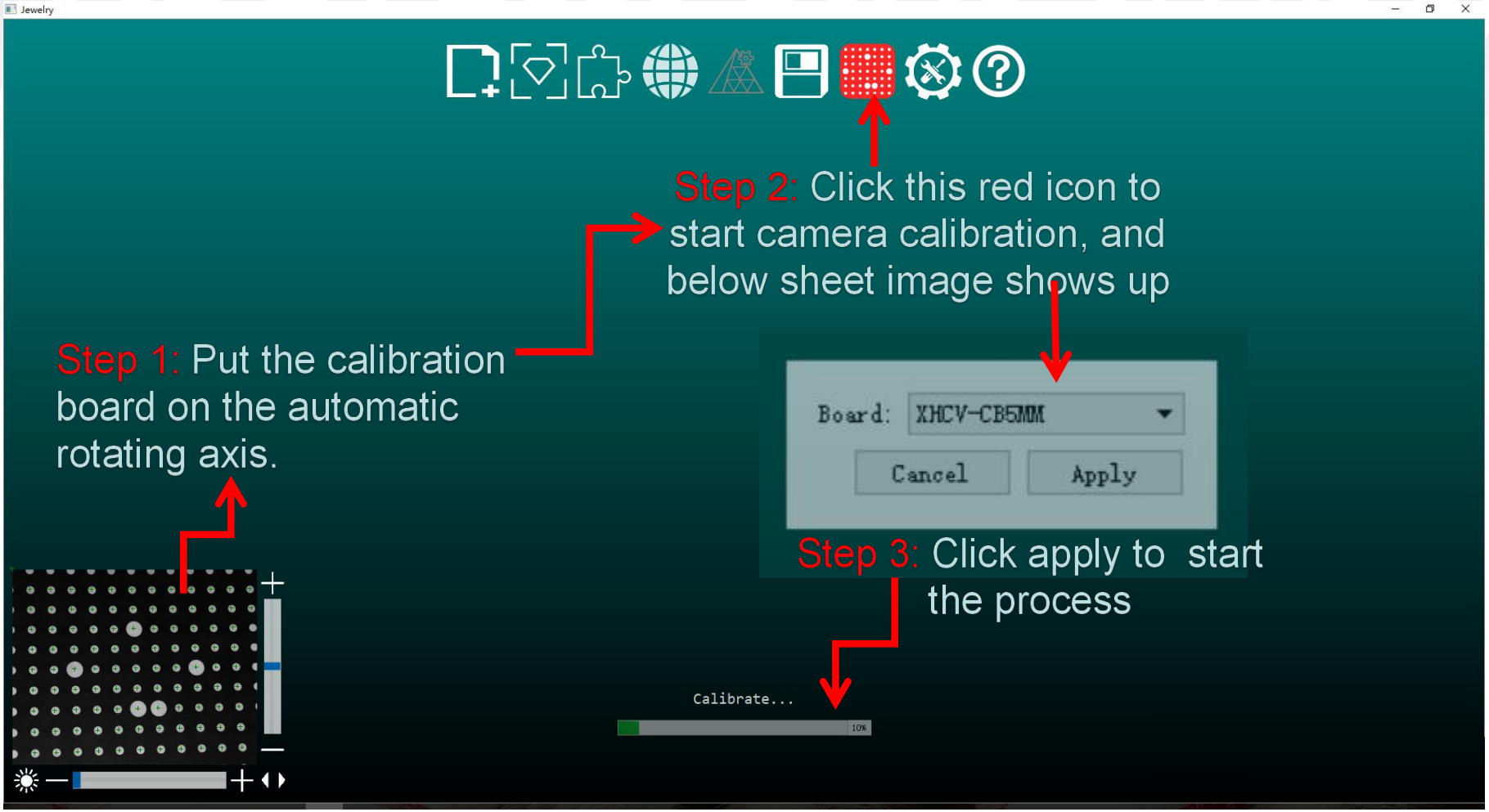
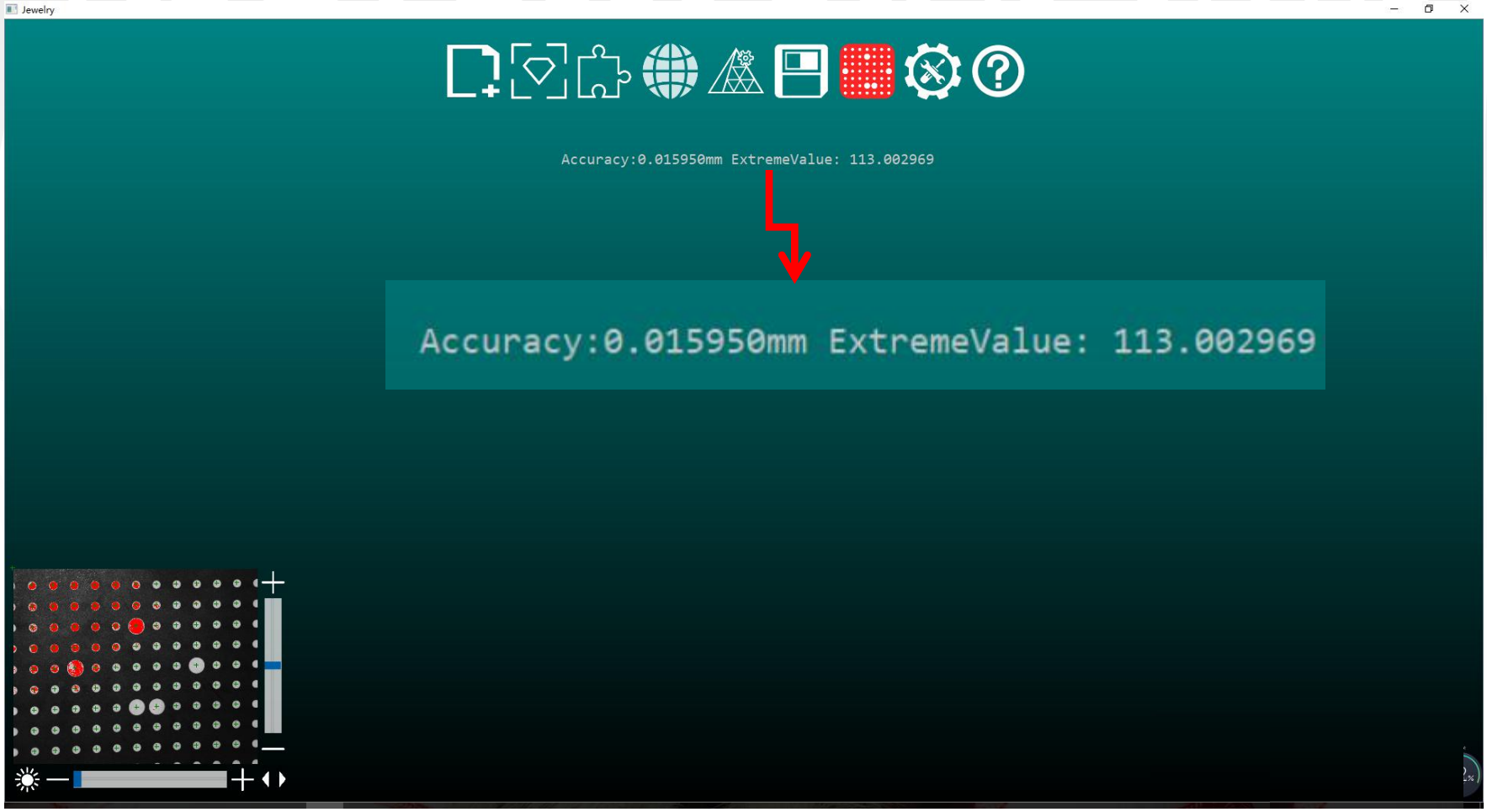
3D tiger APEX™ SCANNER

OPERATION MANUAL

Section 1.1: Start Camera Calibration



Section 1.2: Finishing Camera Calibration



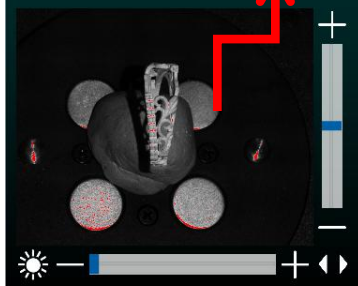
Section 2.1: Scanning

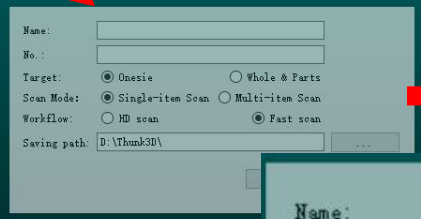
Jewelry

Step 2: Select the following icon to start the scanning process. The following menu will appear

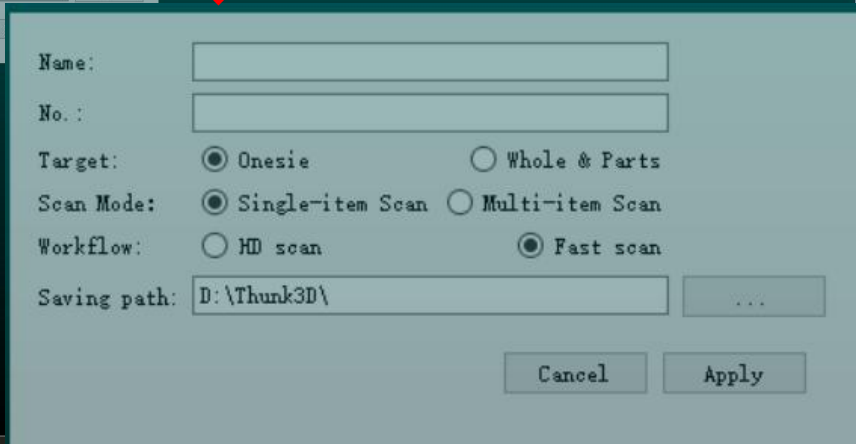
Accuracy:0.015950mm ExtremeValue: 113.002969

