



DentiqGuide

How to use Model Base
Generation



3D INDUSTRIAL IMAGING

Address : 138-412 Institute of Computer Technology, Seoul National University, Seoul, South Korea

Website : www.3dii.net



쓰리디산업영상
3D INDUSTRIAL IMAGING



How to Use Model Base Generation

1. 3D프린팅이 가능한 모델 베이스를 출력하기 위해서

1. Generating a 3d printable model base, please click on generate model base button at result stage.

Result

General Approval Terms
The following items must be accepted before placing an order:
• It is recommended that you check the all relevant information before proceeding with the surgery.
• It is agreed that 3DII and its reseller shall not be held liable for any damage or injury resulting from the surgical plan and the treatment.

Planning Approval
• I acknowledge that the scan data used for CBCT and surface scans are up-to-date and that the quality and visualization of the scan data are appropriate for the planned status and the intended end results.
• The surgical plan has been carefully implemented and I am satisfied and therefore approve its medical and clinical aspects.
• I agree that 3DII and its resellers are not responsible to conduct medical and clinical reviews of the surgical plan.

Surgical Guide Approval
• I confirm that the surgical guide design has been implemented accurately, is stably and firmly placed during the surgery, and performs the required functions.
• I have full understandings of regulations that are applicable to surgical guide manufacturing.
• I confirm that I will inspect the quality and functions of the surgical guide both before its use in a procedure and delivery.

Preview report
Show planning report (P) Show drilling protocol (D)

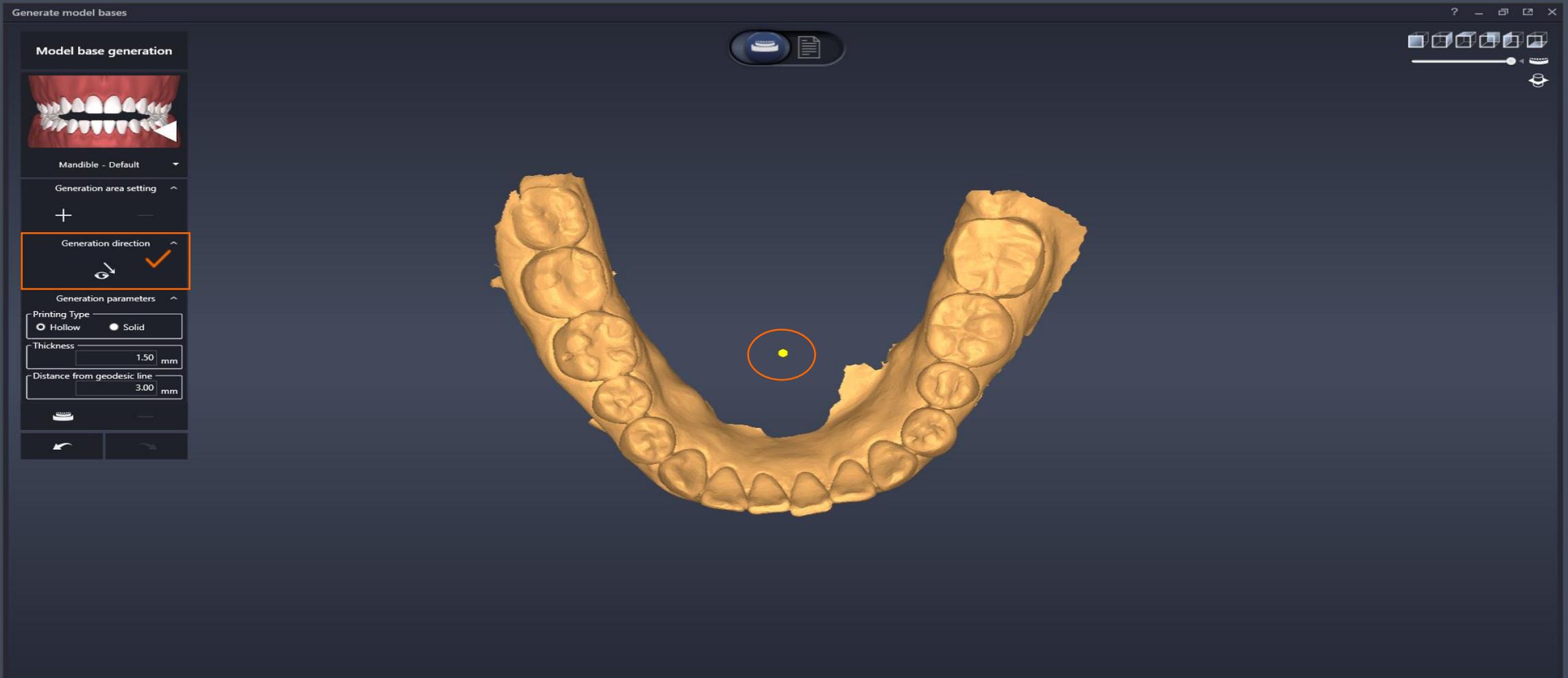
Export
Save and export case (S) Export mesh files - 144.9 **Generate model bases**

