Which appraiser template to choose?

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  2.1 Goodwin or ASCII ?
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History

For a full understanding of the goals of the step-by-step evolution of appraiser templates and the advantages of newer versions, you need to read the following chapters of the Release Notes:

2021-07-08 - HP Carbon 1.2.92

- 1 Working with Multiple Cuts

2021-07-30 - HP Carbon 1.2.95

- 1 In-house cuts and hybrid appraisers overview
- 2 Create hybrid appraiser for in-house cut
- 3 Automatic appraiser selection

2022-08-17 - HP Carbon 1.5.3

- Executive summary
- 1 Goodwin Cut. Process flow
- 2 Gold Stars - new attribute for Facet Types

2023-01-19 - HP Carbon 1.7.6

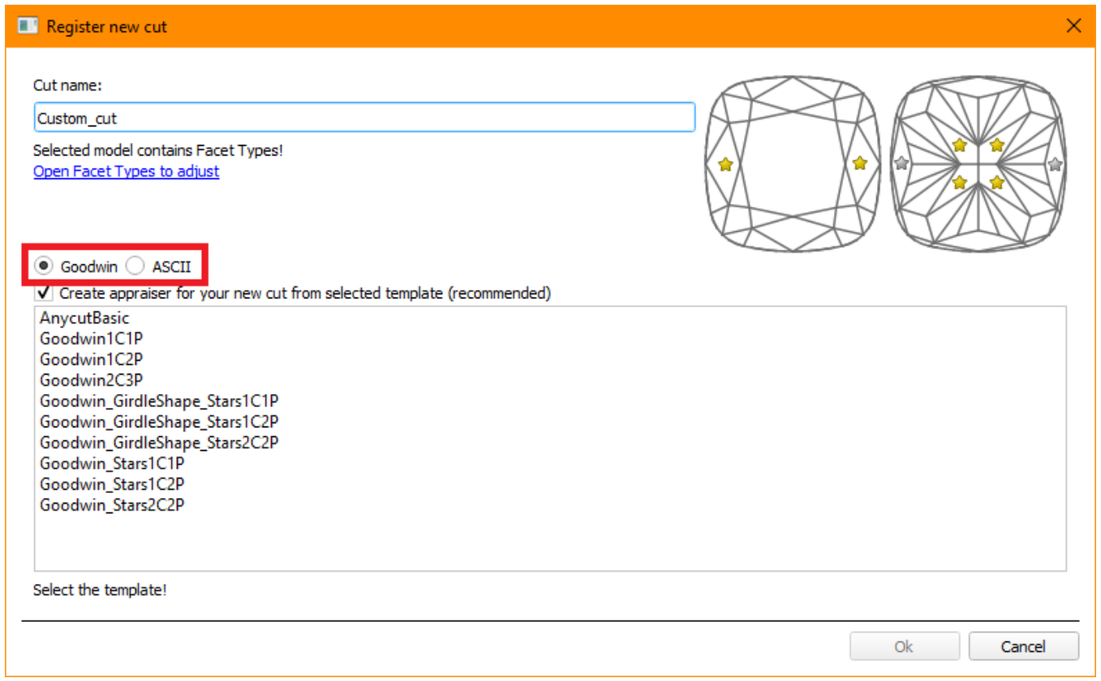
- 2 Gold and Silver Stars in Facet Types

2025-12-11 - HP Carbon 3.0.3

- 1.1 Shape Deviation

Summary

Goodwin or ASCII ?