Step 1: Place the object to be scanned on the automatic rotating axis

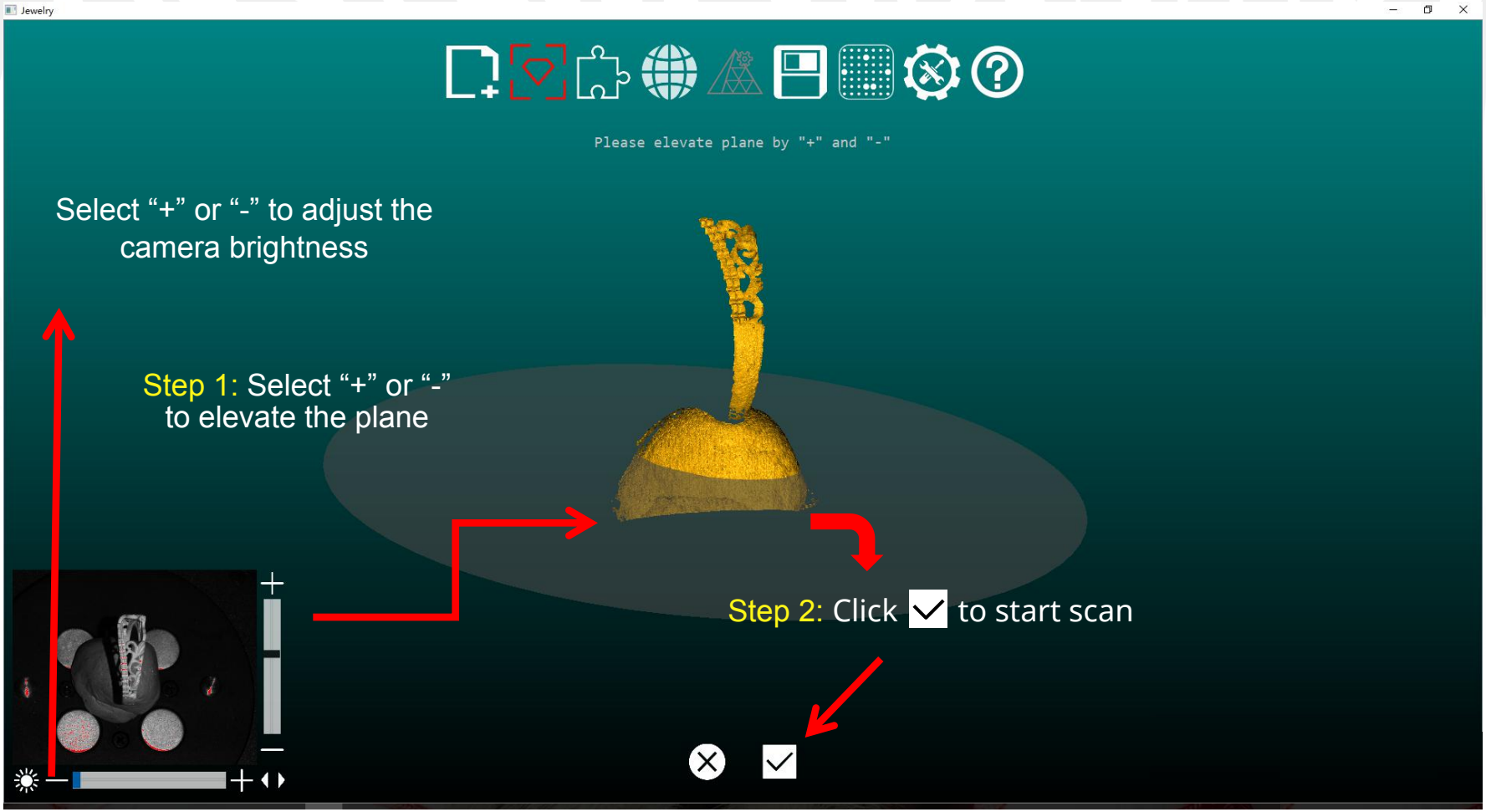




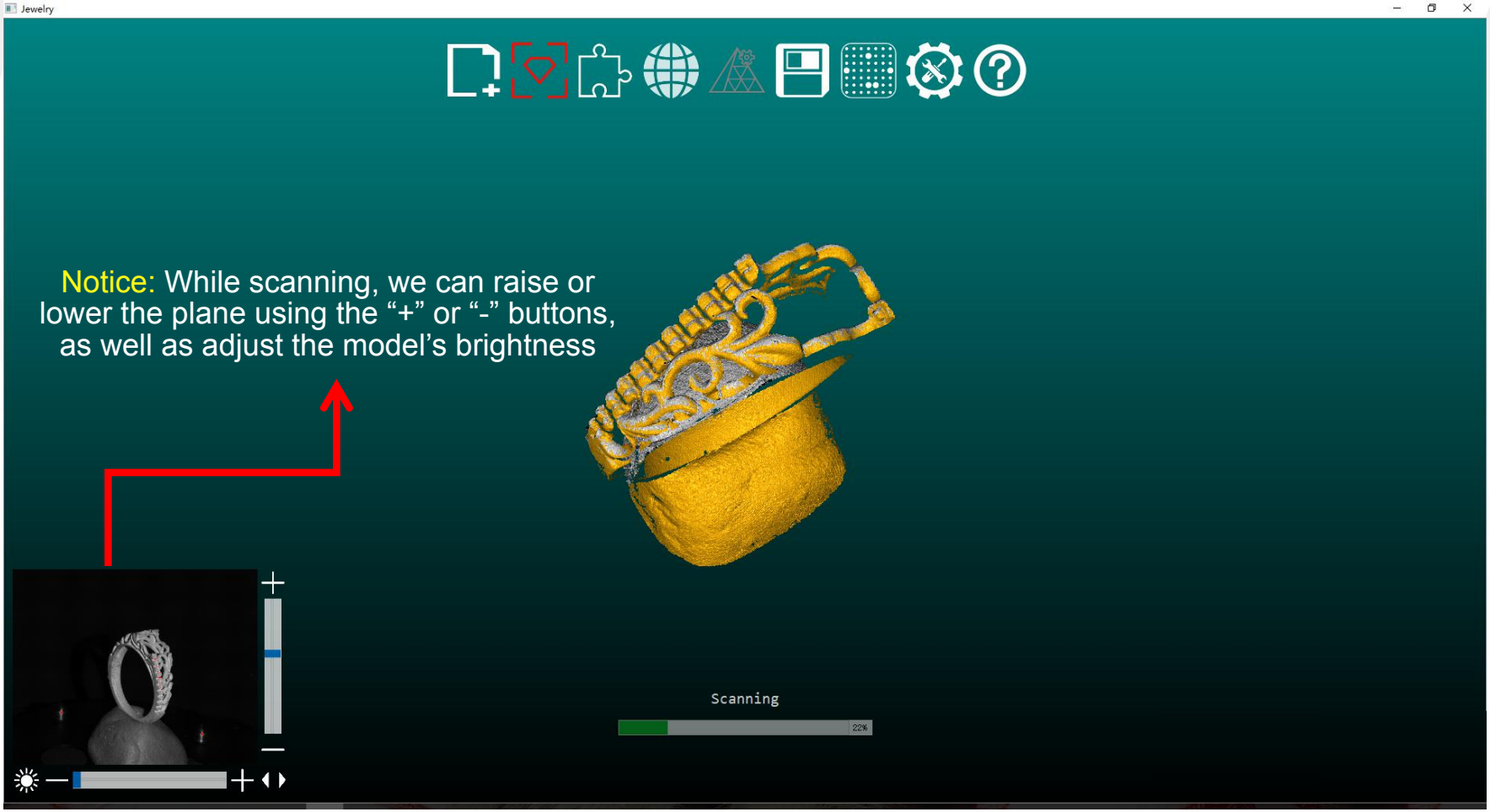
Step 3: Choose your preferred setting and click “apply” to start scanning



