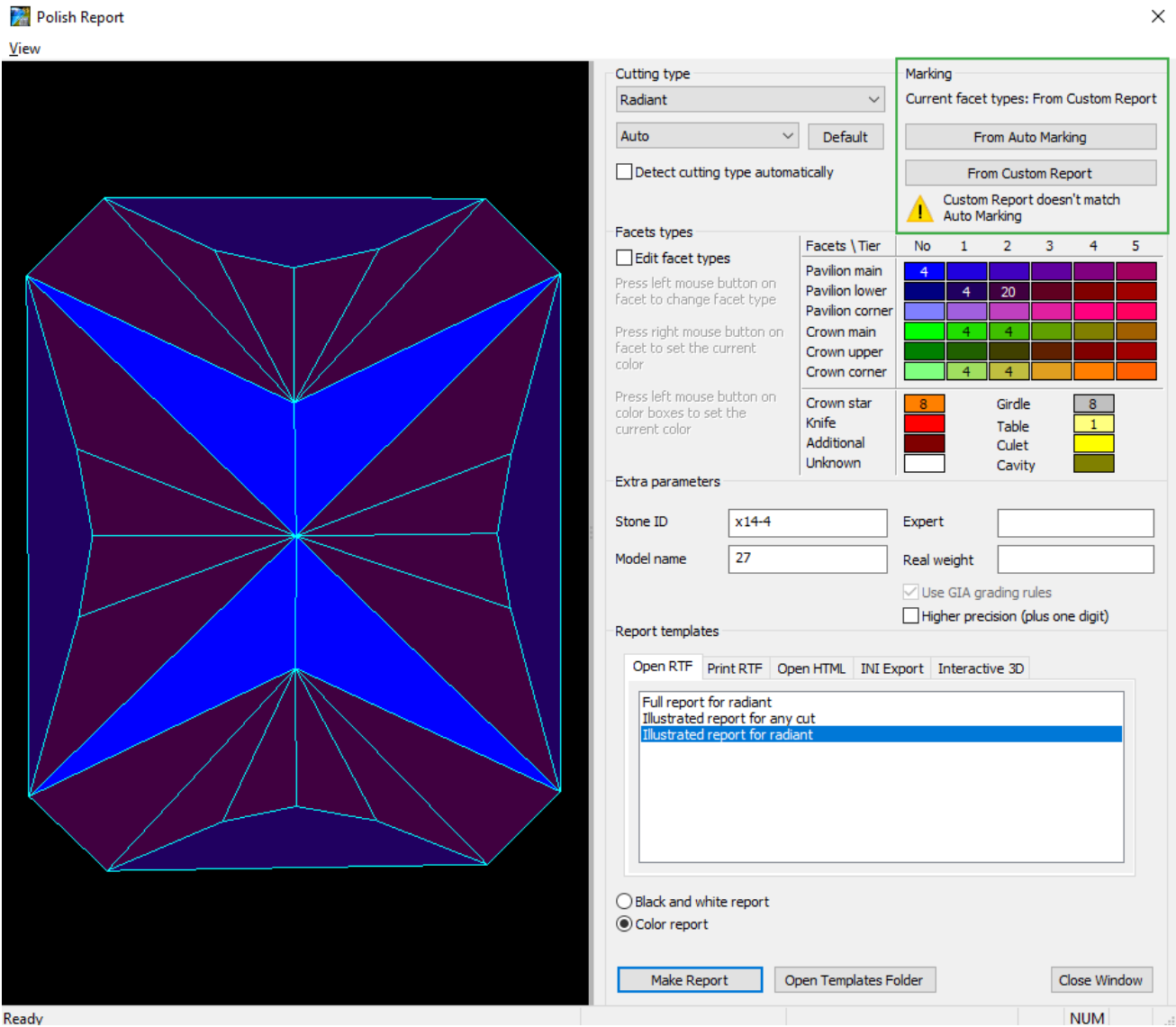

- If the custom facet marking differs from Auto Marking, the custom will be applied by default.
- To change the marking, in the **Marking** section, click **From Auto Marking** or **From Custom Report**. The **Current facet types: From ...** will change; the **View** will be updated.
- To edit facet types manually, select the **Edit facet types** checkbox, in the **Facets\Tier** table, select the required type, then in the **View**, click the facet(s) to belong to the type. The **Current facet types:** will change to **Manual**.
- If there is no custom facet marking, the Auto Marking will be applied.

