

# Selection Tools - User Manual

## Introduction

*Selection Tools* is a plugin for Rhino 3D, designed to provide additional selection tools.

## Plugin installation

The plugin installer can be downloaded at: <https://www.tomkod.com/product/selection-tools/>  
A free trial is included, and yearly licenses can be purchased on the aforementioned page.  
*Selection Tools* works only for Rhino 6 <sup>1)</sup>.

Our *Selection Tools* plugin is also compatible with Yak, Rhino's new package manager. You can install it from the repository with the following command line:



```
C:\WINDOWS\system32\cmd.exe
D:\Program Files\Rhino 6\System>yak install selectiontools
Downloading SelectionTools (1.0.2-rc)...
Downloaded SelectionTools (1.0.2-rc)
Installing SelectionTools (1.0.2-rc)...
Successfully installed SelectionTools (1.0.2-rc)
D:\Program Files\Rhino 6\System>
```

## License activation

### Prerequisites

The free evaluation can be used once per computer, and requires network access to [www.license.tomkod.com](http://www.license.tomkod.com)

The license activation requires network access to [www.tomkod.com](http://www.tomkod.com)

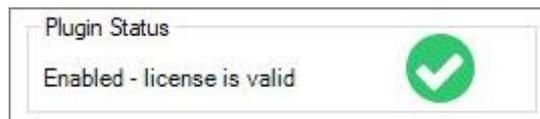
Please check your firewall in case of failure.

### Activation form

The activation window automatically shows up when the plugin is loading and a valid license or trial is not registered. If you want to see, change or remove your license while the plugin is already loaded, you can use the Rhino commands **PluginName\_License**.

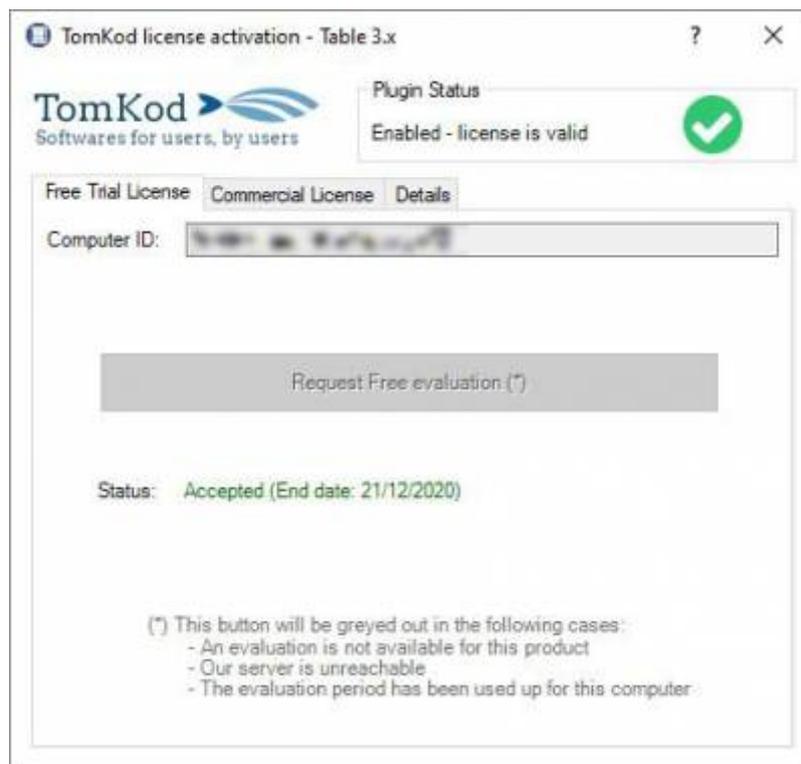
Activation status is always visible on the upper right corner of the form, if the icon is green your

plugin will be enabled:



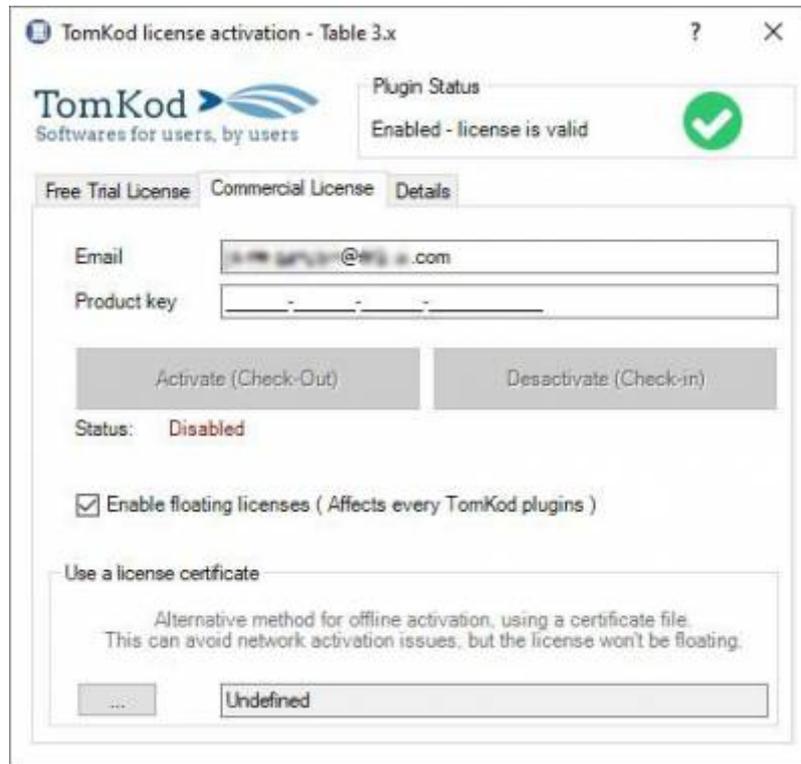
### Trial Tab

This first tab is dedicated to the trial requests. Your trial status is displayed, and the button is disabled if a trial is not available for your computer (Your trial has already been activated, or the server is unreachable)



### Commercial Tab

This tab's two main buttons let you Check-out (Activate) or Check-in (Desactivate) your license from our license server.



When the checkbox *“Enable floating licenses”* is checked, every TomKod's plugin will try to deactivate the license automatically when closing (Making it available for another of your computers)

Finally, a license certificate (\*.TkLic) can be selected at the bottom of this tab. It allows to activate a license offline, but the license won't be floating anymore. If you need one, contact us at <https://www.tomkod.com/contact/>

## Toolbar

The toolbars for Rhino are always included in your plugins installation directory, or can be downloaded [here](#).

You just have to drag/drop the file *“Tomkod.rui”* to a rhino window to install them.

## Features and commands

### SelectionTools\_About



### SelectByName

Almost the same command as *\_SelName*, except that instead of choosing the name in a list you pick an object in the model. Every object with the same name will be selected.

## Walkthrough



Todo

## SelectByType

Pick an object type in a list to select every object of this type. The list only contains the object types existing in the model.

## Walkthrough



Todo

## SelectByVolume

Select extrusions or closed polysurfaces with the same volume, which is useful to find symmetrical parts or duplicates.

## Walkthrough



Todo

## Options

<b>Tolerance</b>	Optional tolerance
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## SelectDuplicateItems

Select every duplicated closed polysurfaces based on their volumes and areas.



Symmetrical parts will obviously be considered identical, having both the same areas and volumes.

## Walkthrough

 Todo

## Options

<b>MinimumNumber</b>	A minimum number can be set. For exemple if set to 3, the selection will ignore duplicated items when there are only two of them.
<b>Tolerance</b>	Optional tolerance

## SelectOneObjByName

Select only one object per existing name in the whole model. Useful when readying the model before detail drawings.

## Walkthrough

 Todo

1)

Rhino6.15 or later

From: <https://wiki.tomkod.com/> - TomKod knowledge base

Permanent link: <https://wiki.tomkod.com/doku.php?id=start:plugins:selectiontools:selectiontools-usermanual&rev=1600173532>

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