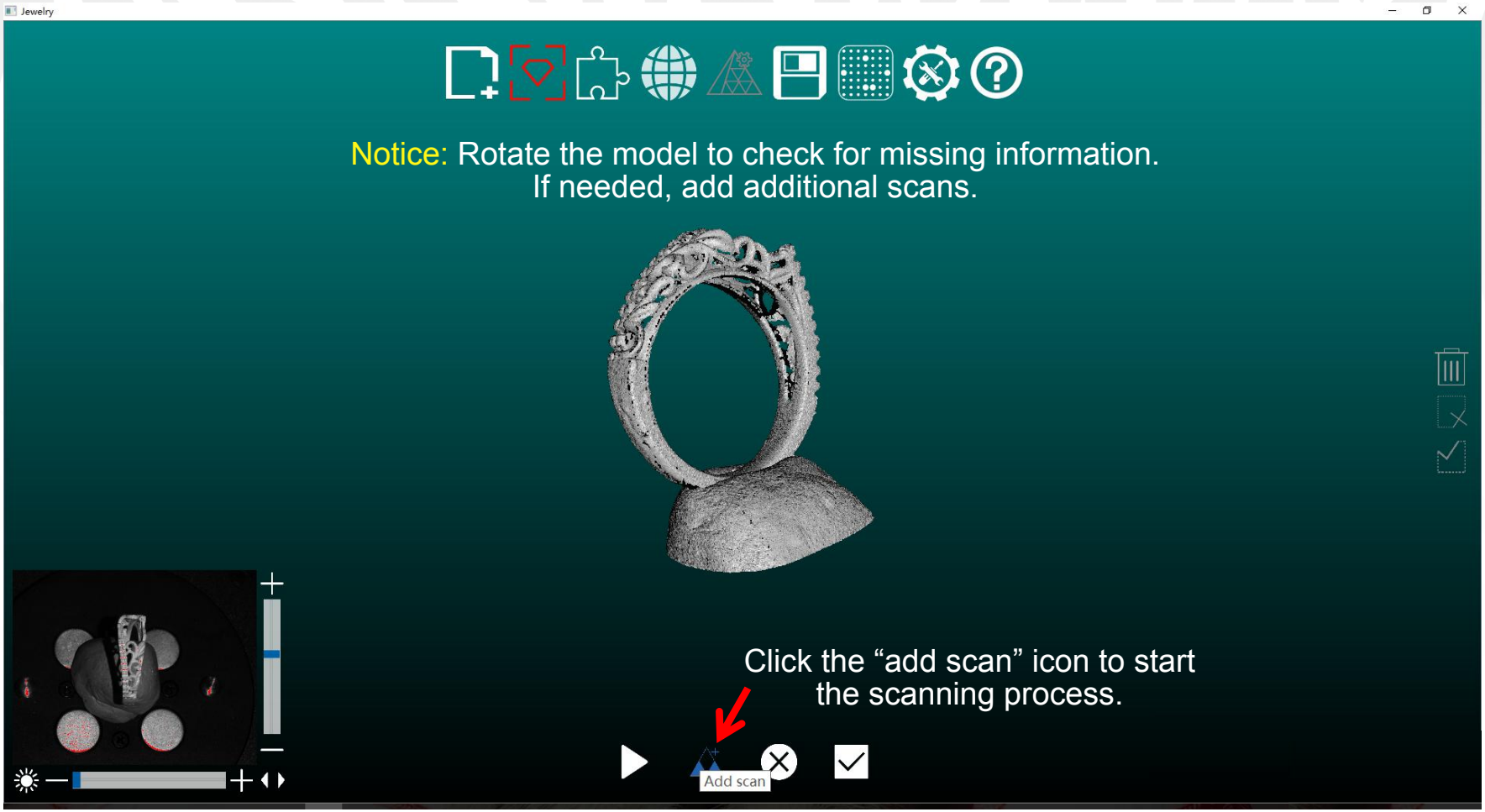
Section 2.2: Plane Adjustment



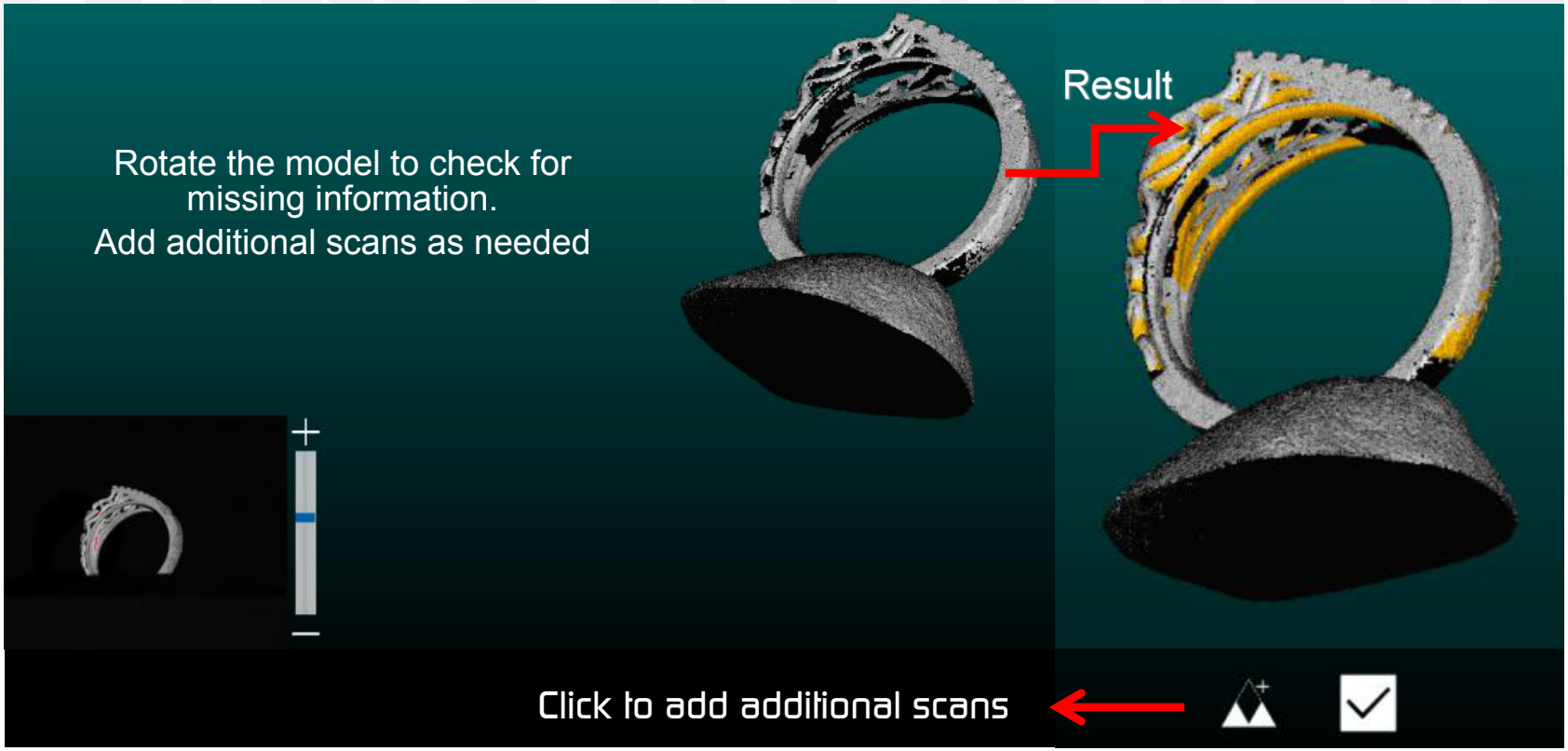
Section 2.2: Plane Adjustment



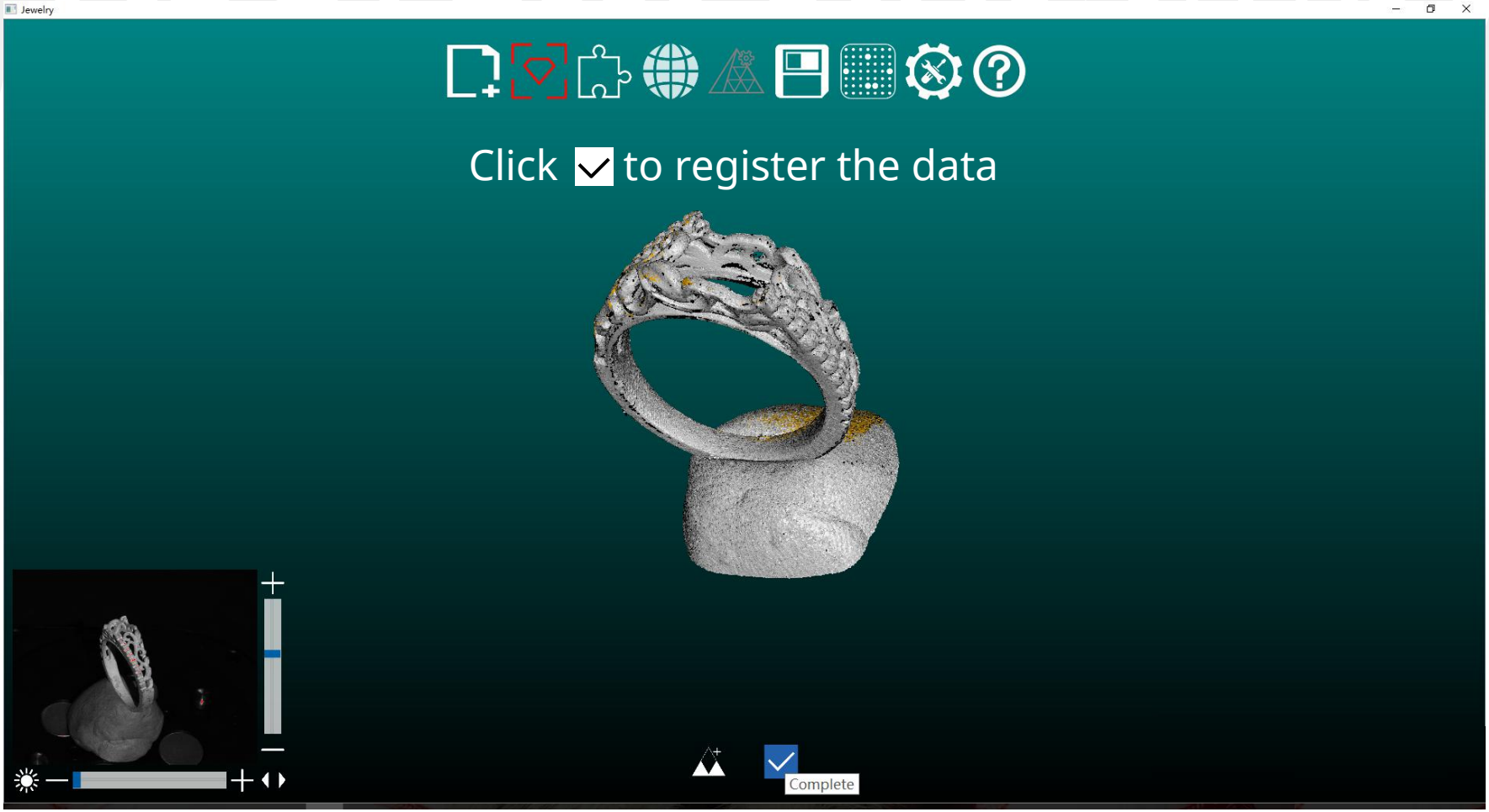
Section 2.2: Adding Additional Scans



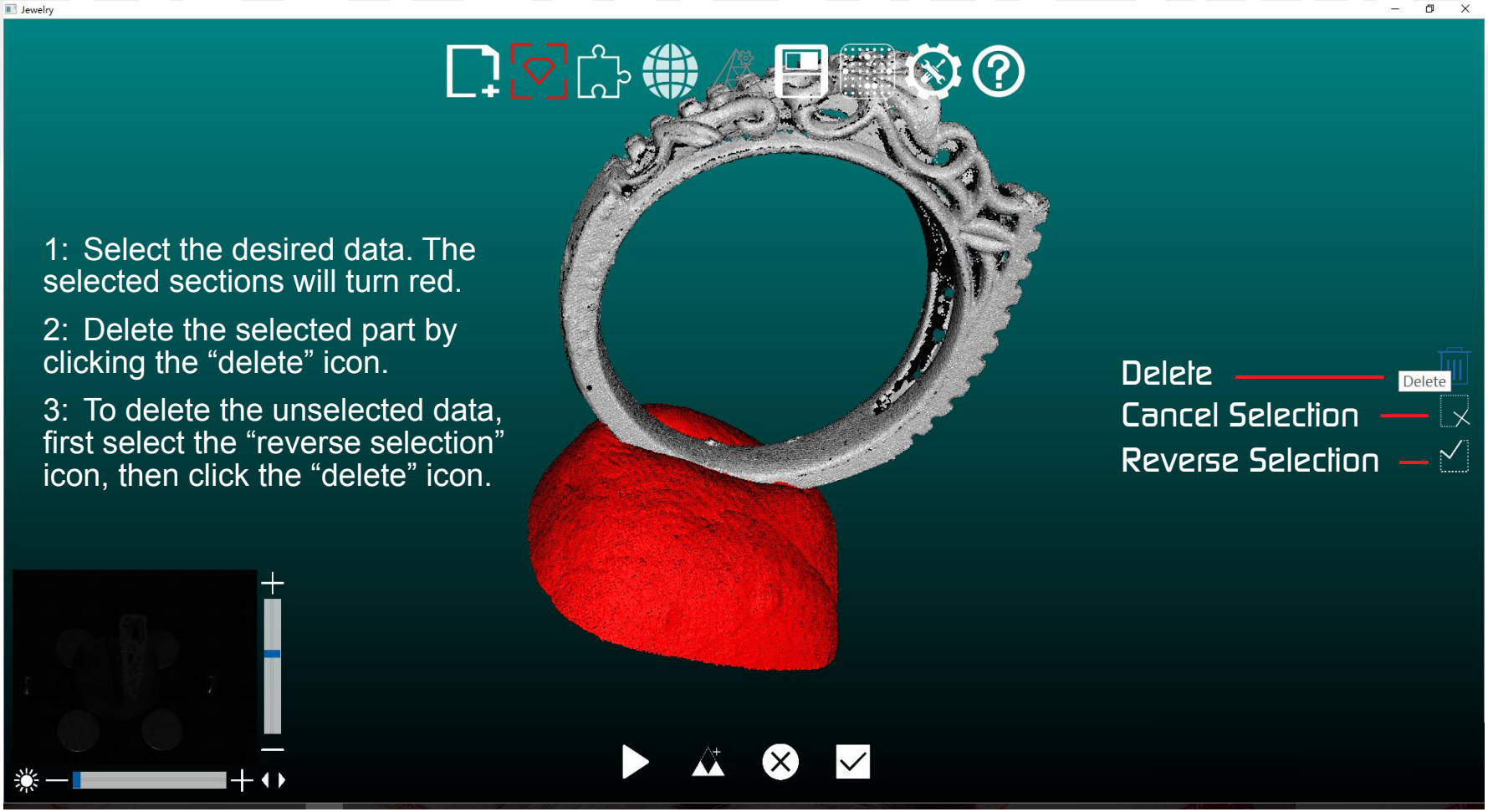
Section 2.2: Adding Additional Scans



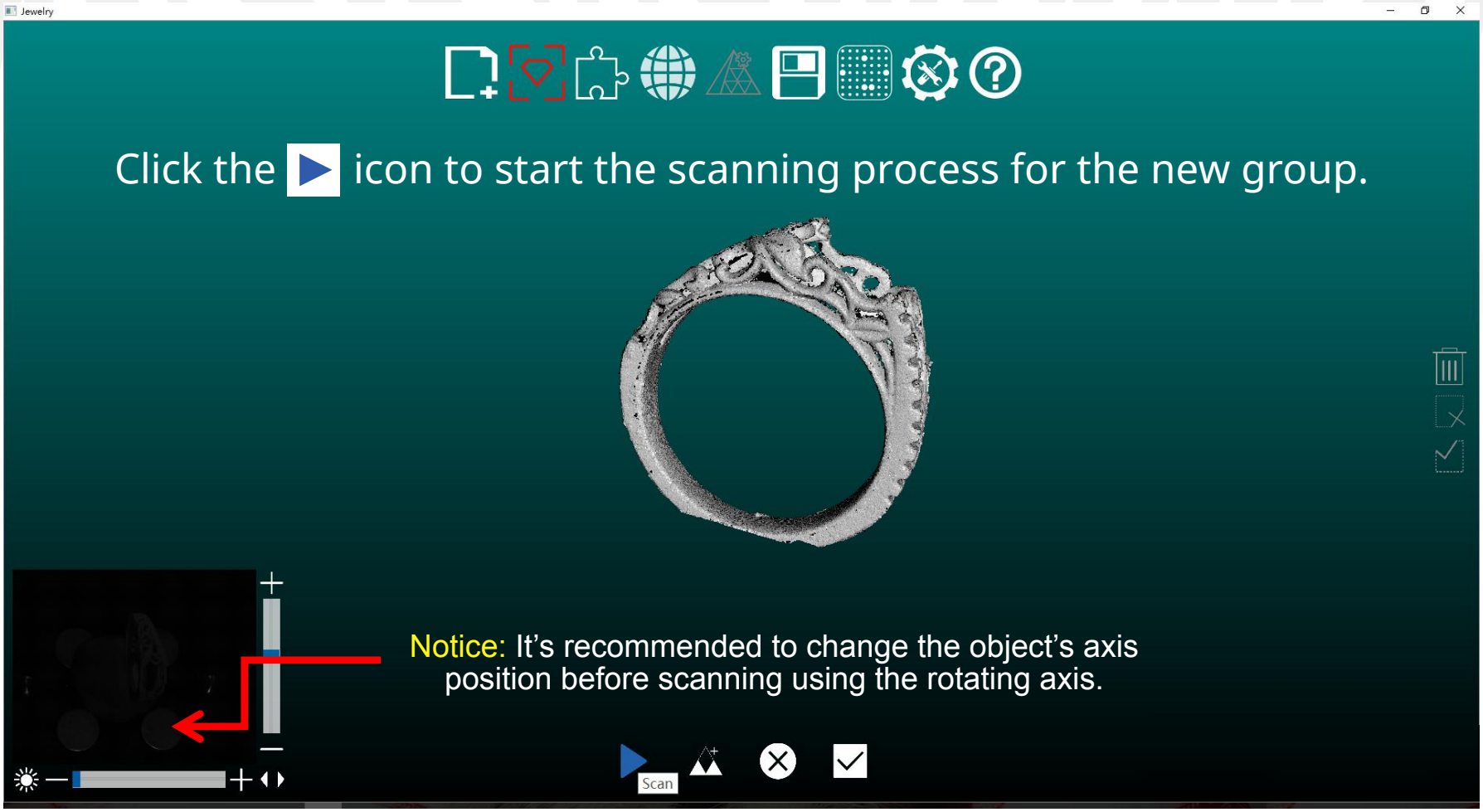
Section 2.3: Scan Registration



