

Next Step Plans

In HP Carbon, as you have your allocated plans, you can select one of them and create *next step plans* for it. Single next step plan is the *stage* of polishing of the stone. The stage is related to the specific facet type; it contains the sequence of *steps*. Each step is related to specific facet and contains information about this facet initial (before polishing) and final (after polishing) states.

In this article:

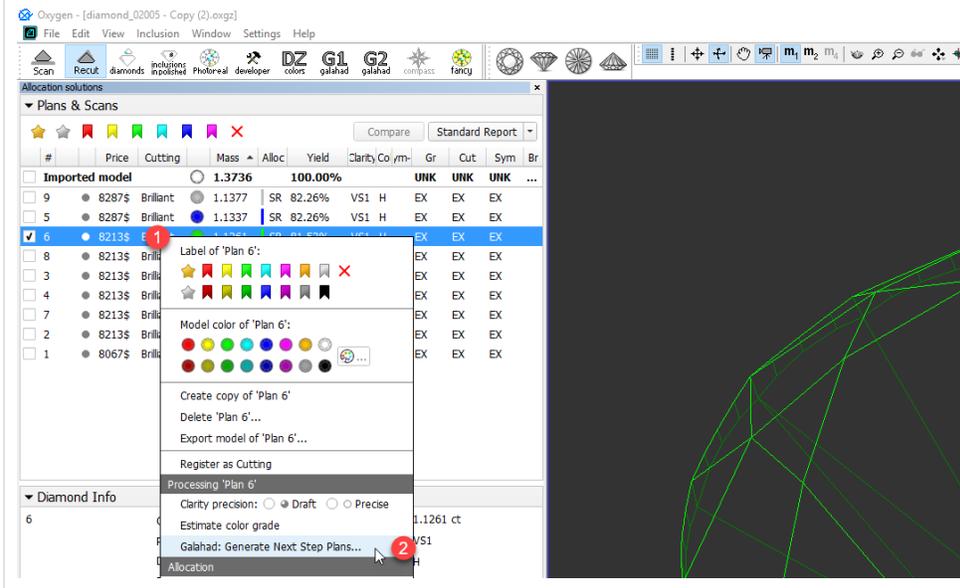
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Creating Next Step Plans

To create a new next step plan:

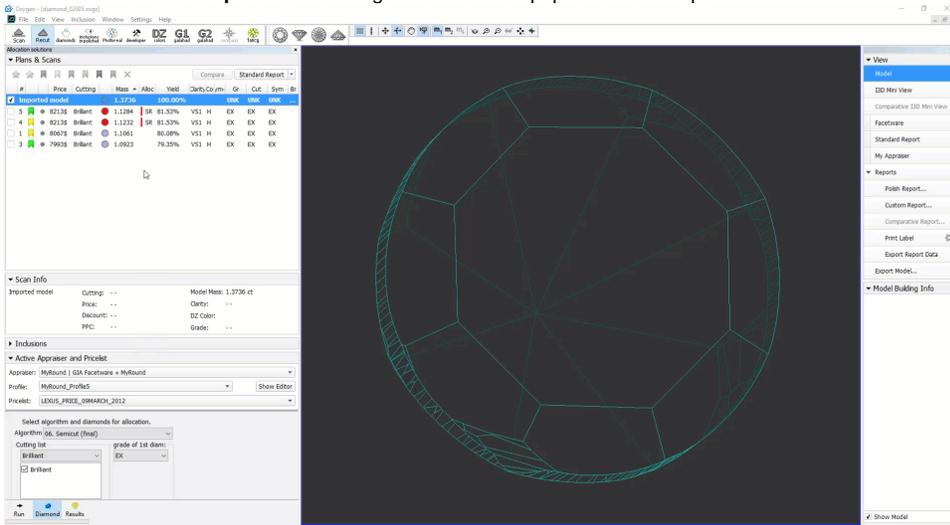
1. In the **Recut** mode, select the target plan.
2. Switch to the **G1 Galahad** mode.

You can also initiate creating next step plan right in the **Recut** mode. To do that, in the **Recut** mode, right-click your target plan, then from the context menu select **Galahad: Generate Next Step Plans...** The **Next Step Plans** panel will be displayed.



3. Click **Generate next faceting stage**. The **Next Step Plans** panel is displayed.
4. Select **Facet type** from the list.
5. Set next step plan **parameters**.

6. Click **Generate Next Step Plans**. The stage is created and populated with steps.



Next Step Plan Parameters

Parameter		Example
Facet type	<p>Next Step Plans ×</p> <p>Facet <u>t</u>ype: <input type="text" value="Crown Main"/></p> <p>F<u>i</u>rst facet azimuth: <input type="text" value="45.2°"/></p> <p>Setting facets sequence: <input type="text" value="Consecutive"/></p> <p>Processing direction</p> <p><input checked="" type="radio"/> Azimuth <u>i</u>ncrease: Pavilion (CCW), Crown (CW)</p> <p><input type="radio"/> Azimuth <u>d</u>ecrease: Pavilion (CW), Crown (CCW)</p> <p>Allowance</p> <p><u>A</u>ngle: <input type="text" value="0.10°"/></p> <p><u>D</u>epth: <input type="text" value="5µm"/></p> <p><input type="button" value="Generate Next Step Plans"/></p>	<p>Table</p> <ul style="list-style-type: none"> Crown Main Crown Half Crown Star Girdle Pavilion Main Pavilion Half Culet
First facet azimuth		

Setting
facet
sequence

8.4°

37.1°

55.3°

82.9°

99.6°

128.6°

146.0°

172.1°

188.9°

218.6°

236.4°

261.1°

278.9°

308.1°

325.9°

350.6°

Crosswise

Through one

Consecutive

Processing direction

Allowance

Processing direction

- Azimuth increase: Pavilion (CCW), Crown
- Azimuth decrease: Pavilion (CW), Crown

Allowance

Angle:
Depth:

