

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.

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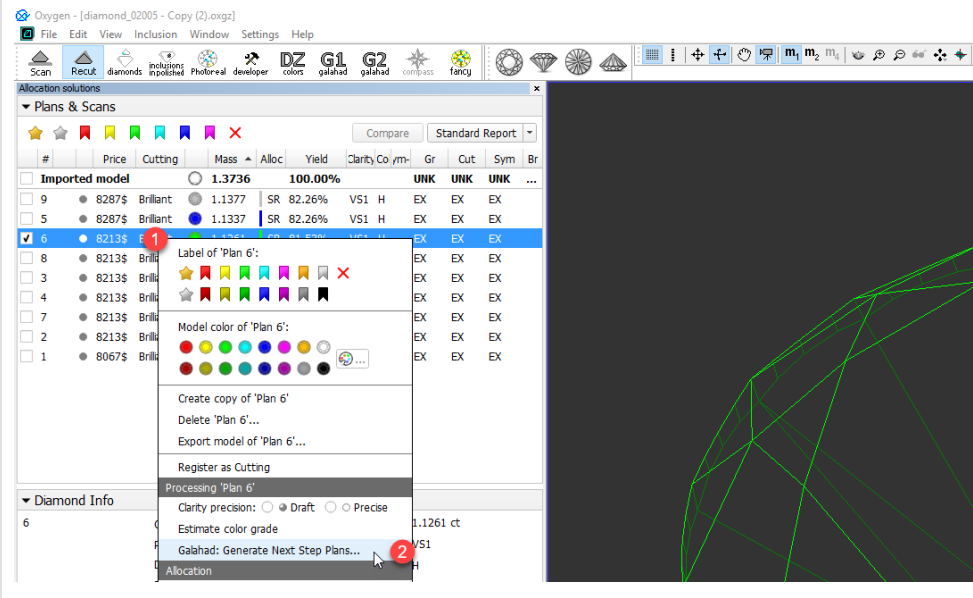
2 [Next Step Plan Parameters](#)

Creating Next Step Plans

To create a new next step plan:

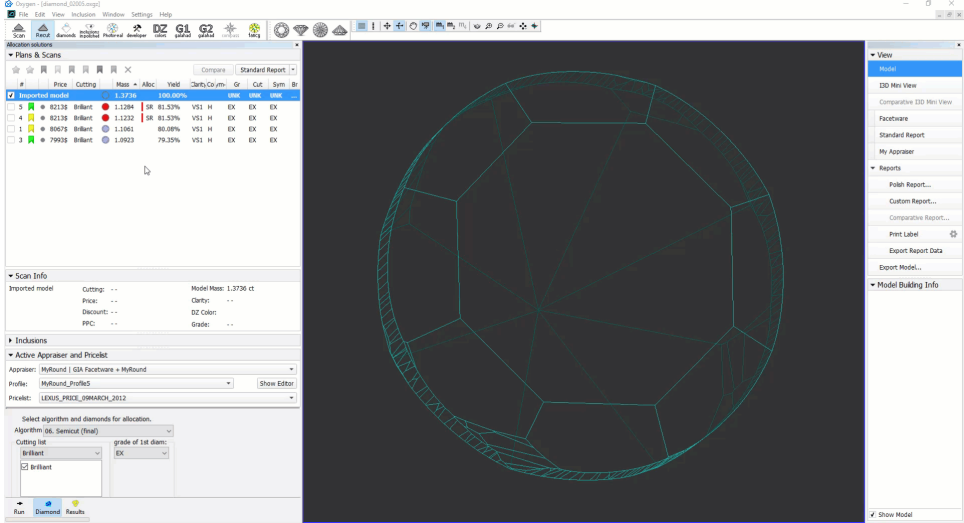
1. In the **Recut** mode, select the target plan.
2. Switch to the **G1 Galahad** mode.

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	<div><div>Next Step Plans</div><div><div>Facet type:</div><div>Crown Main</div></div><div><div>First facet azimuth:</div><div>45.2°</div></div><div><div>Setting facets sequence:</div><div>Consecutive</div></div><div><div>Processing direction</div><div><div><input checked="" type="radio"/> Azimuth increase: Pavilion (CCW), Crown (CW)</div><div><input type="radio"/> Azimuth decrease: Pavilion (CW), Crown (CCW)</div></div></div><div><div>Allowance</div><div><div>Angle:</div><div>0.10°</div></div><div><div>Depth:</div><div>5µm</div></div></div><div><div>Generate Next Step Plans</div></div></div>	<div><div>Table</div><div>Crown Main</div><div>Crown Half</div><div>Crown Star</div><div>Girdle</div><div>Pavilion Main</div><div>Pavilion Half</div><div>Culet</div></div>
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: 2.00°

Depth: 30μm