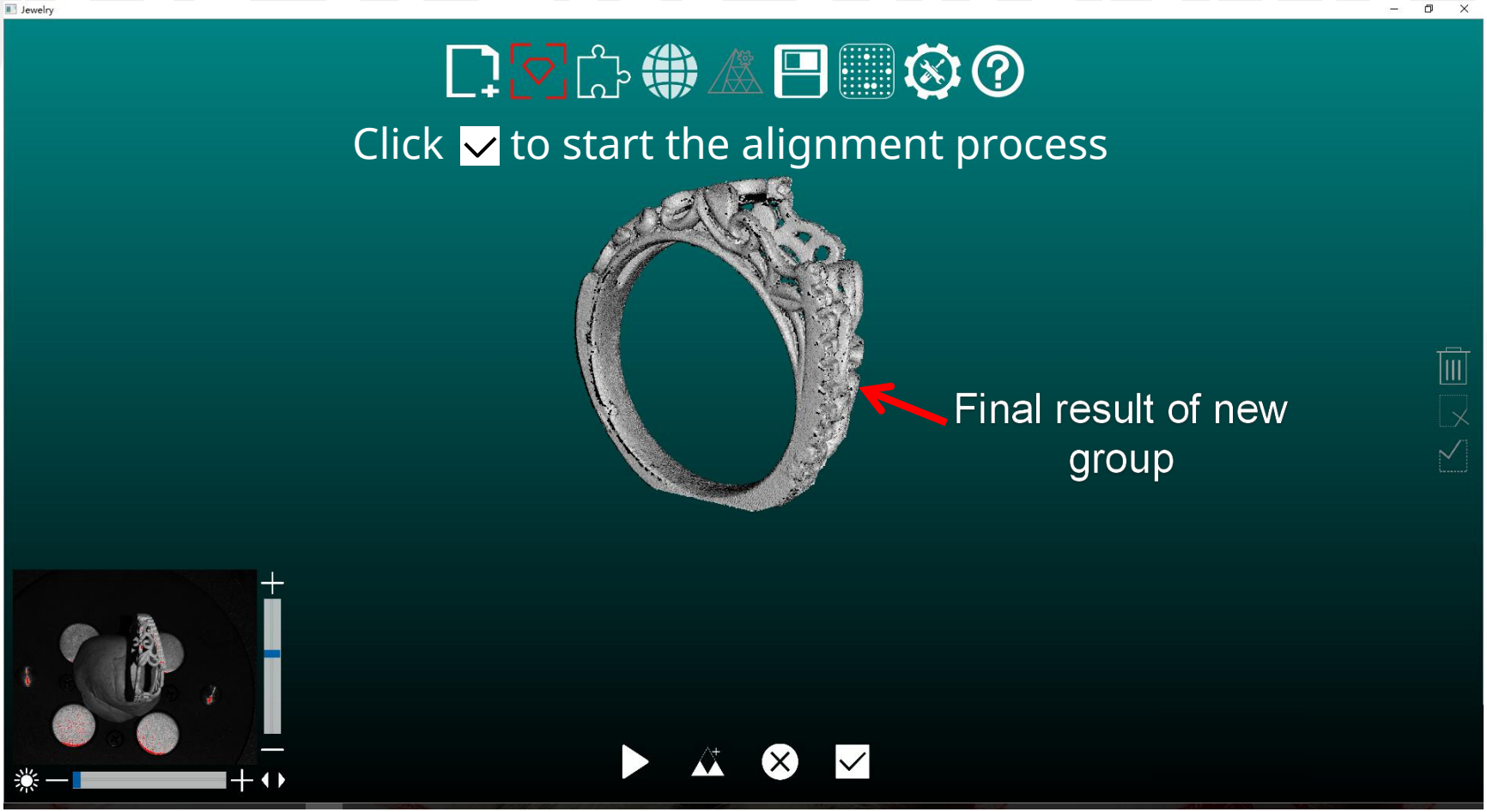
Section 2.4: Removing Unneeded Data



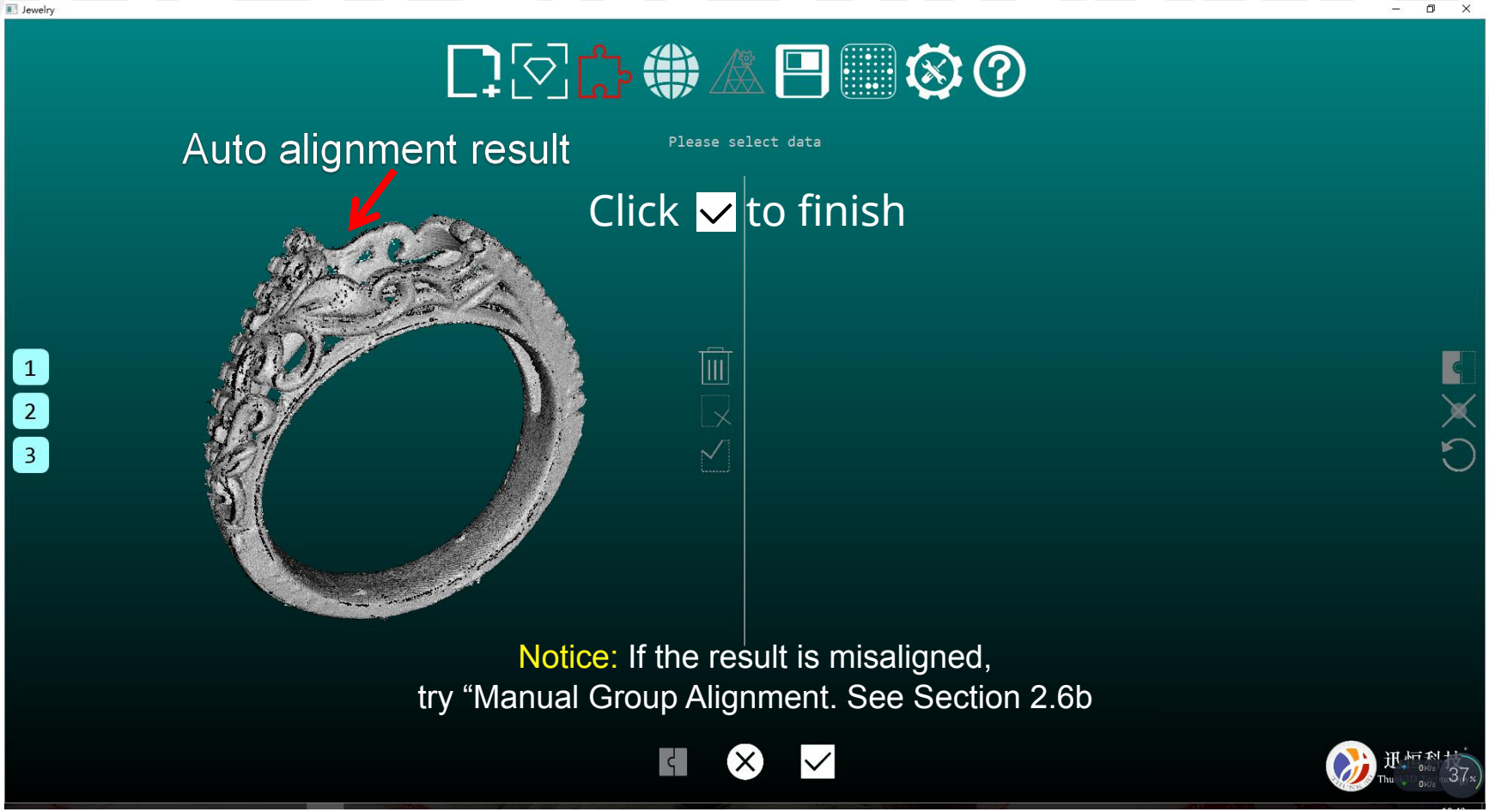
Section 2.5: Creating New Groups



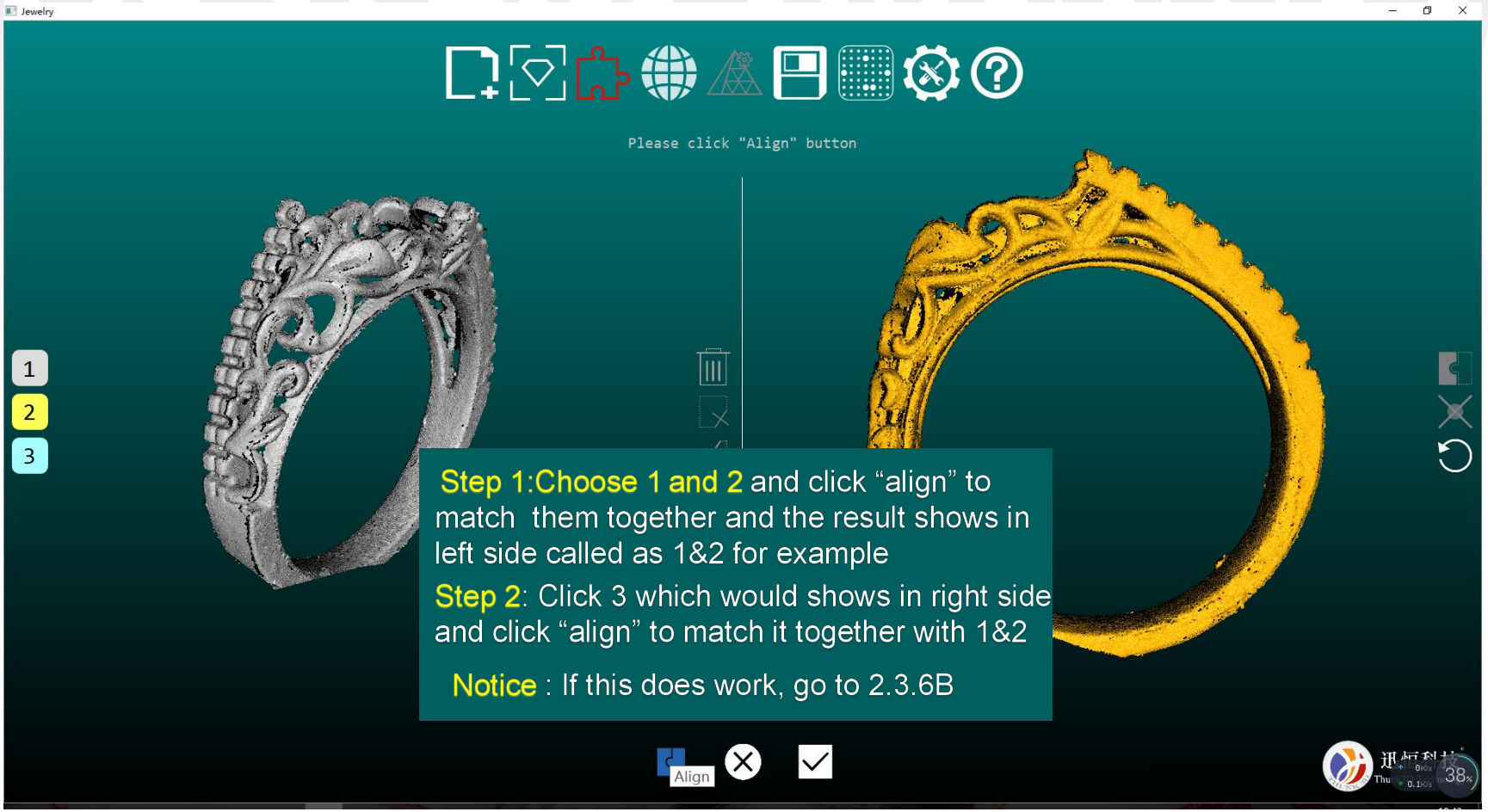
Section 2.6a: Auto Group Alignment



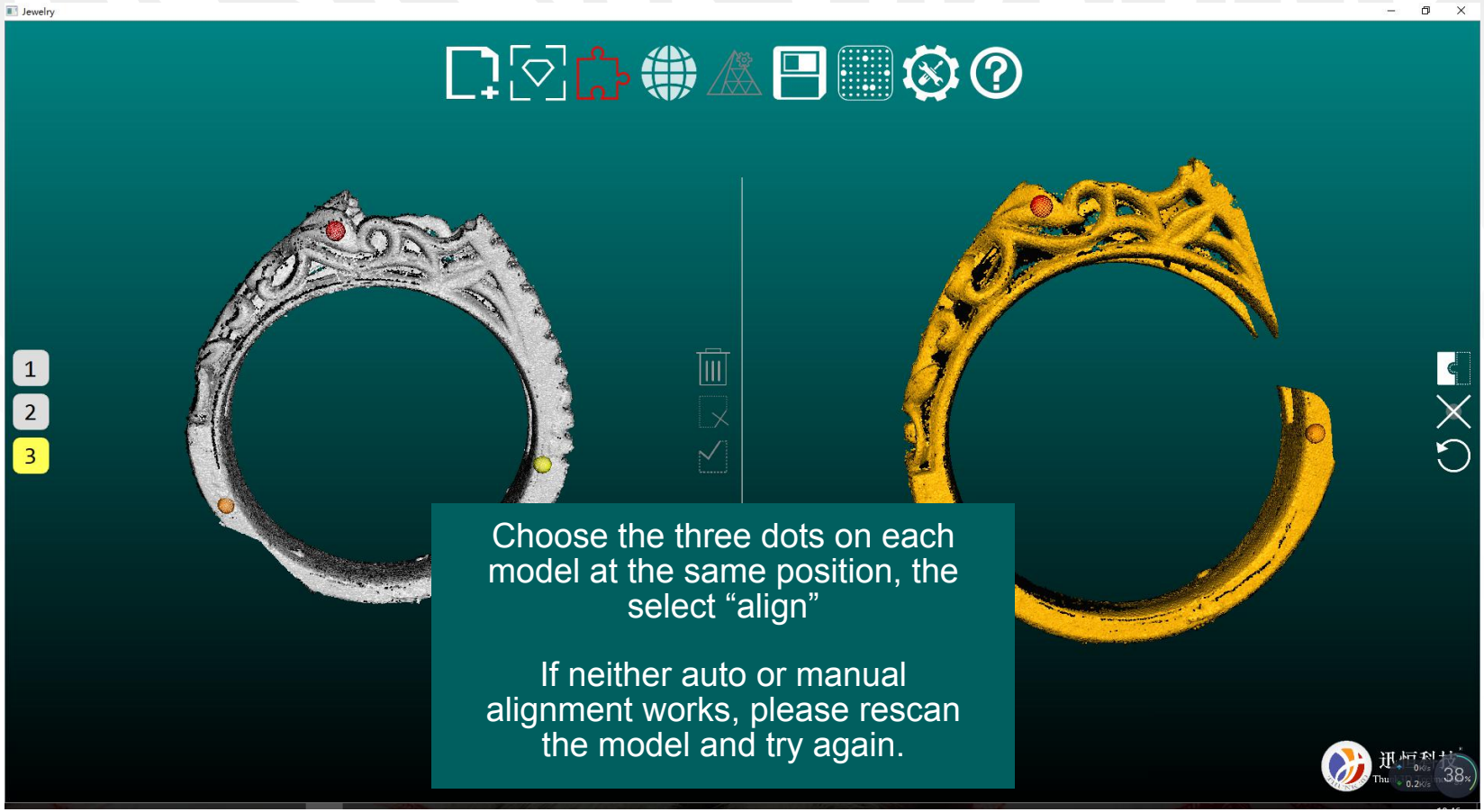
Section 2.6a: Auto Group Alignment



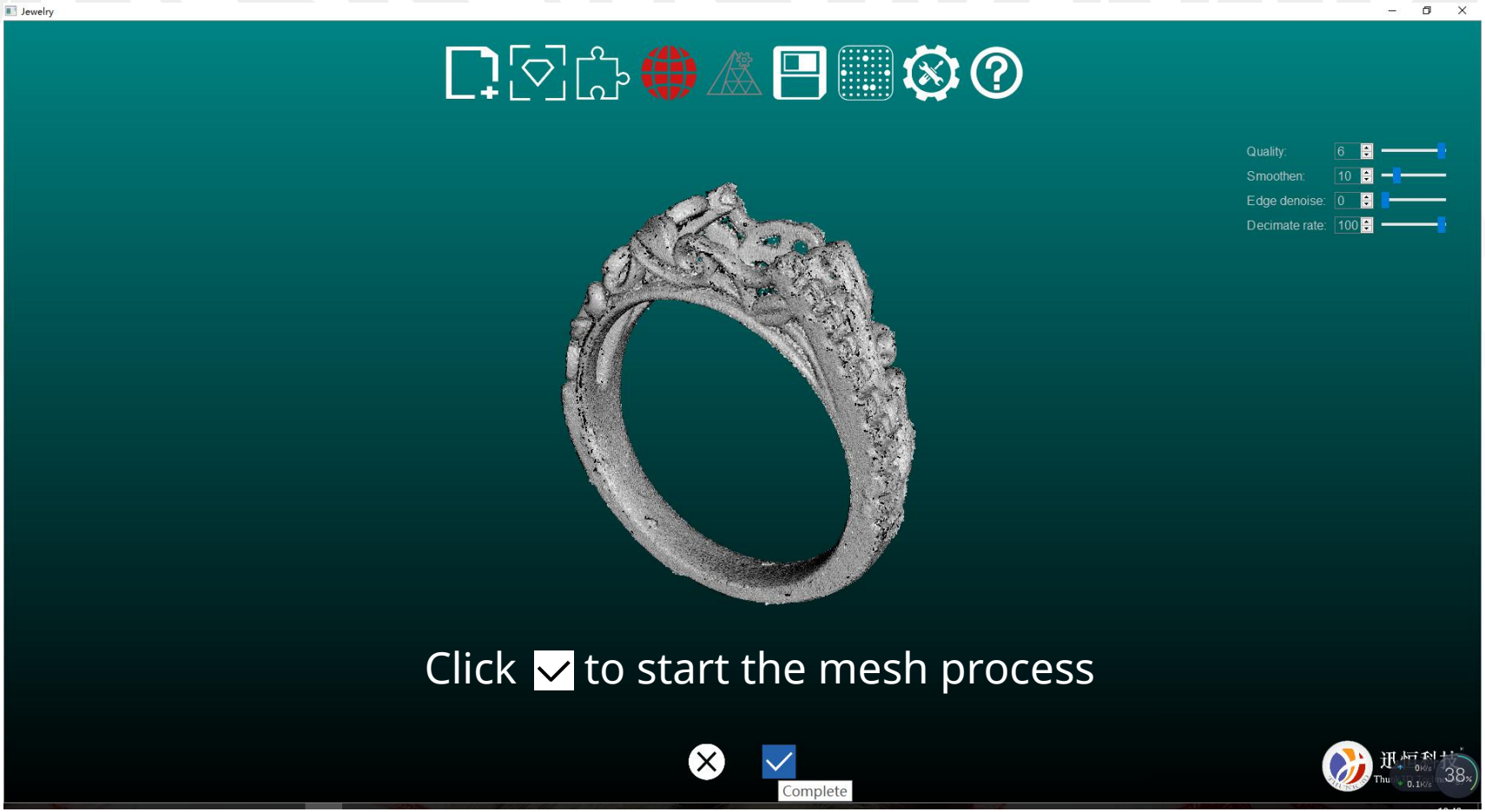