2022-08-17 - HP Carbon 1.5.3

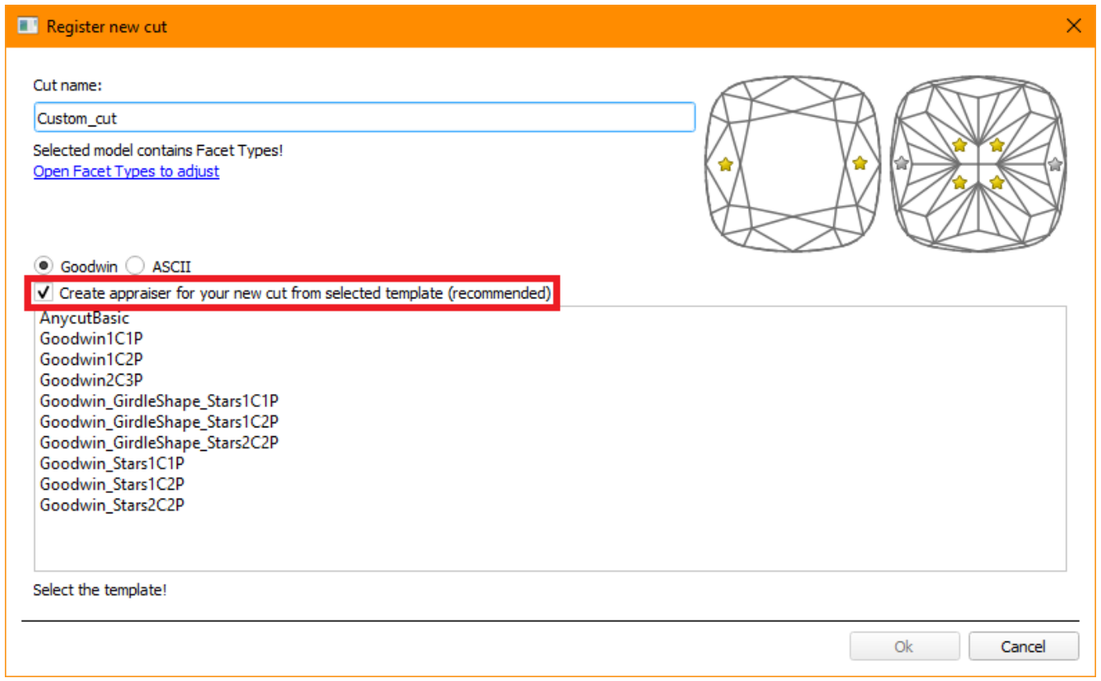
- 1.1 Control angles for in-house cuts
- 1.2 Goodwin improvement for 2-tier pavilion cuttings

Definitely "Goodwin"!

Goodwin is an advanced type of in-house cut which compared to the previous generation of cuts (aka ASCII-cuts) has more precise control over the cut geometry when changing the parameters, and also allows controlling the slopes of main facets.

The ASCII option is still present for support of clients who doesn't want to use advantages of Goodwin technology.

Create own appraiser?



2021-07-08 - HP Carbon 1.2.92

- 1.1 Own Appraiser for Custom Cut
- 1.2 Multiple Cuts Mode for Appraisers

2021-07-30 - HP Carbon 1.2.95

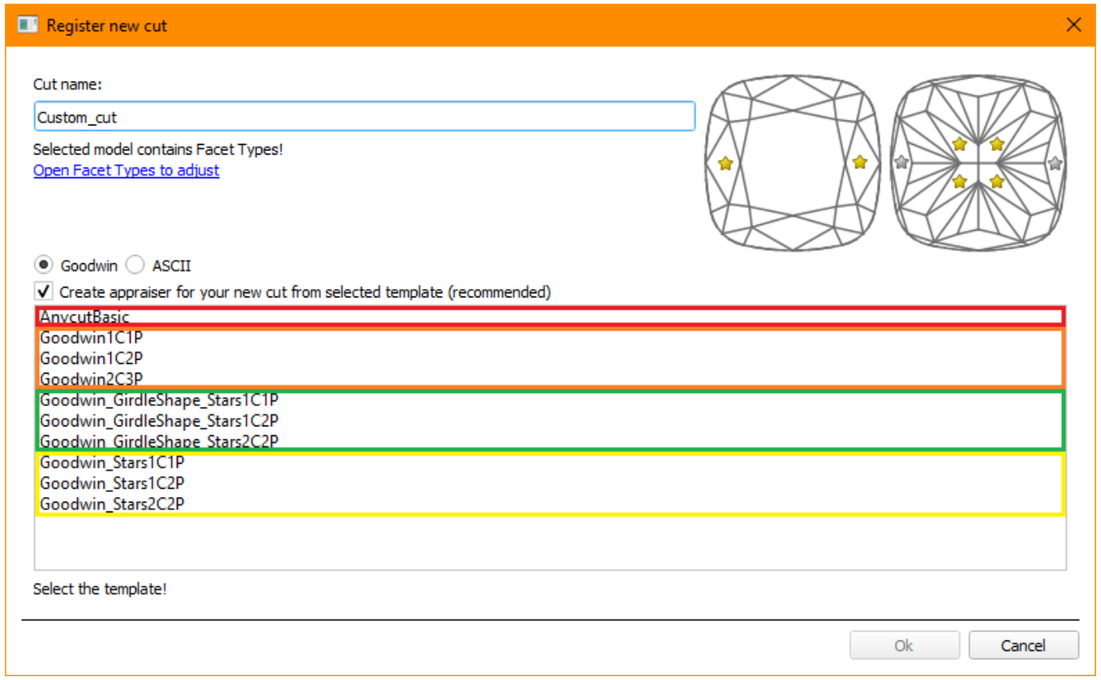
- 1 In-house cuts and hybrid appraisers overview
- 2 Create hybrid appraiser for in-house cut
- 3 Automatic appraiser selection

Definitely "Yes"!