Number of available credits : 144.9, Perpetual [Manage](#)
Credits are used for exporting mesh files and one credit is required for each guide mesh.
(In case of simultaneous surgery of maxilla/mandible, one credit is applied for each, therefore a total of two credits are used.)



3. Generate Model Base

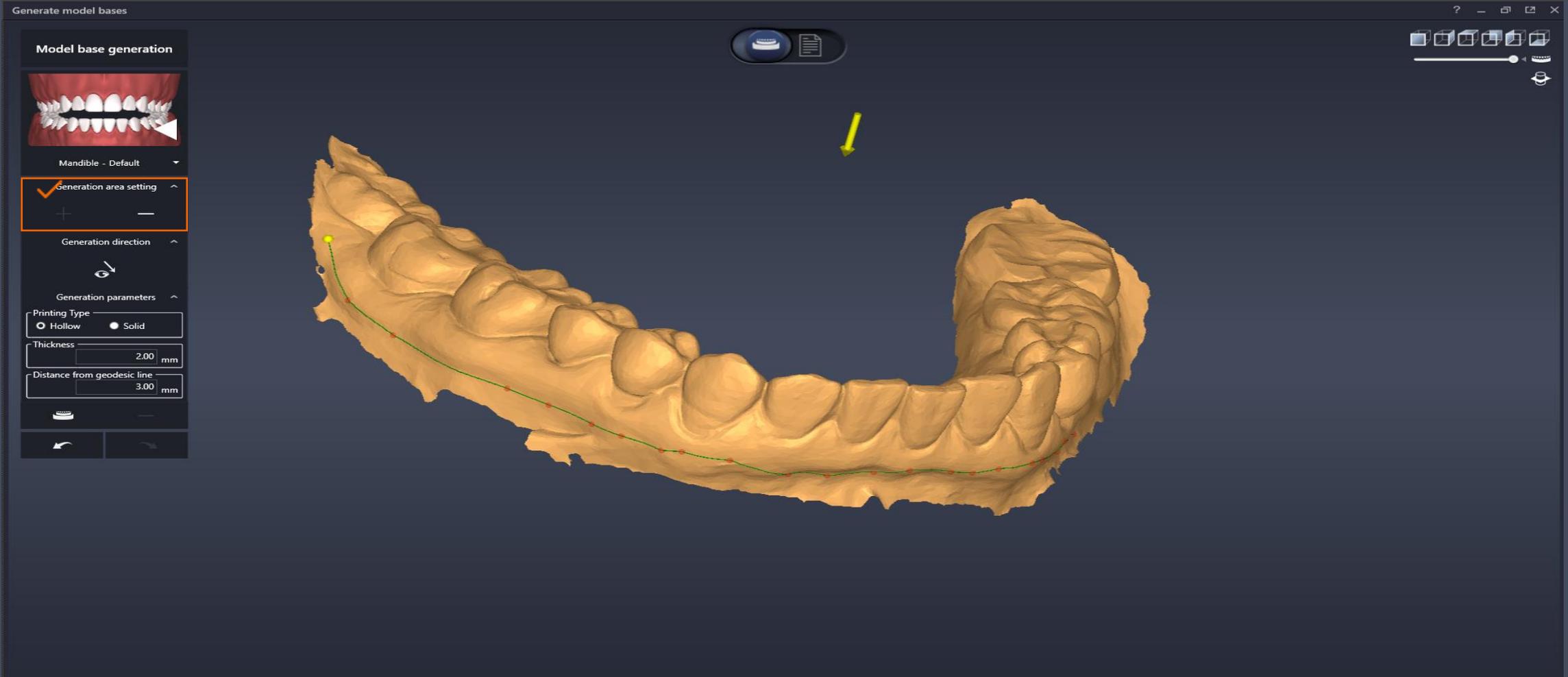
2. Positioned scan data direction and click on Generation Direction button