No custom marking	Markings identical	Markings differ	
Marking	Marking	Marking	Marking
Current facet types: From Auto Marking	Current facet types: From Auto Marking	Current facet types: From Custom Report	Current facet types: Manual
From Auto Marking	From Auto Marking	From Auto Marking	From Auto Marking
From Custom Report	From Custom Report	From Custom Report	From Custom Report
ℹ No Custom Report	✔ Custom Report matches Auto Marking	⚠ Custom Report doesn't match Auto Marking	⚠ Custom Report doesn't match Auto Marking

Rotation for Views without Invisible Edges

In the Polish RTF Full Report, there are Pavilion and Crown views without indication of invisible edges (PAVILION_VIEW and CROWN_VIEW bookmarks):
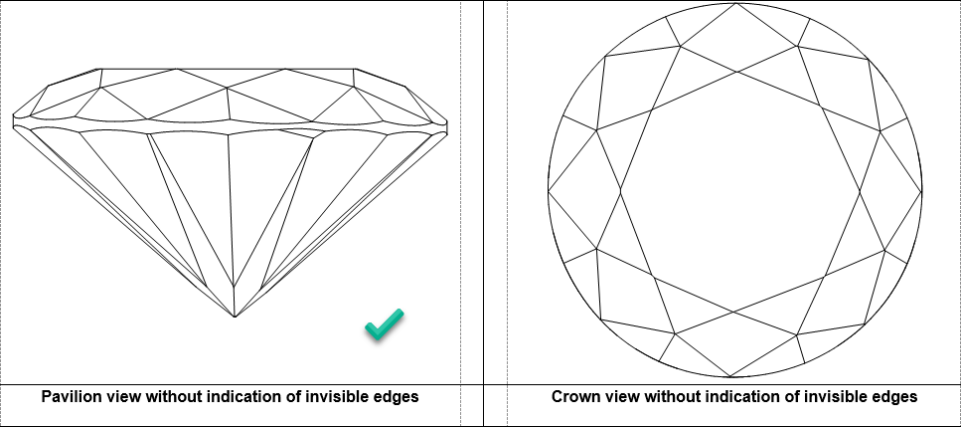
Pavilion view without indication of invisible edges	Crown view without indication of invisible edges
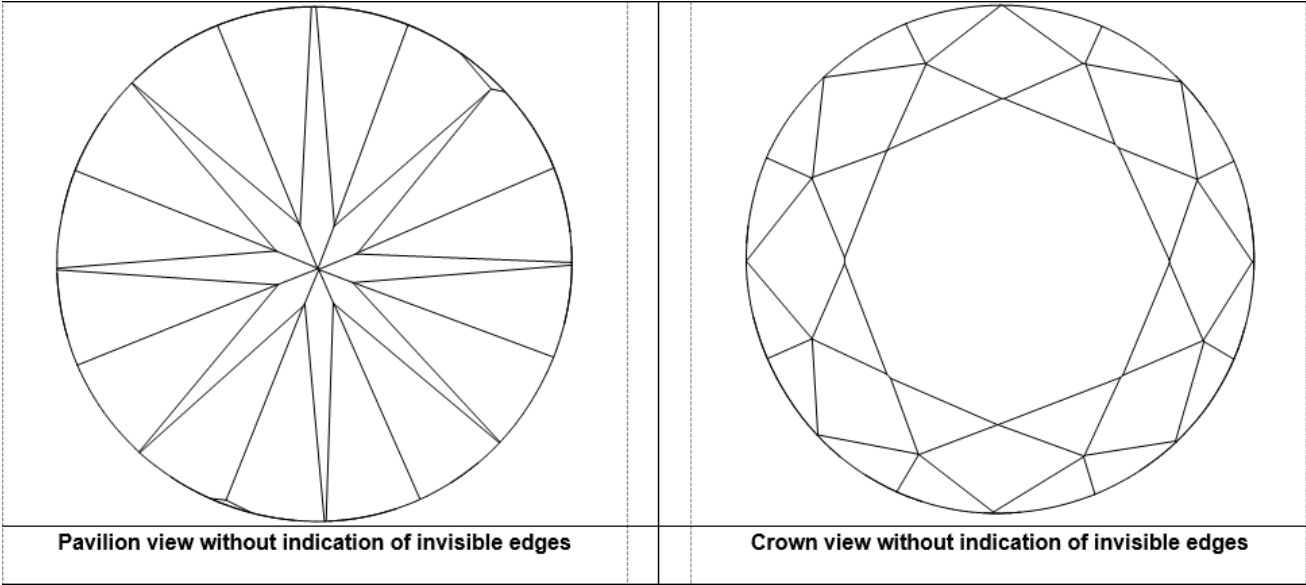
Now you can change the rotation of the model presented on these images. To do this:

1. In the template, locate PAVILION_VIEW or CROWN_VIEW bookmark.
2. Replace bookmarked text as follows:

Was	Now	Comment
[Width=73;Height=73;]	[Width=74;Height=74;PictureID=DRAW_DIAMOND;PavilionView=1; Circle=0;Parameter=0;FontSize=0;**X=22.5;Y=90;**]	X and Y with values are responsible for rotation.

3. Make sure, your bookmark continues to enclose the parameters, including brackets.
4. Save the template.

Pavilion view without indication of invisible edges	Crown view without indication of invisible edges

Also, other Polish RTF reports support adding the same images with the rotation you need.