Ability	No	Yes
Using absolute appraisers in Multiple Cuts mode.	Yes*	Yes
Using composite (absolute+relative) appraisers in Multiple Cuts mode.	No	Yes
Creating own appraiser for each custom cut.	No	Yes
Editing own appraiser via the user interface.	No	Yes
Automatic detection and presenting in the user interface of the link between cut and its appraiser/active profile.	No	Yes
Using simultaneously RBC (including optimization by GIA Facetware) and Custom Cuts in Multiple Cuts mode.	No	Yes
Getting Smart Recut solutions for multiple selected cuts simultaneously.	No	Yes
Getting Smart Recut solutions for a larger diamond in the multi-diamond solutions.	Yes	Yes
Getting in one click Smart Recut solutions for both diamonds in the multi-diamond solutions.	No	Yes
Automatic switch to correct appraiser when selecting a solution with a different cut.	No	Yes

In case of "No," the cut will be created based on the general MyAnyCut appraiser. It will operate and be graded according to its one for all boundaries.

Which appraser evolution stages to choose?



2022-08-17 - HP Carbon 1.5.3

- Executive summary
- 1 Goodwin Cut. Process flow
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2023-01-19 - HP Carbon 1.7.6

- 2 Gold and Silver Stars in Facet Types

2025-12-11 - HP Carbon 3.0.3

- 1.1 Shape Deviation

The green option is recommended for rounded fancy cuts. The necessity and usefulness of the green option for step cuts are still under question, so both green and yellow options are possible for them.

AnycutBasic : Goodwin type cuts support AnycutBasic appraiser as well, but with the lack of important advantage of having slope angles in the appraiser.

Goodwin* : The appraiser control Crown and Pavilion Slopes. The selection of the most important cut facets is performed automatically. The only advantage of this type of templates over other options is the 2C3P version, which is well suited for rectangular cushions with a two-tier pavilion.

Goodwin_Stars* : The appraiser control Crown and Pavilion Slopes. The selection of the most important cut facets is done by the user using gold and silver stars. This prevents the desynchronization of values at all stages of the diamond's life cycle.

Goodwin_GirdleShape_Starts* : The appraiser **additionally** control the Shape Deviation parameter, responsible for the beauty of the girdle shape. It includes all the advantages of the Goodwin_Stars*

Video | Gold and Silver Stars in Facet Types				
Published:	2022, December 16	**Last Updated:**	2021, December 16	**v.2.0**
Your browser does not support the HTML5 video element				
Video summary: • New attributes for Facet Types are introduced - Gold and Silver Stars • Gold and Silver Stars symbolize the primary and additional slope angles. • When registering a new Goodwin Cut, you can choose the template that is most appropriate for your cut and appraiser requirements. • When registering you can open Facet Types to adjust the stars. - The slope angles are the same in the appraiser, in the Standard and in the i3D mini reports. And Cutwise gets the same values.				
Video keywords: Gold Stars, Silver Stars, Facet Types				

Data: PrincessDemo.ox2z		
Published in:	**Release Notes**	2023-01-19 - HP Carbon 1.7.6
	Documentation	NA
	Playlists	NA
	Also	As Separate Page | Specification

Video | Shape Deviation parameter				
Published:	2024, December 13	**Last Updated:**	2025, June 20	**v.1.8**
Your browser does not support the HTML5 video element				
Video summary: • Introducing the new parameter: "Shape Deviation" • These parameters help to compare how the girdle shape differs from the ideal shape, just like the 2RRoundness parameter does for the Brilliant cut. • Parameter is used in appraisers, reports, SmartRecut, scan reports				
Video keywords: Parameters, girdle shape, comparison with ideal shape, quality control, reports				
Data	ShapeDeviation_demo.ox2z ShapeDeviation_scan_demo.ox2z			
Published in:	**Release Notes**	2025-12-11 - HP Carbon 3.0.3		
	Documentation	N/A		
	Playlists	N/A		
	Also	As Separate Page | On YouTube | Specification		

What is suffix 1C1P / 1C2P / 2C2P / 2C3P ?