3. Generate Model Base

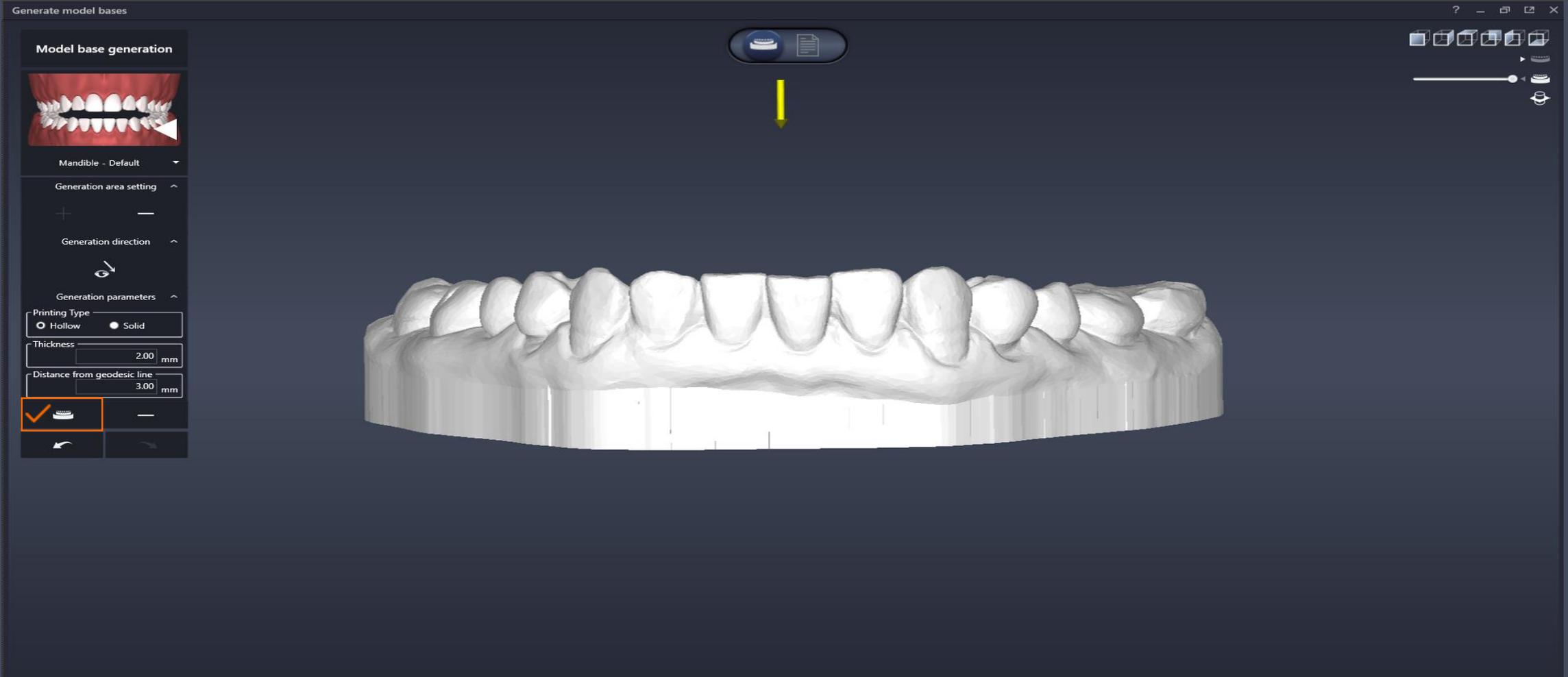
3. To make model base line, click the + button to connect the model base you want to create through the click from beginning to end.