Section 2.6b: Manual Group Alignment



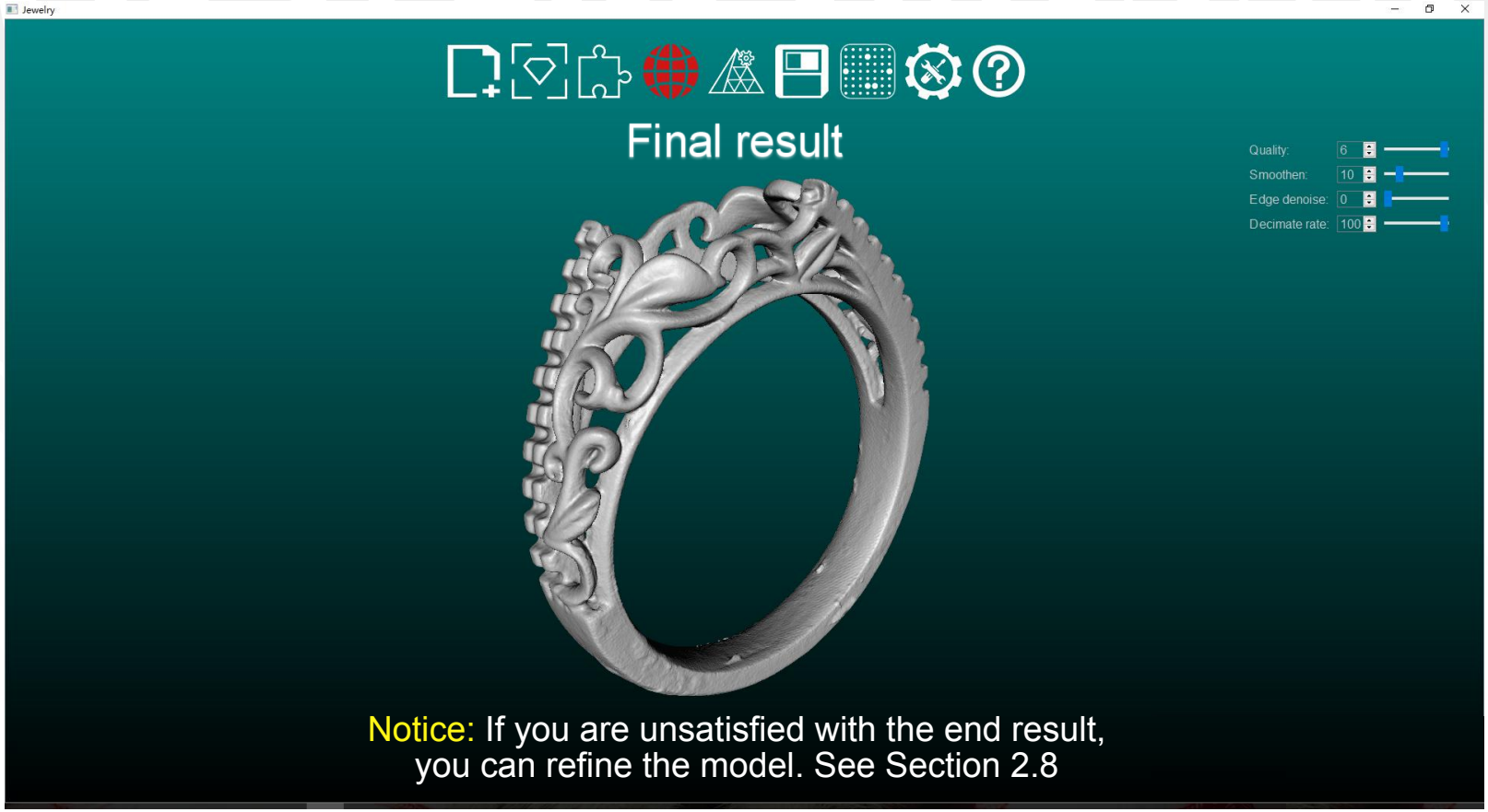
Section 2.6b: Manual Group Alignment



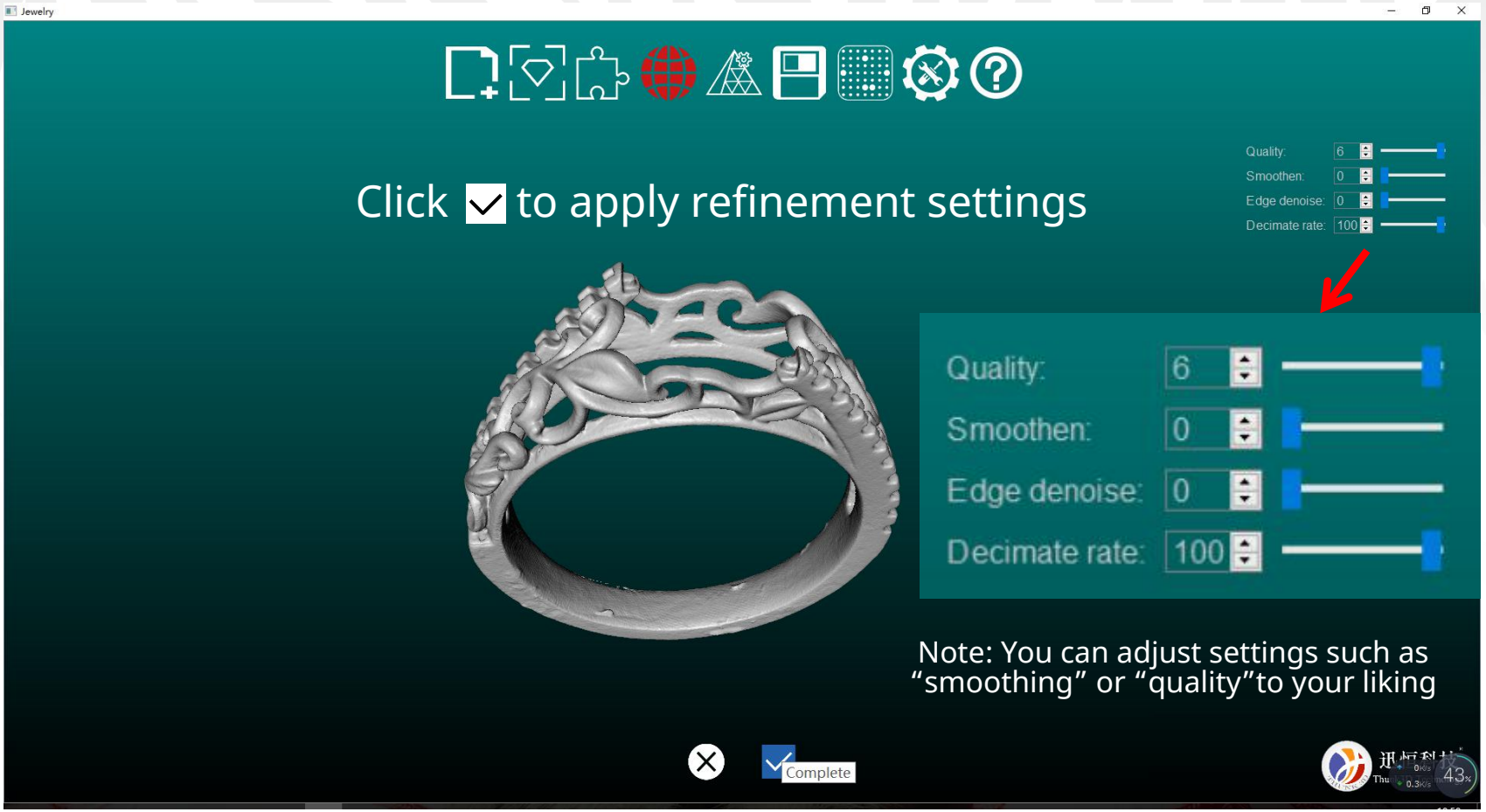
Section 2.7: Creating a Mesh



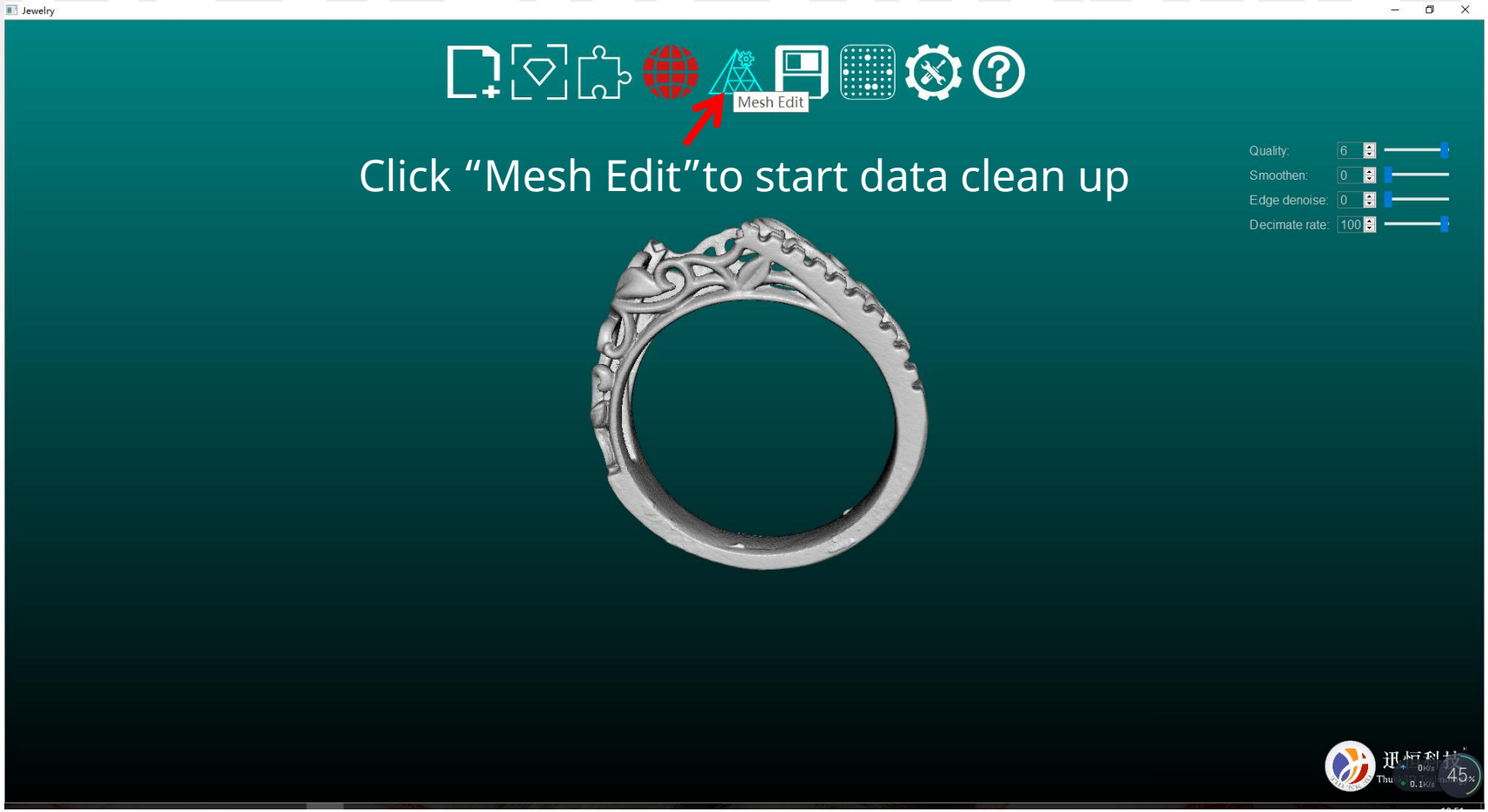
Section 2.7: Creating a Mesh



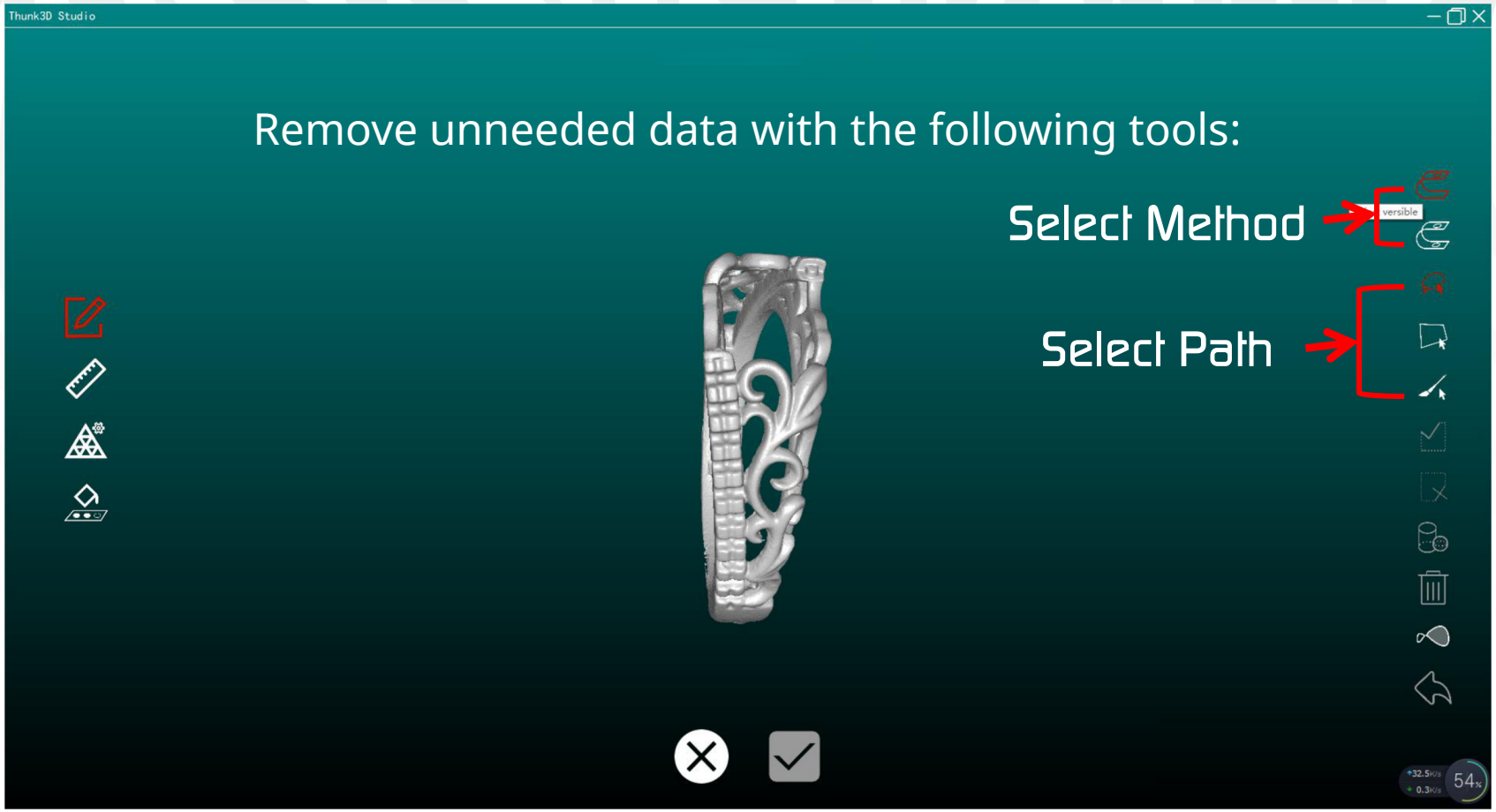
Section 2.8: Mesh Refinement



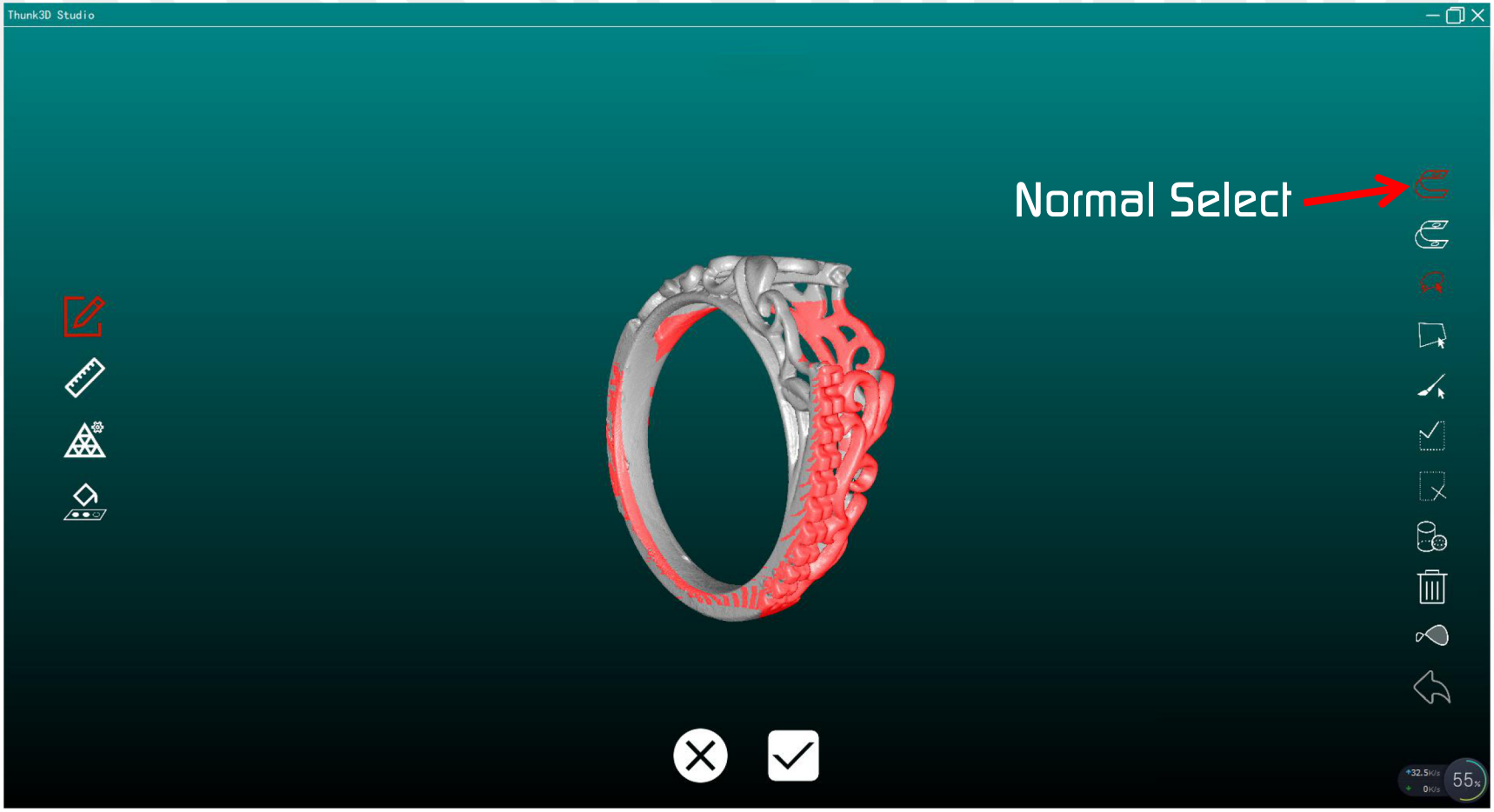