2022-08-17 - HP Carbon 1.5.3

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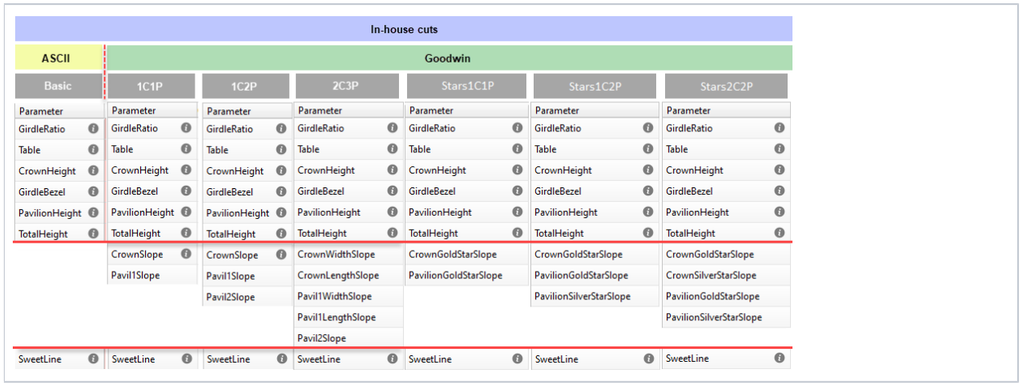
2023-01-19 - HP Carbon 1.7.6

- 2 Gold and Silver Stars in Facet Types

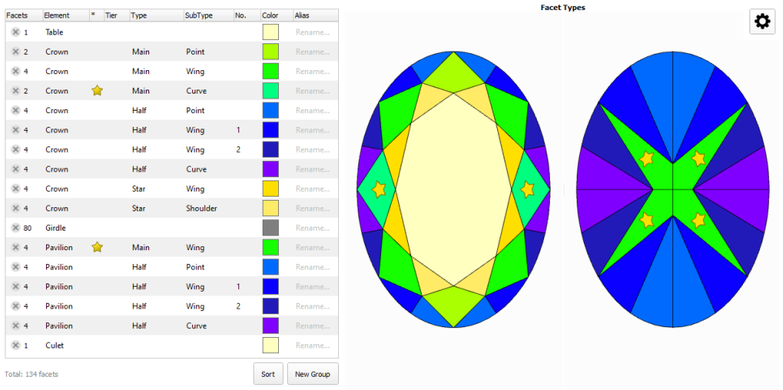
In addition to ASCII parameters, for Goodwin cuts, you will be able to control:

- 1 / 2 rown slope
- 1 / 2 / 3 pavilion slopes



Examples

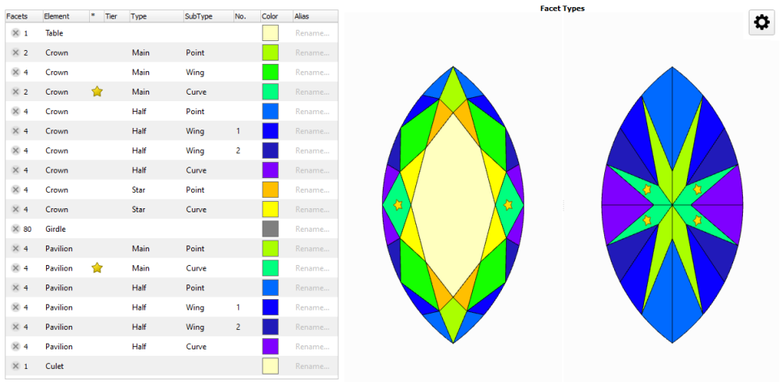
Cut sample	Description	Preferable template



