USER GUIDE / VERSION 0.2.3

NT Islamic Calligraphy

Popular Islamic calligraphy designs for raised lettering and decorative edge carving in SketchUp.

1. Install the extension

1. Extract the outer download ZIP. Locate **NT_Islamic_Calligraphy_v0.2.3.rbz** inside it. Keep the RBZ intact; do not extract or edit its contents.

2. Open SketchUp desktop and open **Extension Manager** from the Extensions menu. Click **Install Extension** and select the RBZ file.

3. Close all SketchUp windows and restart SketchUp. Check that NT Islamic Calligraphy is enabled in Extension Manager.

4. On Windows, open **View > Toolbars** and enable **NT Calligraphy Tools**. Its three buttons open lettering, edge carving and settings.

This release has been tested by Nice Tower in SketchUp 2026 on Windows. SketchUp for Web cannot load this desktop RBZ extension.

Upgrading from an earlier build

Save your work first. If older builds conflict or the version shown is incorrect, uninstall the earlier NT Islamic Calligraphy extension through Extension Manager, restart SketchUp, install this release and restart again. Keep your purchased license key available.

What is included

The same installer provides five free designs and previews of Pro designs. Design data is included in the package; separate design downloads are not required. Pro access requires activation.

Support: support@nicetowers.com
Website: nicetowers.com

Activate & place a design

2. Activate Pro

Connect to the internet, open the plugin and click **Activate License**. Paste your purchased NT Islamic Calligraphy key, then click **Activate / Check**. Confirm that the main window shows **Pro activated**. NT Smart Panel keys do not activate this separate product.

A standard Pro license supports **two devices**. To move a seat, connect to the internet and choose **Deactivate here** on the old installation before activating the new one. Contact support if you no longer have access to the old device.

After successful online validation, Pro can work offline for up to **7 days**. Reconnect and validate the license when needed. This is a license-check interval, not a seven-day purchase or trial. Do not share your key in screenshots or videos.

3. Create raised lettering

1. Open **Raised lettering** from the toolbar or Section selector. Choose a category and design. Use the Free / Pro filter and search field to narrow the list.

2. Click **Pick surface**, then click a flat face. Circular, arched, rounded and polygonal boundaries are supported. A curved object wall is not a flat face. For a face inside a group or component, unlock it if needed; open its editing context if direct picking is unavailable.

3. Adjust width, height, horizontal and vertical position, rotation and thickness. Values are in millimetres, except rotation in degrees. Keep proportions preserves the design aspect ratio.

4. Check the preview and status message. Click **Apply**, or double-click the placement in the model to apply it. A successful double-click also closes the plugin window. **Cancel** or **Esc** exits the preview.

4. Create decorative edge carving

Switch to **Edge carving**, choose a compatible design and pick a flat face. Set **Depth (mm)** and **Groove width**. The five width options are 50%, 75%, 100%, 125% and 150%; groove width also changes with overall design size.

The cross-section graphic explains depth and width; the placement preview stays flat. Final three-dimensional grooves are built on Apply. Fine strokes taper, and local groove width and depth vary with the design.

Edit, export & troubleshoot

Keep the surface and add another design

Carving output is grouped, and the original source face is preserved hidden. The face perimeter, existing holes and source material are retained. To add another design, pick the resulting panel again and position a non-overlapping design within its boundary. Use **Edit last** to change the latest design on the selected result. Use SketchUp Undo to restore the previous state.

5. Export for CNC preparation

Select the **completed NT Islamic Calligraphy group**, then click **Export CNC**. A preview or the original guide face is not an exportable result.

Raised lettering: saves a ZIP containing DXF geometry, SVG geometry and a dimensions PDF. **Edge carving:** saves an STL of the selected engraved surface in millimetres, without an added backing.

Exports are geometry for workshop/CAM preparation, not ready-to-run machine instructions. In CAM, verify units, dimensions and geometry, then define stock, cutter, toolpaths and cutting settings. An engraved surface STL may require a backing or solid preparation for your workflow.

Troubleshooting

Common issues

Apply is disabled or no result appears: read the status message at the bottom. Pick a valid face and keep the entire design inside its boundary, clear of existing holes and other carved designs. Pro designs require an active license.

A gap or fine-face error is reported: the original surface is preserved. Try a wider groove or larger design, then apply again. Avoid repeatedly clicking Apply while generation is running.

Generation takes time: detailed designs and textured surfaces can take longer. Start with one design and moderate dimensions; allow the current build to finish before another action.

Toolbar is missing: enable NT Calligraphy Tools under View > Toolbars on Windows. Confirm the extension is enabled, then restart SketchUp.

Activation fails: check your internet connection, license key and device limit. Use Activate / Check again. Send support the exact error message, plugin version and SketchUp version; do not send payment-card details.

Get Pro or contact us

Use **Buy Pro - Website** in the plugin, or visit:
https://nicetowers.com/nt-islamic-calligraphy-pro
Support: support@nicetowers.com