Below is the example showing how the rotated Pavilion view without invisible edges can replace the standard image in the Polish RTF Illustrated report for brilliant:

1. Open the template you want to change via the right panel > **Polish Report** > **Open Templates Folder**, then opening the template file in MS Word.
2. Delete the bookmark of the image we want to replace.

3. In this position, insert the string:

```
[Width=74;Height=74;PictureID=DRAW_DIAMOND;PavilionView=1;Circle=0;Parameter=0;FontSize=0;X=22.5;Y=90;]
```

4. Highlight this string including brackets, then insert MS Word bookmark PAVILION_VIEW1.
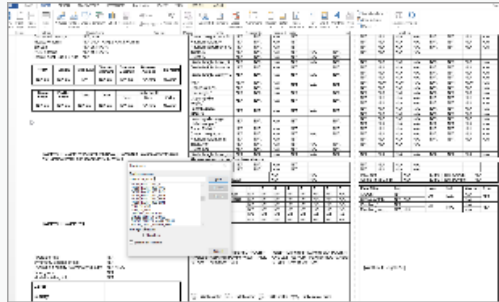
5. At the very bottom of the page, in the small font string, at the end of the string but before closing square bracket, put comma then (without space) PAVILION_VIEW1.

6. If necessary, to set boundaries for your image, insert columns or/and rows using the MS Word **Table** tool.

7. Save changed report template.

> ✅ **Note**
>
> If you want to save changes as a separate template, use **Save As** - before saving, in the small font string, change the VisibleName parameter.

The resulting report will look like:
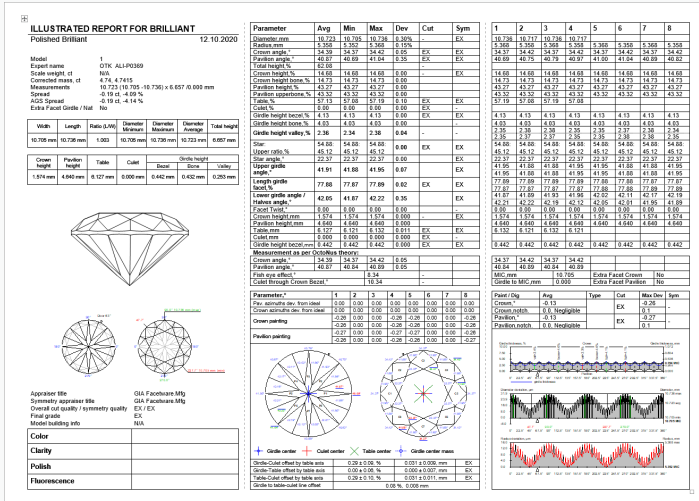
Making Report

When you are done with settings, press **Make Report**. Depending on the report type, one of the following actions will occur:

Type	Action
Open RTF	Opens the report in MS Word
Print RTF	Sends the report (the same one as above) to the default printer
Open HTML	Opens the report in the default web browser
INI Export	Exports a plain text report with pictures in separate files (see **Export Report Data - Color** for more details)
Interactive 3D	Opens the interactive report in the default web browser (see **Interactive 3D Report** for more details)

ILLUSTRATED REPORT FOR CUSHION

Polished Cushion   04.06.2014

Model
Expert name
Scale weight, ct
Model mass, ct   0.77; 0.7771
Spread   -0.04 ct, -5.08 %
Extra Facet Girdle / Nat   N/A

Width	Length	Ratio (L/W)	Corner Ratio	Diameter minimum	Diameter maximum	Total Height
5.091 mm	5.967 mm	1.172		5.091 mm	5.967 mm	3.226 mm, 63.85 %

Crn height width	Crn height length	Pav height width	Pav height length	Table Size	Culet	Girdle
0.846 mm	0.803 mm	2.460 mm	2.467 mm	2.421 mm	0.023 mm	3.102 mm

Appraiser title   N/A
Overall cut quality   N/A
Symmetry appraiser title   Internal
Overall symmetry quality   IR
Model building info   N/A

Color	
Clarity	
Polish	
Fluorescence	

Parameters

Parameters	Avg	Min	Max	Dev	1	2	3	4
Crown height width, %								
Crown height length, %								
Crown height corner, %								
Pavilion height width, %								
Pavilion height length, %								
Pavilion height corner, %								
Table, %								
Table Corner w-l Corner, %								
Diameter Corner, %								
Table Corner w-l Width, %								
Crown slant width height, %								
Crown slant length height, %								
Pavilion slant height, %								
Girdle thickness, %								
Culet, %								
Crown slant Width angle, °								
Crown slant Length angle, °								
Crown Corner angle, °								
Crown Star Width angle, °								
Crown Star Length angle, °								
Pavilion slant angle, °								
Pavilion Slant Length angle, °								
Pavilion Corner angle, °								
Revision Corner angle, °								

Facets azimuths

Facets heights (%)

Girdle facets angles & MIC   **Girdle facets azimuths & MIC**

Both axis symmetry correction

Facets angles