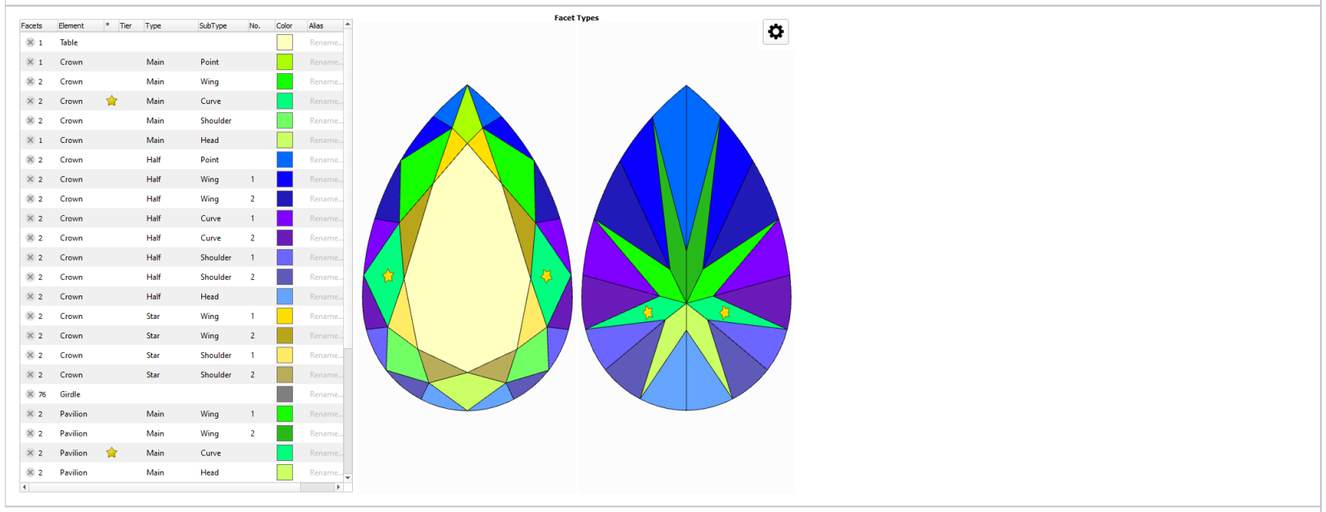
Facets	Element	*	Tier	Type	SubType	No.	Color	Alias
1	Table							Rename...
2	Crown			Main	Point			Rename...
4	Crown			Main	Wing			Rename...
2	Crown	★		Main	Curve			Rename...
4	Crown			Half	Point			Rename...
4	Crown			Half	Wing	1		Rename...
4	Crown			Half	Wing	2		Rename...
4	Crown			Half	Curve			Rename...
4	Crown			Star	Wing			Rename...
4	Crown			Star	Shoulder			Rename...
80	Girdle							Rename...
4	Pavilion	★		Main	Wing			Rename...
4	Pavilion			Half	Point			Rename...
4	Pavilion			Half	Wing	1		Rename...
4	Pavilion			Half	Wing	2		Rename...
4	Pavilion			Half	Curve			Rename...
1	Culet							Rename...

Total: 134 facets

Sort | New Group



Facets	Element	*	Tier	Type	SubType	No.	Color	Alias
1	Table							Rename...
2	Crown			Main	Point			Rename...
4	Crown			Main	Wing			Rename...
2	Crown	★		Main	Curve			Rename...
4	Crown			Half	Point			Rename...
4	Crown			Half	Wing	1		Rename...
4	Crown			Half	Wing	2		Rename...
4	Crown			Half	Curve			Rename...
4	Crown			Star	Point			Rename...
4	Crown			Star	Curve			Rename...
80	Girdle							Rename...
4	Pavilion			Main	Point			Rename...
4	Pavilion	★		Main	Curve			Rename...
4	Pavilion			Half	Point			Rename...
4	Pavilion			Half	Wing	1		Rename...
4	Pavilion			Half	Wing	2		Rename...
4	Pavilion			Half	Curve			Rename...
1	Culet							Rename...