Section 2.9: Edit Mesh



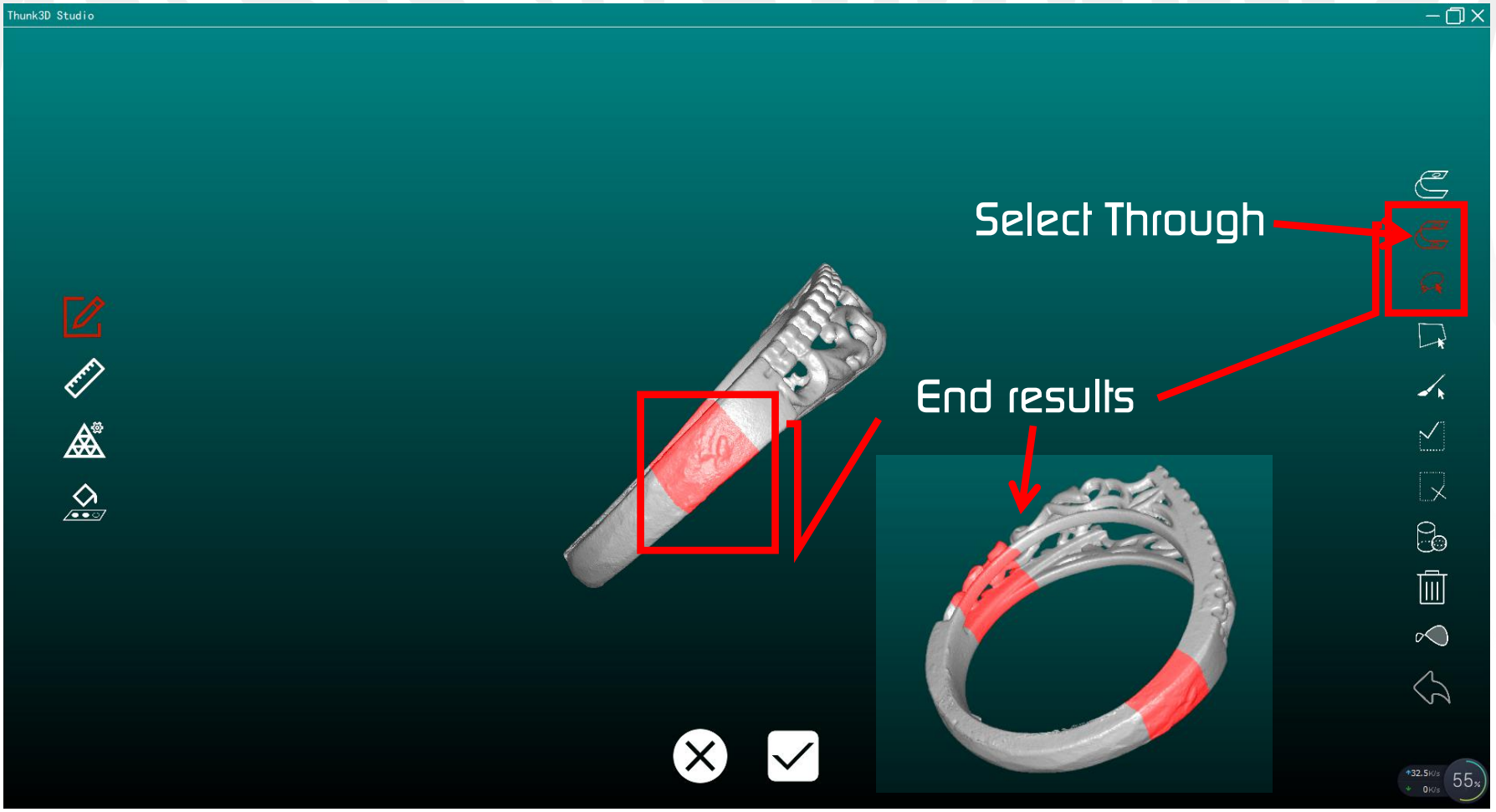
Section 3.1a: Data Clean-up



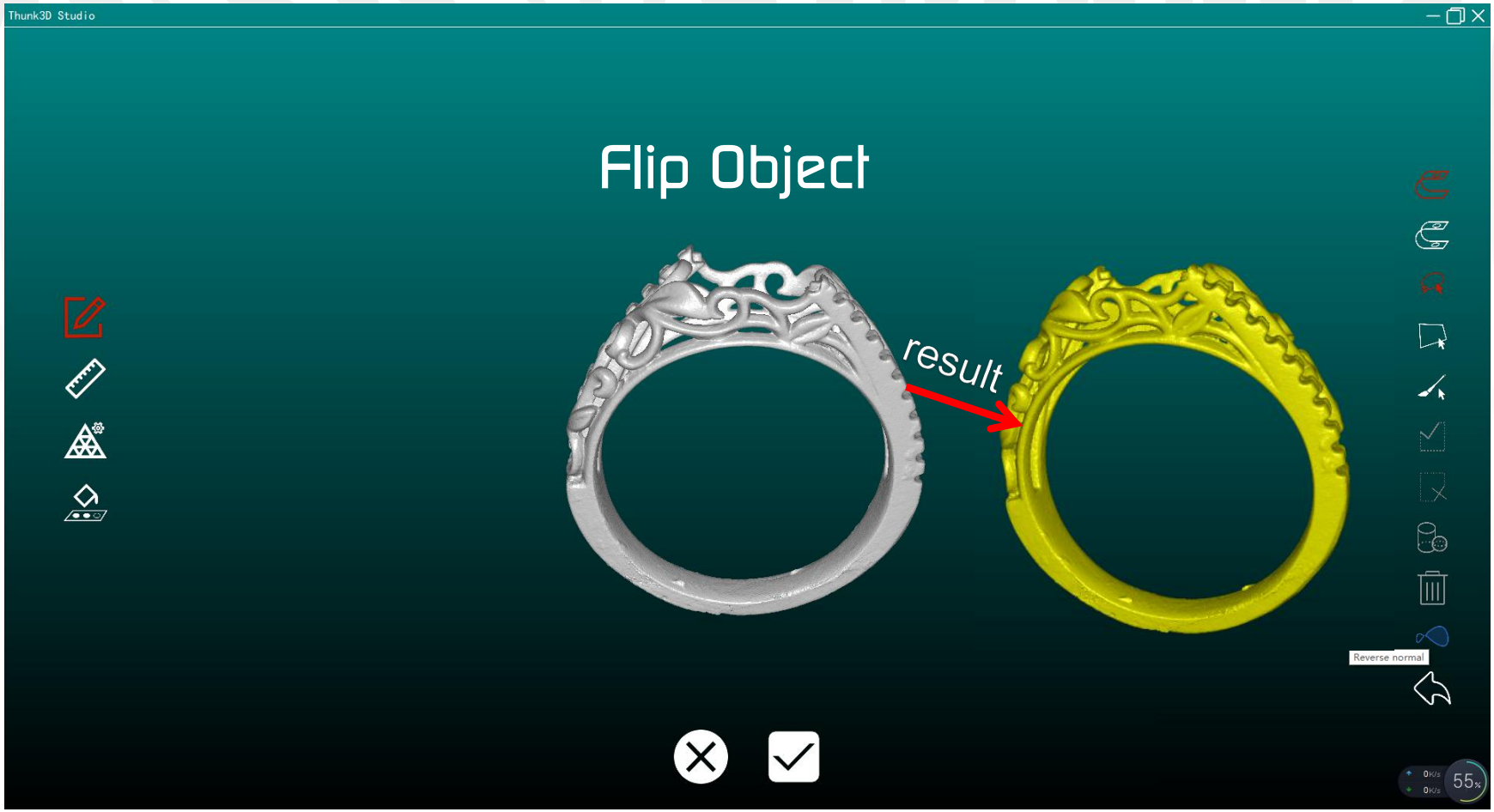
Section 3.1b: Data Clean-up - Normal Select



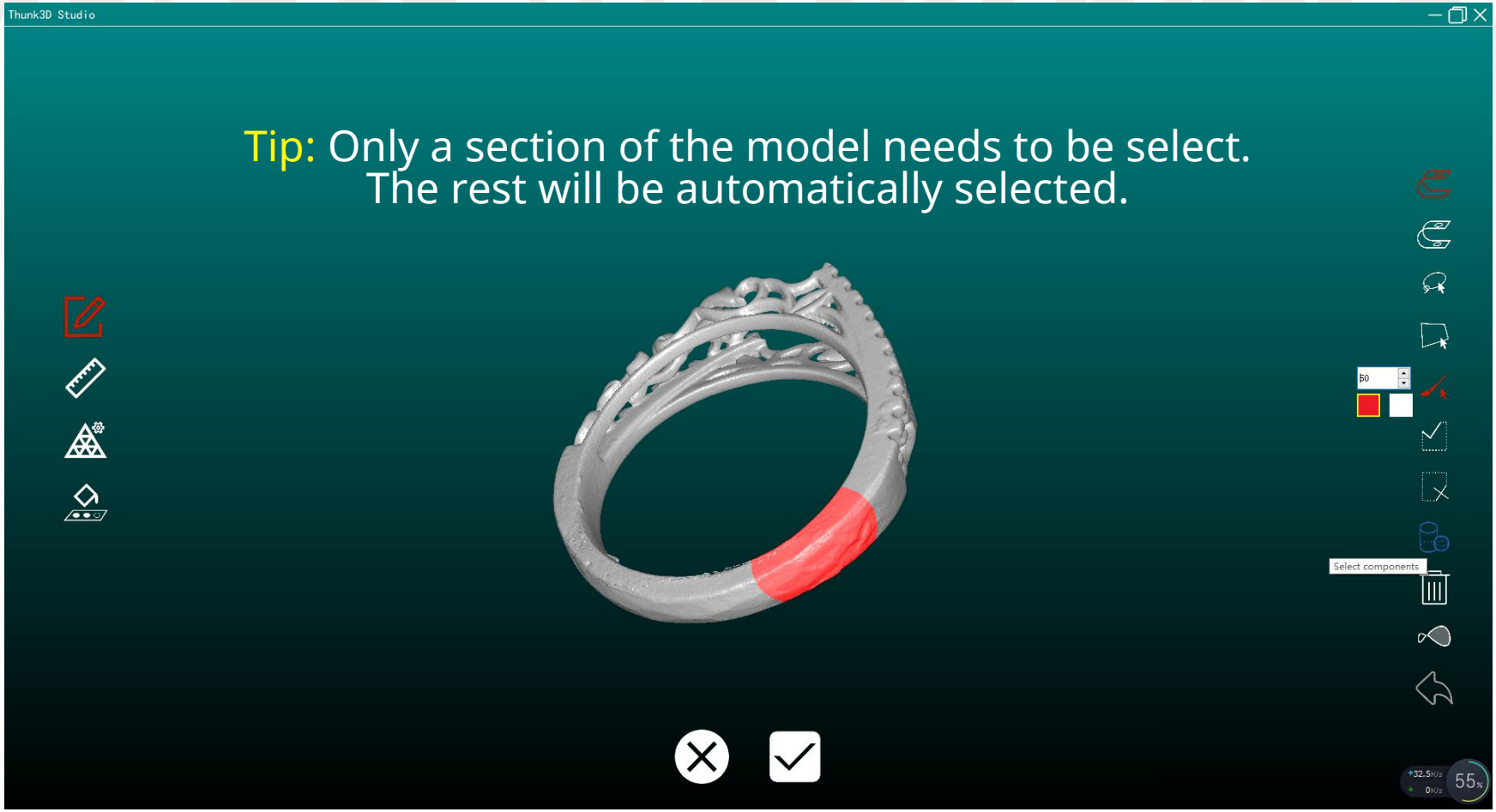
Section 3.1c: Data Clean-up - Select Through



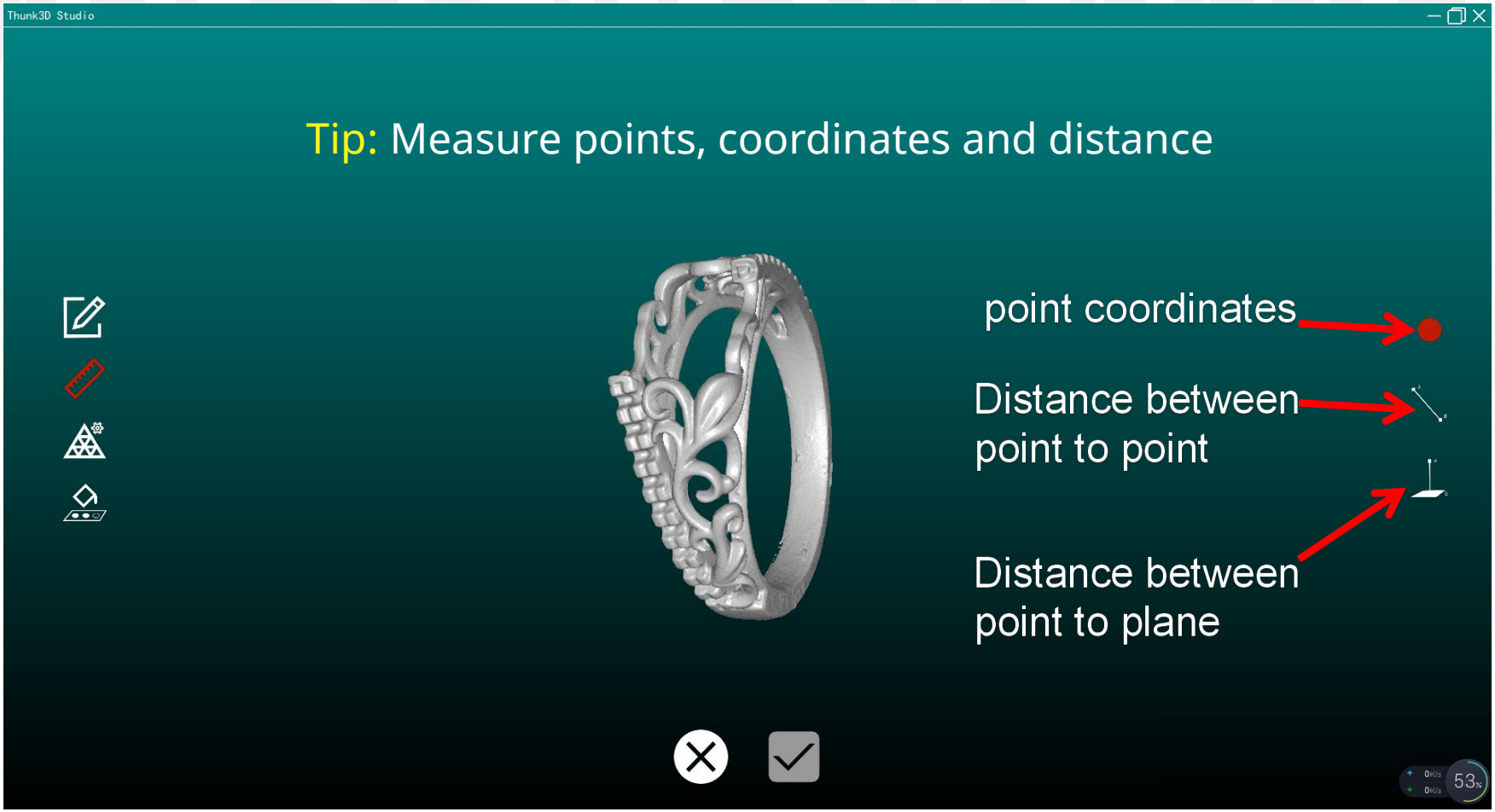
Section 3.1d: Data Clean-up - Flip Object



