

Entering Stone ID and Measured Weight




Stone ID and Scale Weight may or may not be requested in a popup window prior to scanning, depending on the settings made in the [Stone properties](#) dialog. The popup window appears after clicking **Shadow scan**.


For an existing model, Stone ID and Scale Weight are stored in a file together with the model and read upon opening. After being changed, Stone ID and Scale Weight are saved together with the model.

Entering Stone ID


Depending on the settings, the Stone ID may be requested with prompting, or requested without prompting (that is, in a free form), or not requested at all.

The auto-assigned stone ID has predefined format D-%05i-%03i (capital letter D, hyphen, five-digit number, hyphen, three-digit number). The first number is the stone number, the second is the number of scan performed on the same stone. Before running a scan, one of these numbers is auto-incremented. If **Stone ID auto increment** is on, the increment is applied to the stone number. Otherwise it is applied to the scan number.

Request stone properties before scanning	Off	
Automatically generate default Stone ID for new scans	Disabled	
Stone ID auto increment	Disabled	
Settings	<div><div> Settings</div><div><div>Stone Properties</div><div><div><input type="checkbox"/> Request stone properties before scanning</div><div><input type="checkbox"/> Automatically generate default Stone ID for new scans</div><div><input type="checkbox"/> Stone ID auto increment</div></div><div>The second numerical term of Stone ID will be automatically incremented.</div><div>Stone ID Counter: <input type="text" value="100"/></div><div><input type="checkbox"/> Intercept new line in Stone ID</div><div><input type="checkbox"/> Scale Weight is required</div></div></div>	<div><div> Settings</div><div><div>Stone Properties</div><div><div><input checked="" type="checkbox"/> Request stone prop</div><div><input type="checkbox"/> Automatically ge</div><div><input type="checkbox"/> Stone ID au</div></div><div>The second</div><div>Stone ID Count</div><div><input type="checkbox"/> Intercept new li</div><div><input type="checkbox"/> Scale Weight is</div></div></div>
Popup window	None	<div><div> Input Stone Properties</div><div>Please enter Stone ID</div><div>Stone ID: <input type="text"/></div><div>If you need to</div><div>Scale weight: <input type="text"/></div></div>

Clicking the **Next**  button in the **Stone ID** field increases the stone number by 1 and changes the scan number to 001.

Pressing **Enter** either starts scanning or switches focus to the **Scale Weight** field, in case if the latter is enabled.







 If the option **Intercept new line in Stone ID** is checked, then pressing **Enter** while focused on the **Stone ID** field has no effect. In this case, use **Ctrl + Enter** instead.

The **Stone ID** field on the left panel is read-only and displays the Stone ID of the current model. If there is no current model or it has no Stone ID, the field is displayed empty.

Models

	Model	Mass	m	Gr	Cut	Sym
<input checked="" type="checkbox"/>	Shadow scan	0.8557		VG	VG	EX

Scan & Build

Edit main scan:      

Cuttings:

☒ Brilliant

☐ Princess

☐ P-O-M-H-R

☐ AnyCut

☐ StepCut

☐ Asian Star

☐ Emerald

☐ Polish Polyhedron

☐ Cushion

☐ Rough Polyhedron

☐ Sample:

Scan precision:

☐ High Accuracy: 800 contours
1 min 2 sec

☒ Accuracy: 400 contours
32 sec

☐ Optimum: 200 contours
17 sec

☐ Quick: 100 contours
10 sec

Stone ID:

Shadow scan

☒ Pump

Rotate to Door:

First Facet

Selected Facet





Print

Save

Report

Entering Scale Weight

Depending on the settings, the Stone ID may or may not be requested before scanning.

Scale Weight is required	Off	
Settings	 Settings <div> Stone Properties <div> <input checked="" type="checkbox"/> Request stone properties before scanning <div> <input type="checkbox"/> Automatically generate default Stone ID for new scans <div> <input type="checkbox"/> Stone ID auto increment The second numerical term of Stone ID will be automatically incremented Stone ID Counter: <input type="text" value="12314"/> </div> </div> <input checked="" type="checkbox"/> Intercept new line in Stone ID The Enter key will be disabled. Use Ctrl+Enter shortcut instead. <div> <input type="checkbox"/> Scale Weight is required </div> </div> </div>	 Settings <div> Stone Properties <div> <input checked="" type="checkbox"/> Request stone properties before scanning <div> <input type="checkbox"/> Automatically generate default Stone ID for new scans <div> <input type="checkbox"/> Stone ID auto increment The second numerical term of Stone ID will be automatically incremented Stone ID Counter: <input type="text" value="12314"/> </div> </div> <input checked="" type="checkbox"/> Intercept new line in Stone ID The Enter key will be disabled. Use Ctrl+Enter shortcut instead. <div> <input checked="" type="checkbox"/> Scale Weight is required </div> </div> </div>
Popup window	 Input Stone Properties <div> Please enter Stone ID before scanning Stone ID: <input type="text"/> <div>Use Ctrl+Tab shortcut to increment Stone ID.</div> Scale weight: <input type="text"/> <div> <input type="button" value="OK"/> <input type="button" value="Cancel"/> </div> </div>	 Input Stone Properties <div> Please enter Stone ID and ! Stone ID: <input type="text"/> <div>Use Ctrl+Tab shortcut to increment Stone ID.</div> Scale weight: <input type="text"/> </div>

The experimentally determined stone weight is entered in the **Scale weight** field. The scale weight could be extracted from a free-form string of the following kind:

- 1.03
- 1,
- 3,00000
- Weight: 1.03 ct
- Weight: 1
- Weight: 1ct
- 1ct
- 1.2ct
- 1.47 ct
- 2.83 carats
- 999.32456 ct

Dot as well as comma could be used as the delimiter at user input or insertion in the **Scale weight** field. The Scale weight value is extracted, the comma is replaced by the dot, and the units postfix "ct" is appended to the final value.

After the **Scale weight** value have been set:

- When the **Tab** key is pressed, or the **Scale weight** field loses focus, the entered value is checked. If the value is valid, the focus is transferred to the **OK** button.
- When the **Enter** key is pressed, the entered value is checked. If the value is valid, the scanning begins.
- If the **Scale weight** value is invalid, the focus remains in the **Scale weight** field, and its contents is cleared.