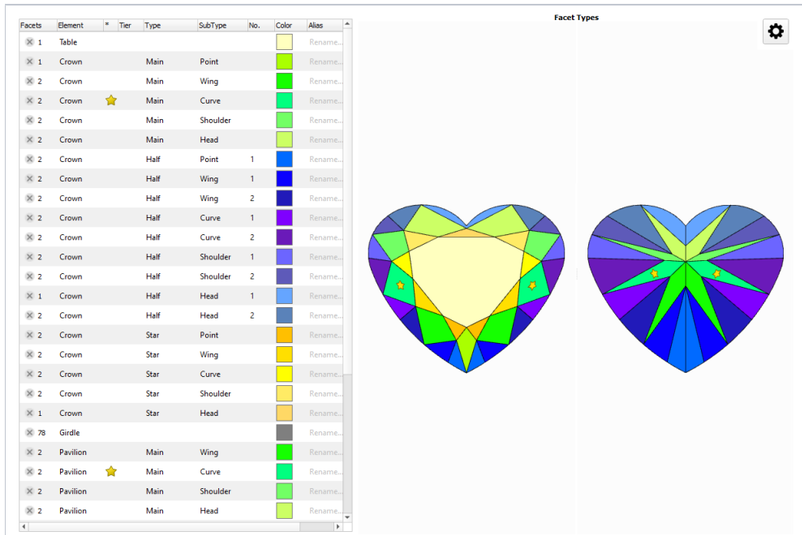


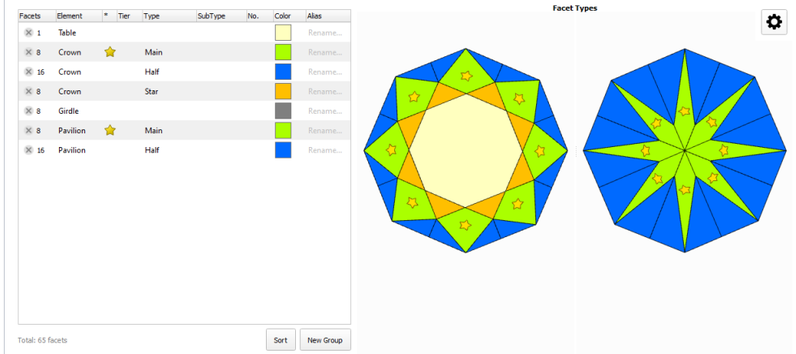
Facets	Element	*	Tier	Type	SubType	No.	Color	Alias
1	Table							Rename...
1	Crown			Main	Point			Rename...
2	Crown			Main	Wing			Rename...
2	Crown	★		Main	Curve			Rename...
2	Crown			Main	Shoulder			Rename...
1	Crown			Main	Head			Rename...
2	Crown			Half	Point			Rename...
2	Crown			Half	Wing	1		Rename...
2	Crown			Half	Wing	2		Rename...
2	Crown			Half	Curve	1		Rename...
2	Crown			Half	Curve	2		Rename...
2	Crown			Half	Shoulder	1		Rename...
2	Crown			Half	Shoulder	2		Rename...
2	Crown			Half	Head			Rename...
2	Crown			Star	Wing	1		Rename...
2	Crown			Star	Wing	2		Rename...
2	Crown			Star	Shoulder	1		Rename...
2	Crown			Star	Shoulder	2		Rename...
76	Girdle							Rename...
2	Pavilion			Main	Wing	1		Rename...
2	Pavilion			Main	Wing	2		Rename...
2	Pavilion	★		Main	Curve			Rename...
2	Pavilion			Main	Head			Rename...

Cuts have 1 tier for a crown and 1 tier for a pavilion. Template must control one angle of the crown (1C) and one angle of the pavilion (1P).

For rounded cuts template must control girldle shape

Goodwin_GirdleShape_Stars1 C1P

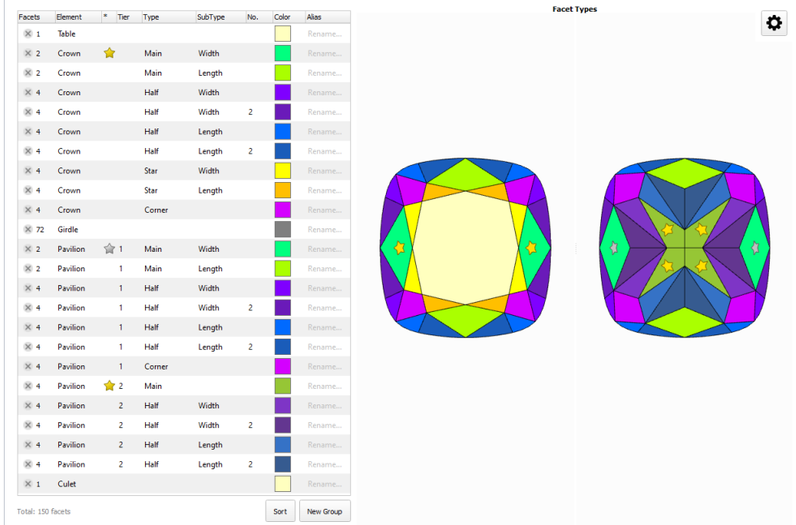




Cuts have 1 tier for a crown and 1 tier for a pavilion. Template must control one angle of the crown (1C) and one angle of the pavilion (1P).