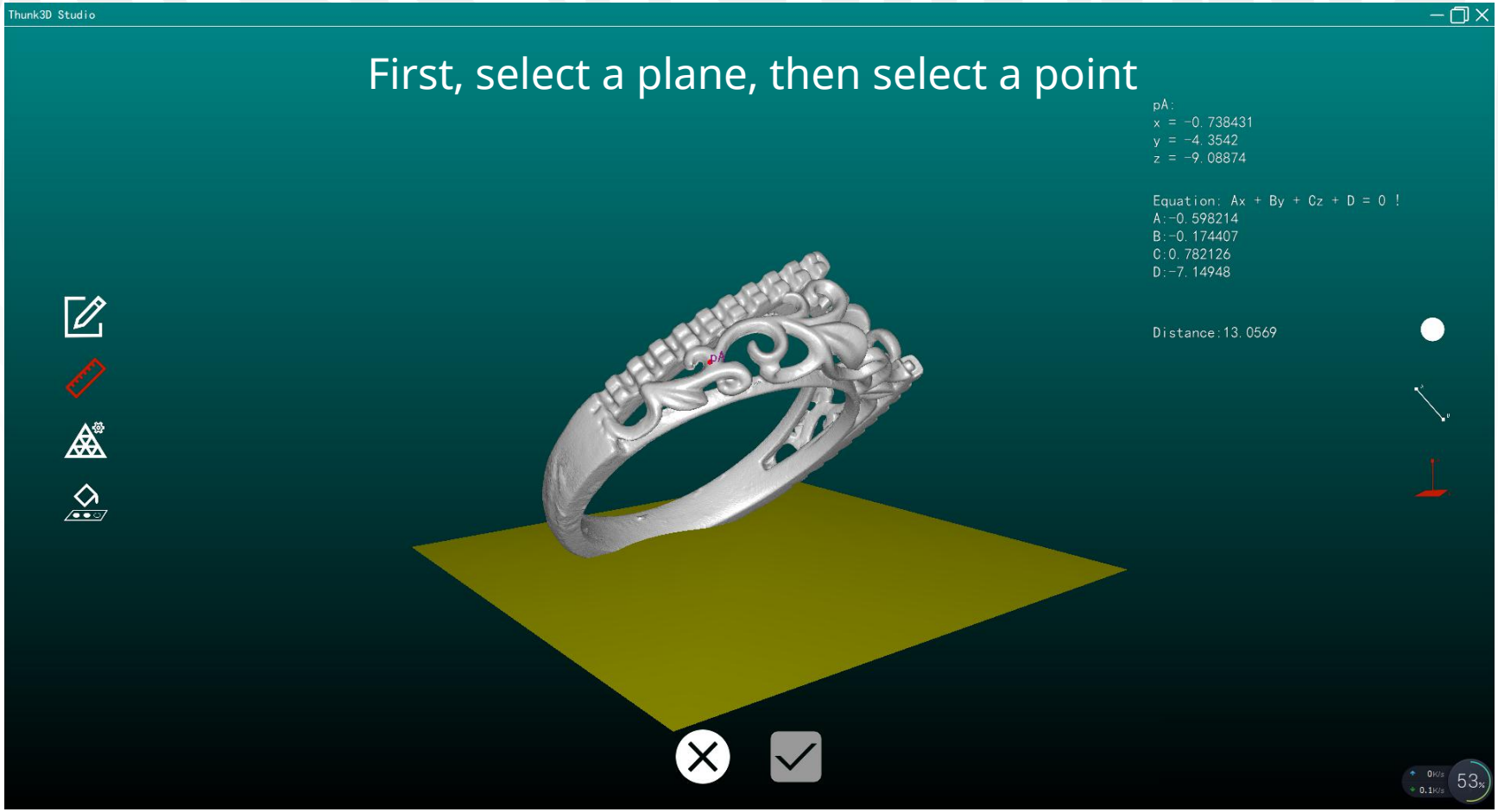
Section 3.1e: Data Clean-up - Component Selection



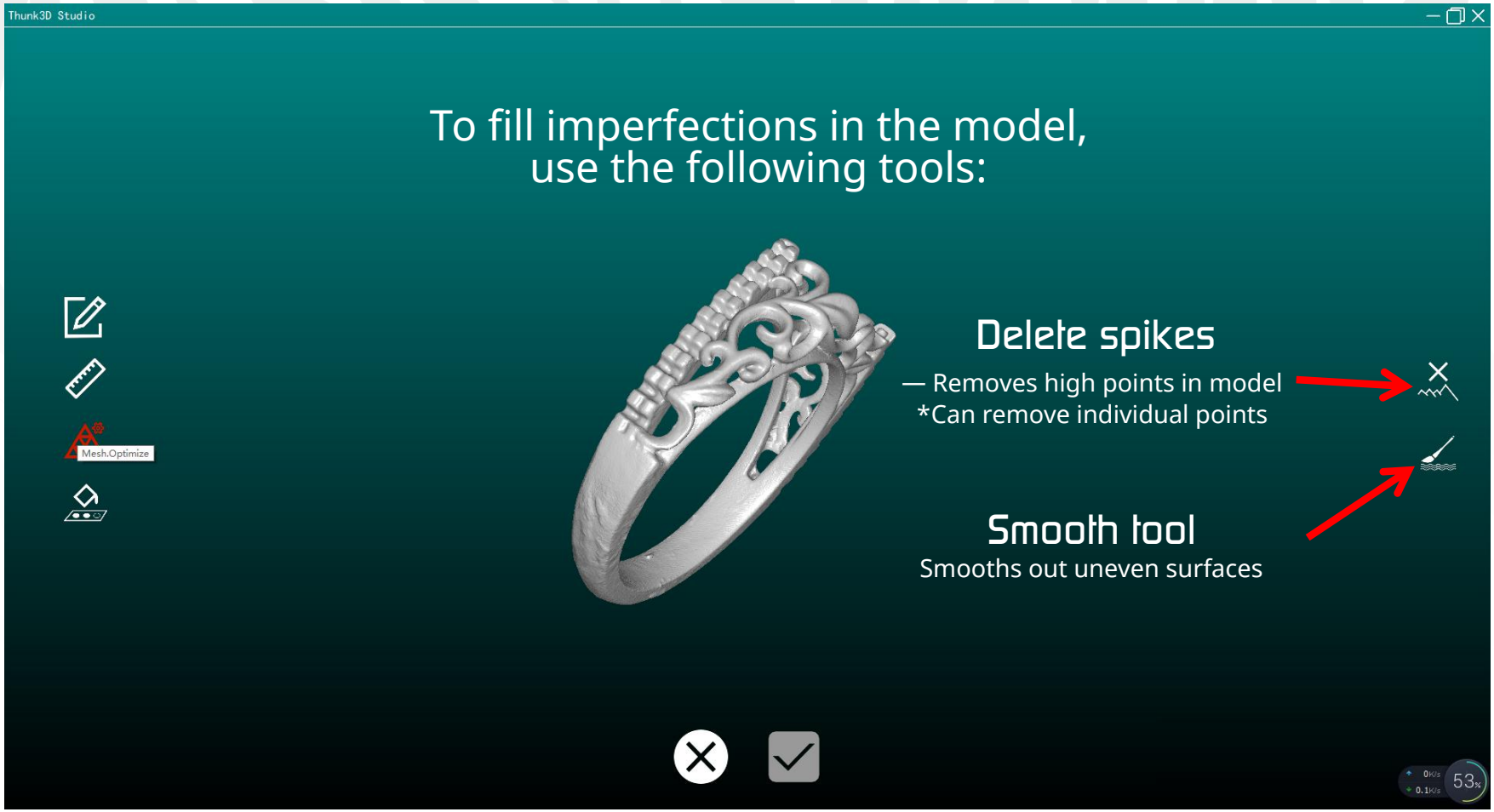
Section 3.1f: Data Clean-up - Measurement



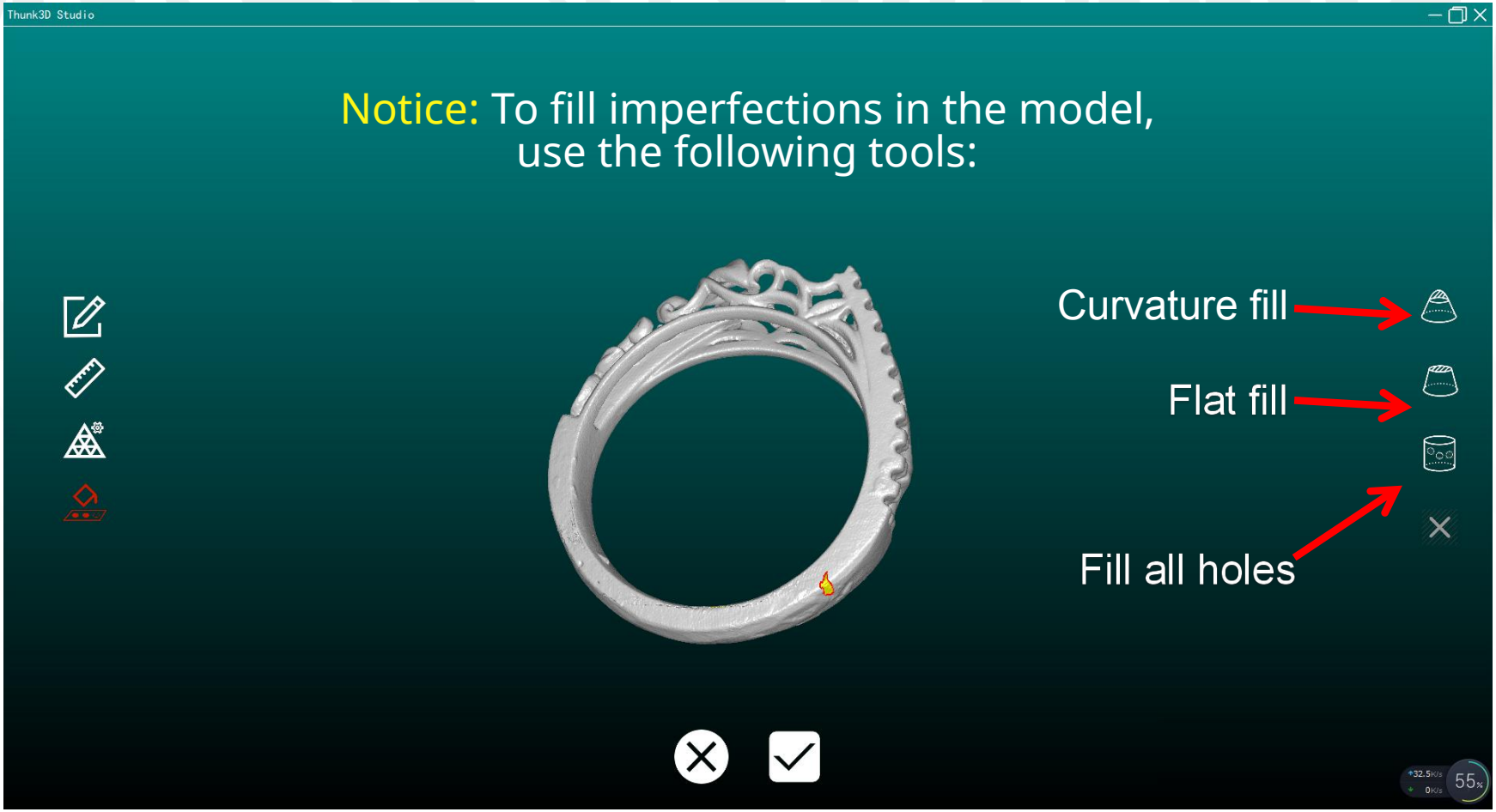
Section 3.1g: Data Clean-up - Point to Plane



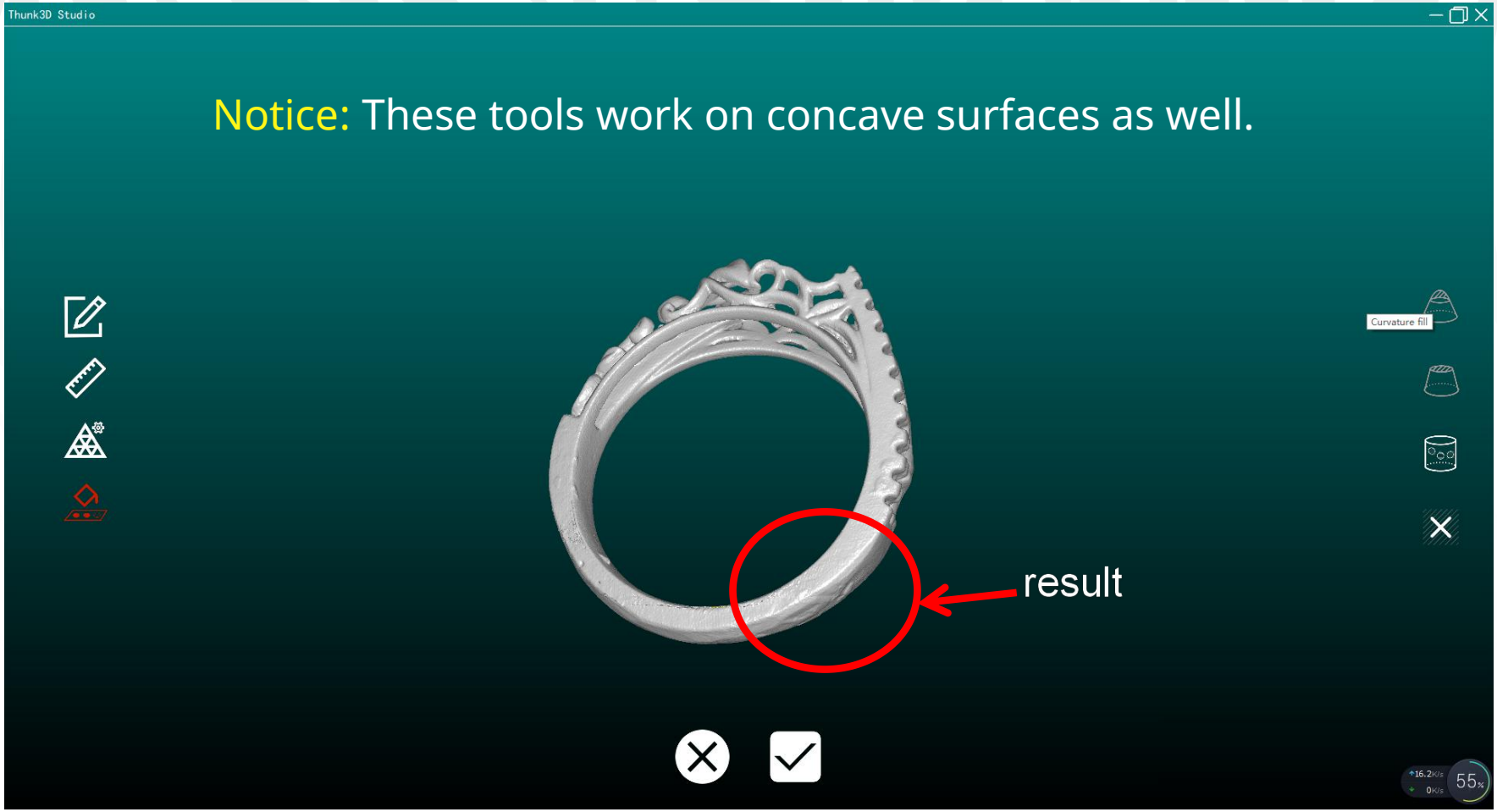
Section 3.1h: Data Clean-up - Optimize Mesh