3. Generate Model Base

4. To create model base, click on the model shaped button.





3. Generate Model Base

5. Select the type of model base.

The screenshot displays the 'Generate model bases' software interface. On the left, a sidebar titled 'Model base generation' contains several sections: 'Mandible - Default', 'Generation area setting', 'Generation direction', and 'Generation parameters'. The 'Generation parameters' section is highlighted with an orange box and includes a 'Printing Type' dropdown menu with 'Hollow' (selected) and 'Solid' options, a 'Thickness' input field set to '1.50 mm', and a 'Distance from geodesic line' input field set to '3.00 mm'. The main workspace shows two 3D models of a mandible base, separated by a vertical white line. The model on the left is labeled 'Hollow Type' and is semi-transparent, revealing the internal structure. The model on the right is labeled 'Solid Type' and is solid white. The software interface also features a top toolbar with various icons and a window title bar.

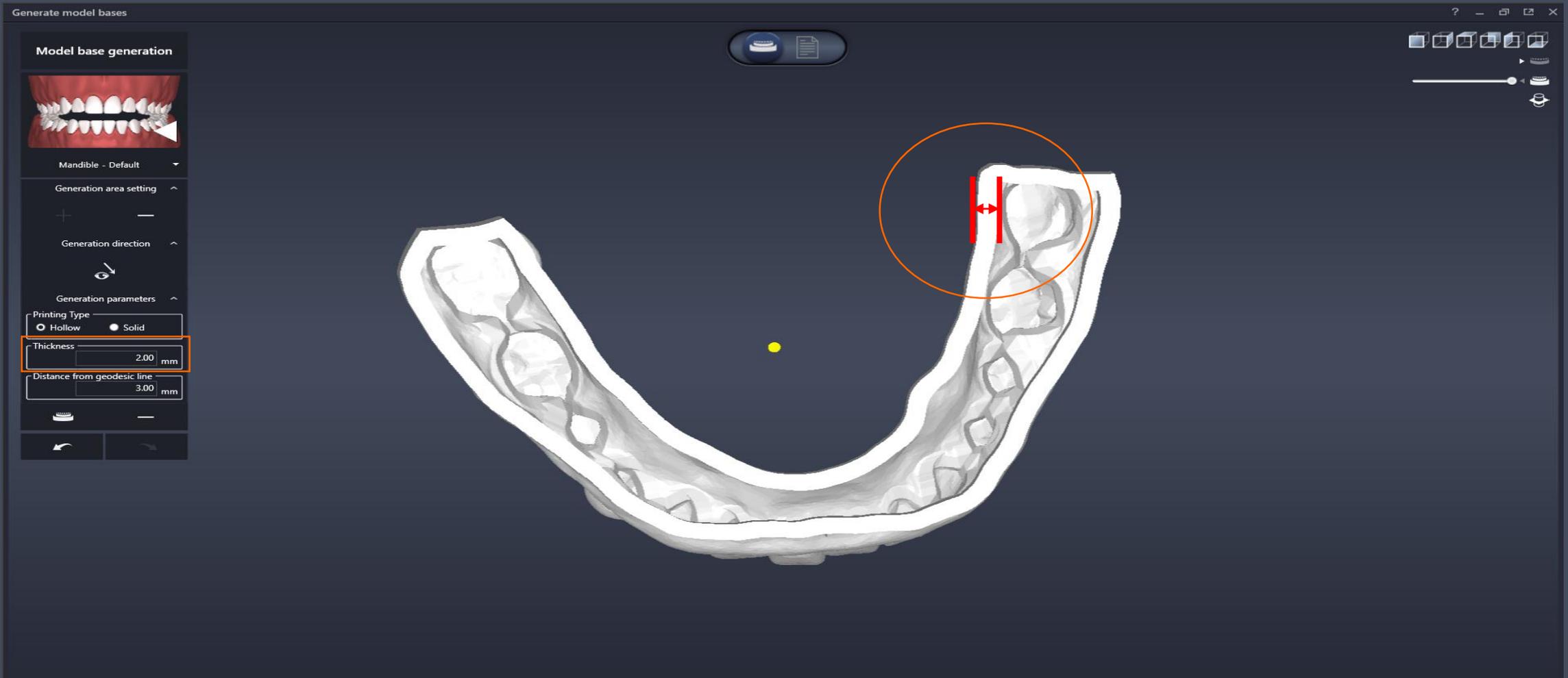
Hollow Type

Solid Type



3. Generate Model Base

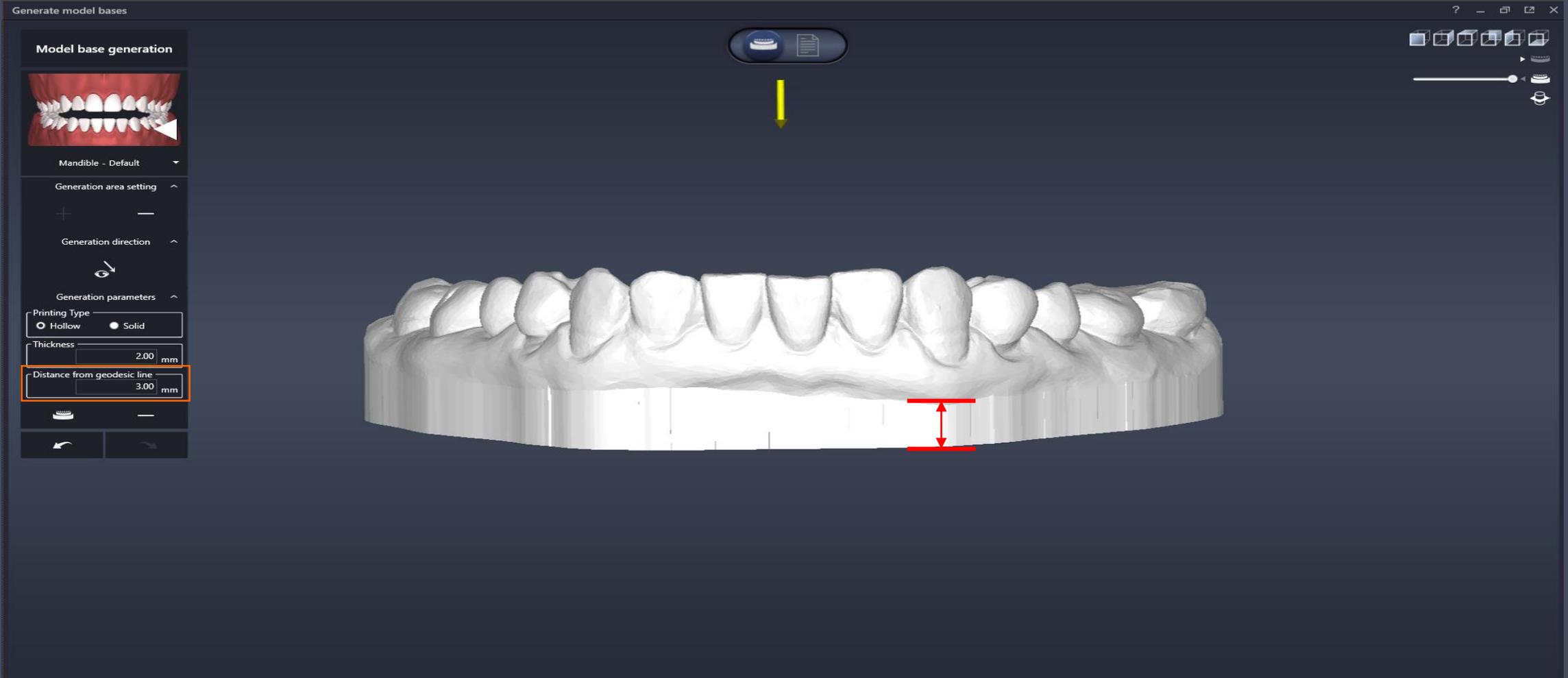
6. Please refer to the pictures below what the thickness means.





3. Generate Model Base

7. Please refer to the pictures below what the distance from geodesic line means.





Thank you

The Best Choice for your Digital Dentistry

3D INDUSTRIAL IMAGING

Address : 138-412 Institute of Computer Technology, Seoul National University, Seoul, South Korea

Website : www.3dii.net



쓰리디산업영상
3D INDUSTRIAL IMAGING