For step cuts girldle shape control is optional

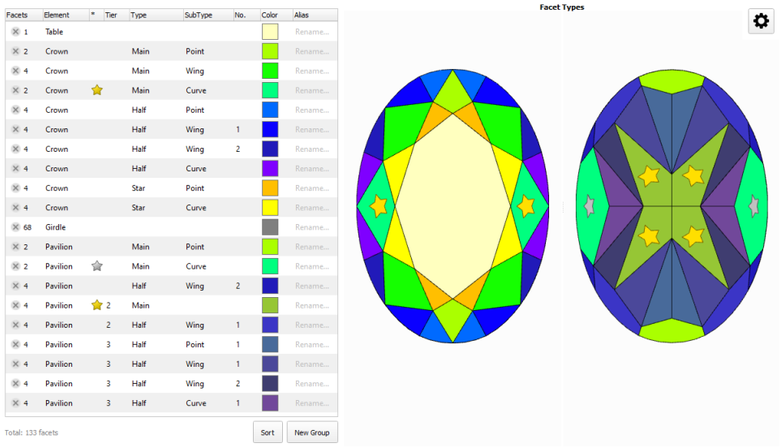
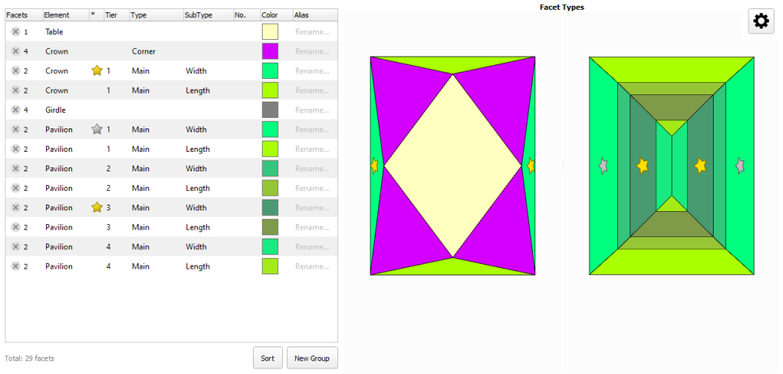
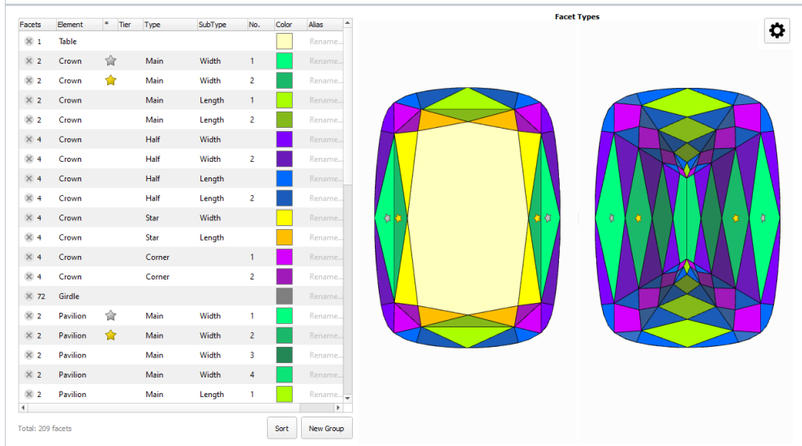
Goodwin_Stars1C1P

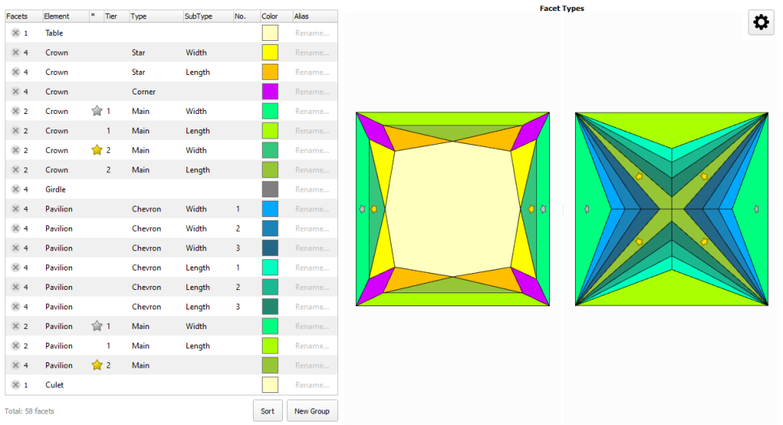


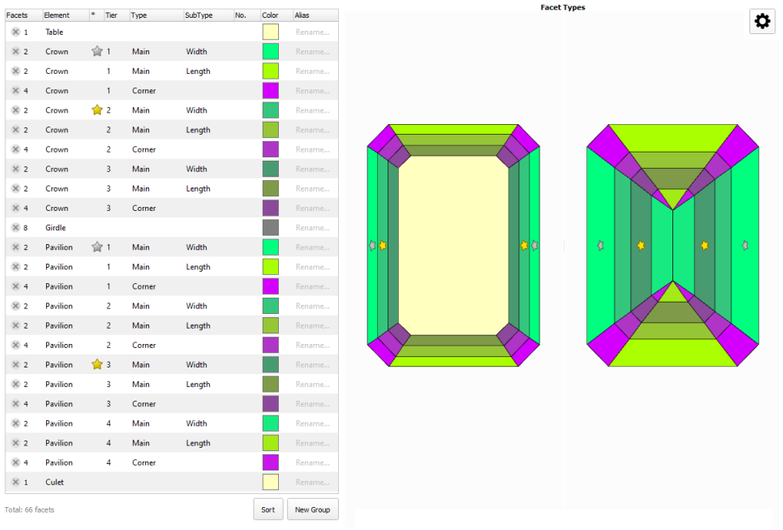
Cuts have 1 tier for a crown and 2 tier for a pavilion. Template must control one angle of the crown (1C) and two angle of the pavilion (2P).