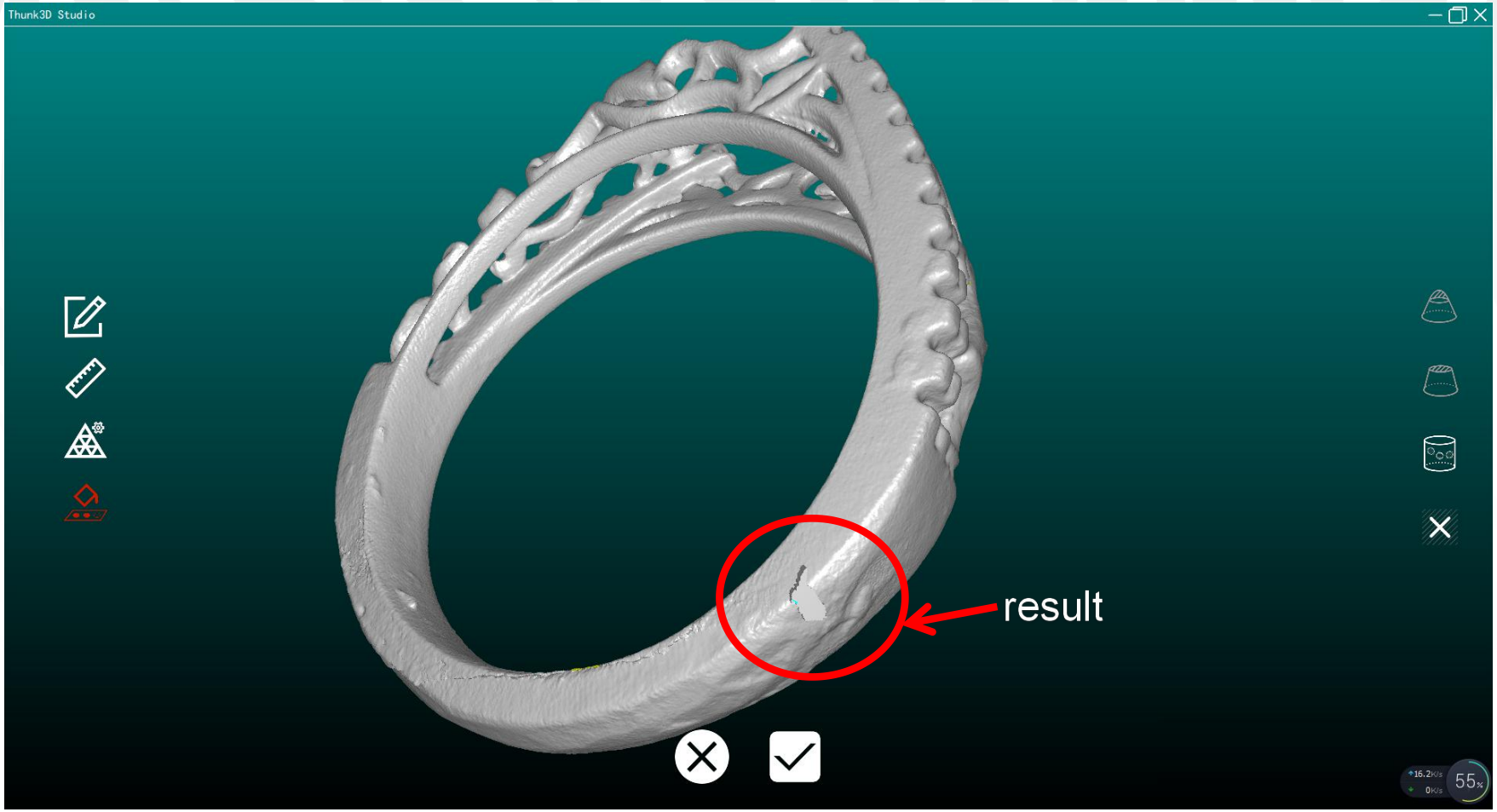
Section 3.1 i: Data Clean-up - Filling Holes



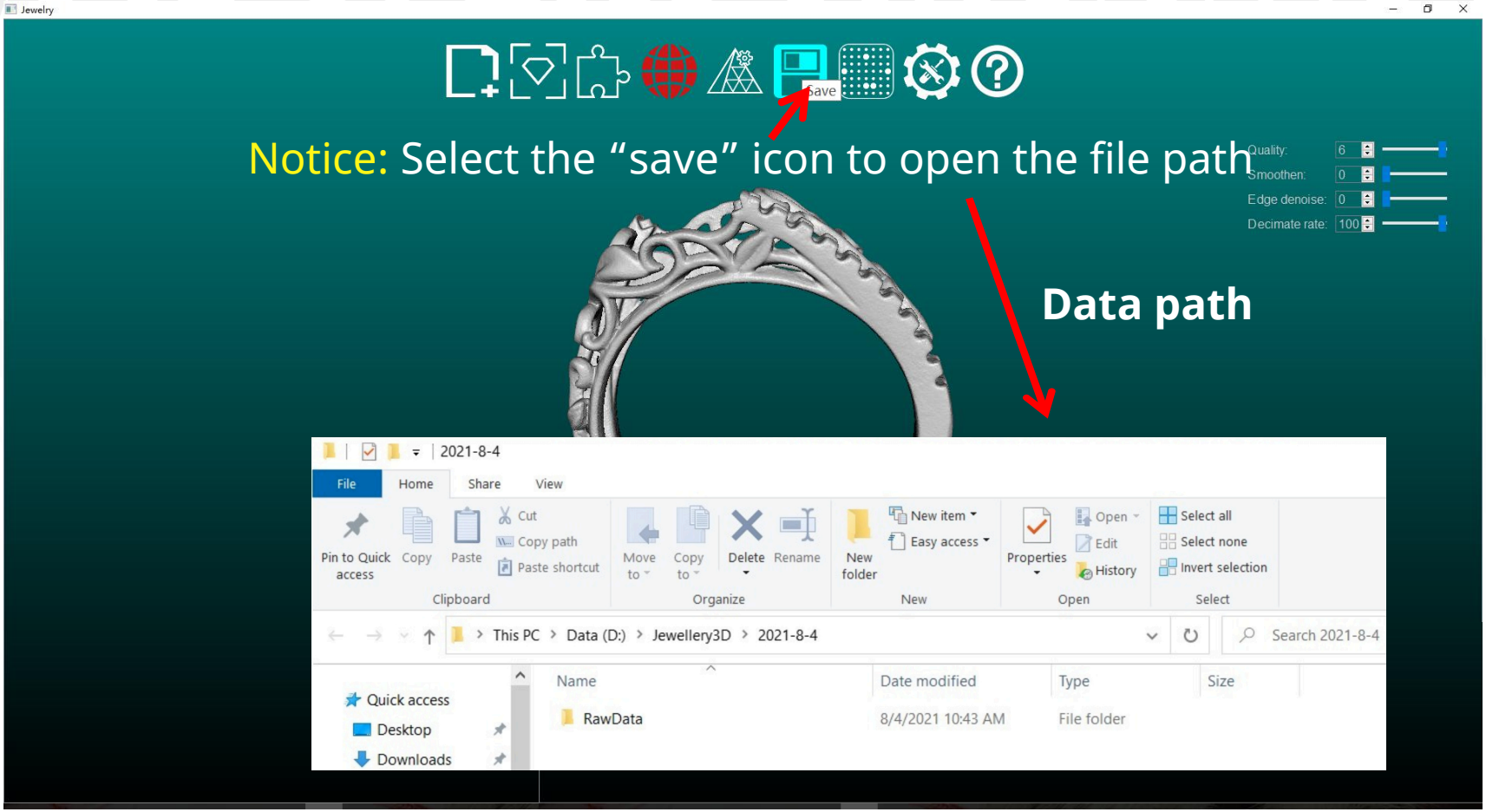
Section 3.1j: Data Clean-up - Filling Curves



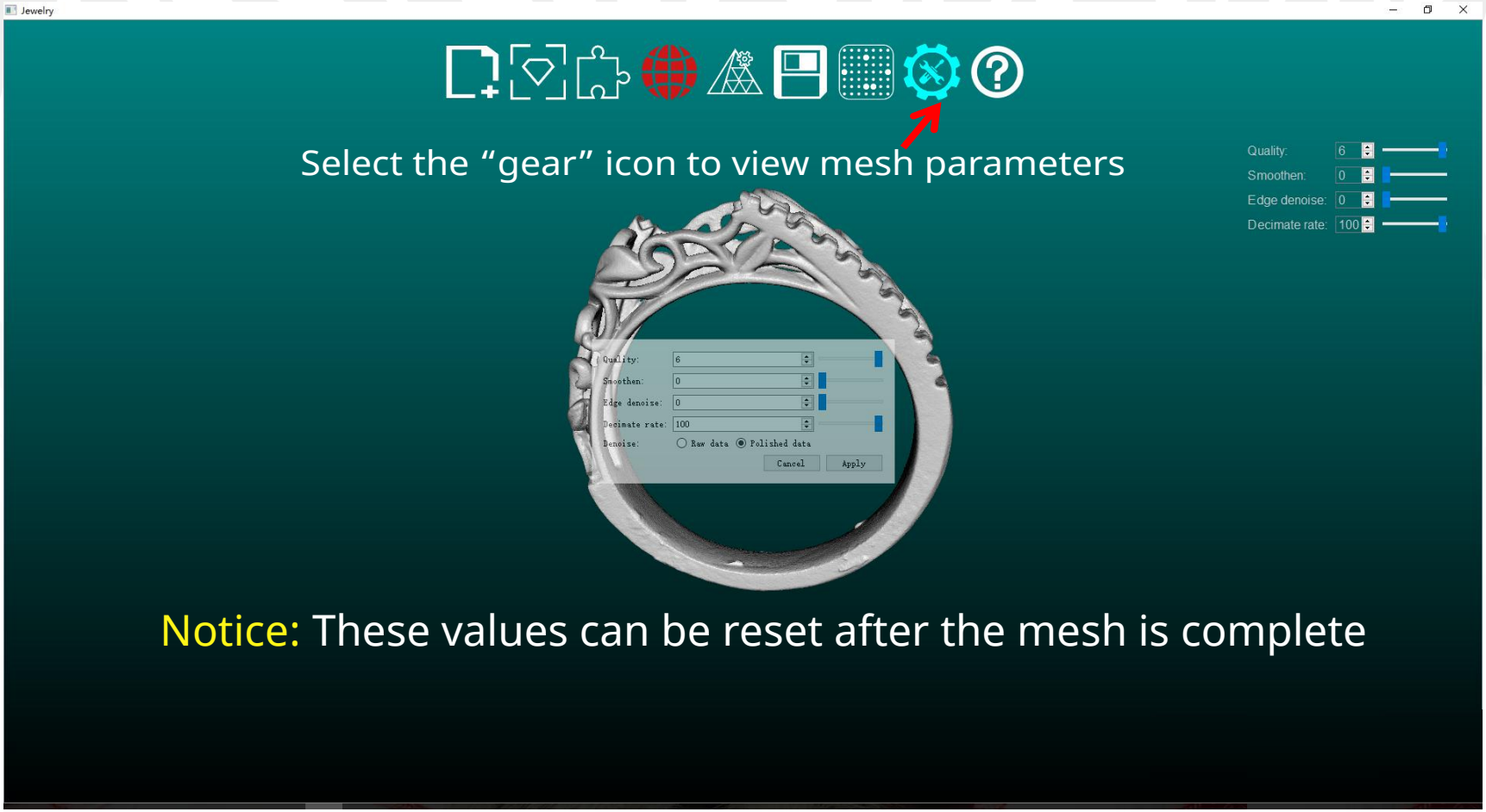
Section 3.1k: Data Clean-up - Filling Flat Surfaces

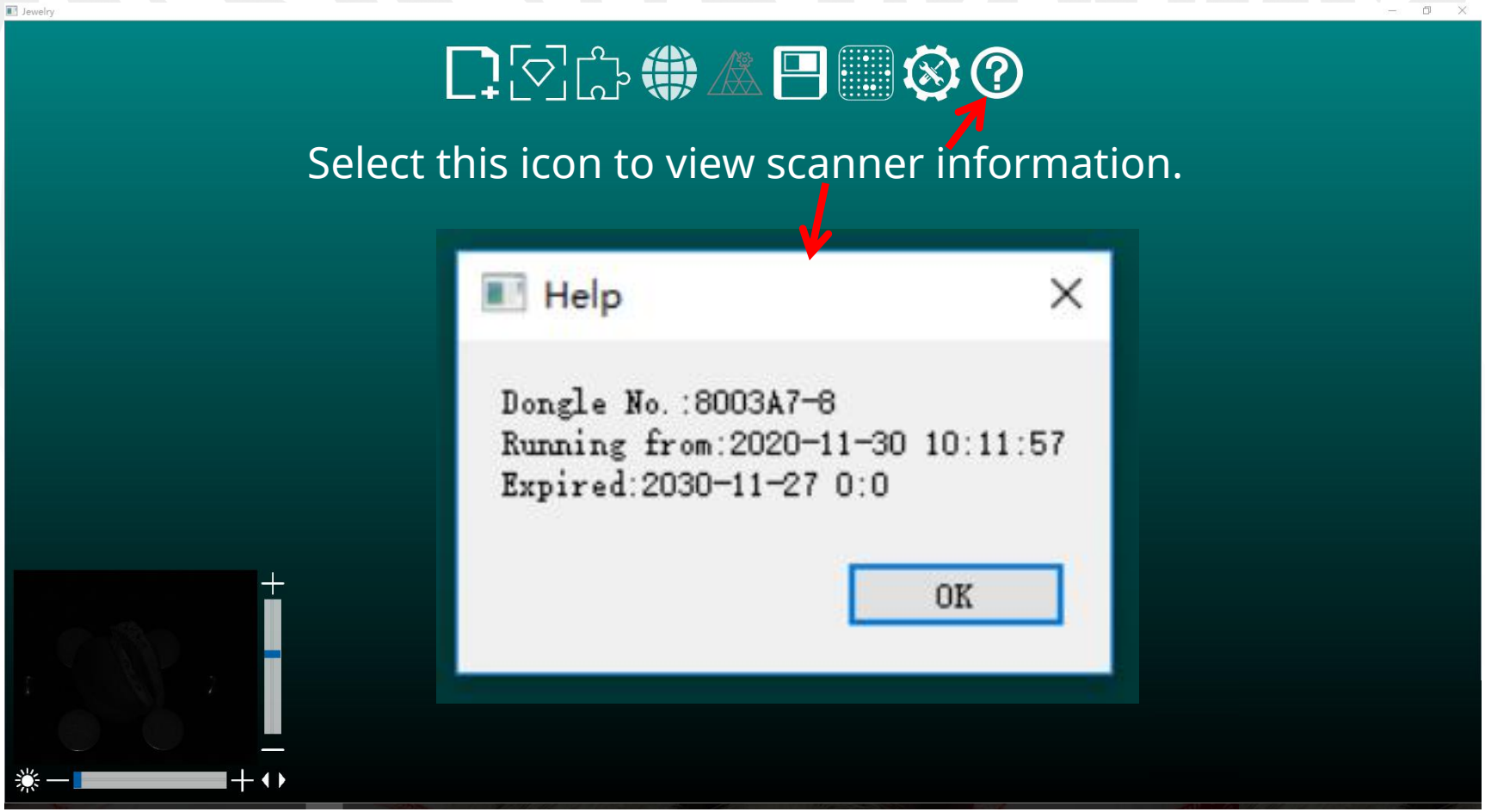


Section 4: Saving Data



Section 5: Parameter Settings



Notice: These values can be reset after the mesh is complete

Section 5: Dongle Model Number & Uptime