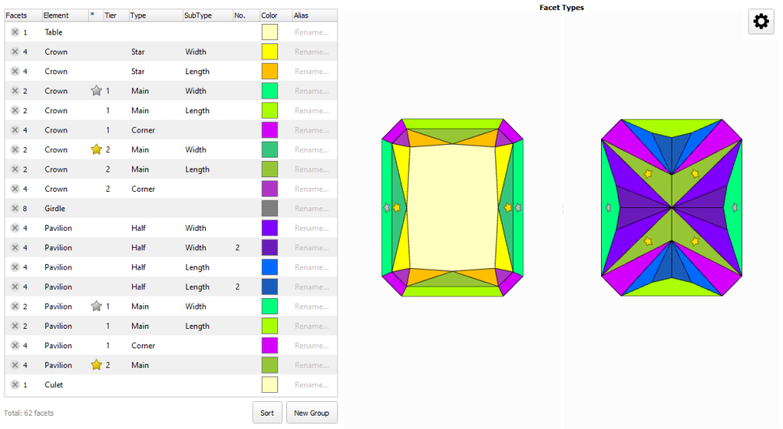
For rounded cuts template must control girldle shape

Goodwin_GirdleShape_Stars1C2P

		
	Cuts have 1 tier for a crown and 2 tier for a pavilion. Template must control one angle of the crown (1C) and two angle of the pavilion (2P). For step cuts girldle shape control is optional	Goodwin_Stars1C2P
	Cuts have 2 or more tiers for a crown and pavilion. Template must control two angle of the crown (2C) and two angle of the pavilion (2P). For rounded cuts template must control girldle shape	Goodwin_GirdleShape_Stars2C2P



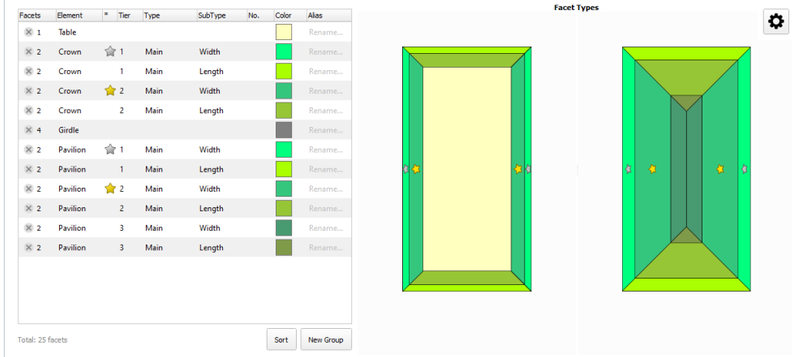
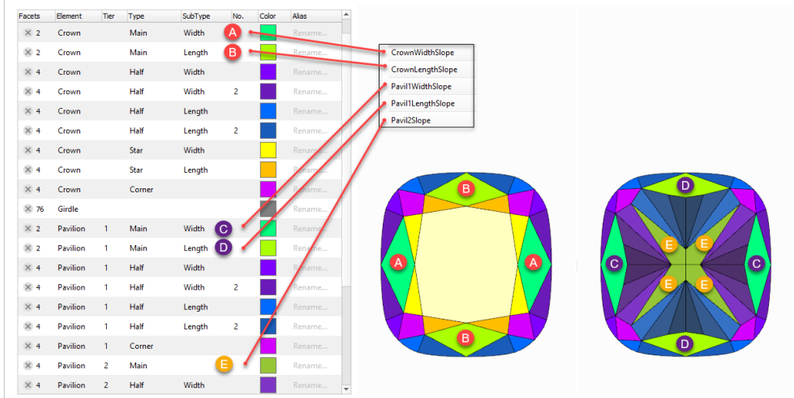




Cuts have 1 tier for a crown 1 tier for a pavilion. Template must control two angle of the crown (2C) and two angle of the pavilion (2P).

For step cuts girldle shape control is optional

Goodwin_Stars2C2P

		
	For rectangular cuts with 2 tiers for a pavilion. Goodwin2C3P allows controlling: * separately of two angles of a crown (2C) * three angles of the pavilion (3P): * two on the 1st tier of a pavilion * one on the 2nd tier of a pavilion But the ability to control the shape of the girdle is lost	Goodwin2C3P (highly specialized choice)

Related Pages

- In-house cut registration
- Workflow - in-house cut registration (diagram)
- Appraisers for specific in-house cuts
- Goodwin
- Algorithms, Appraisers and Profiles