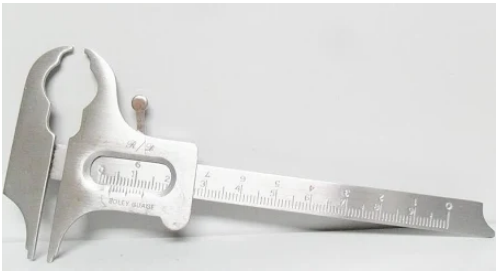
Titanium Base Height Selection

A three step guide for using the 10mm Titanium Base in exocad

Open Implants 10mm tall ti-bases can be adjusted to various heights to suit the needs of the case and uses a streamlined digital workflow across various brands. The guide below explains how to select the proper height and how to use the supporting exocad library. For more information on OI ti-bases, check out the one minute video.

1) Measure

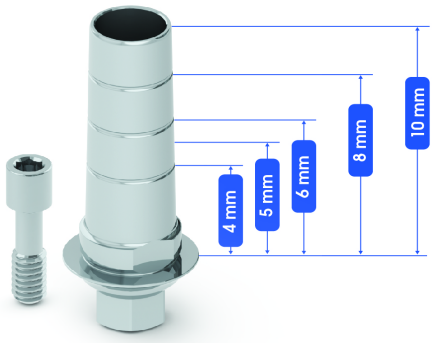
The first thing that you will need to determine is how much interocclusal space that you have to work with. We recommend using a Boley gauge for measuring. Check the fit of the ti-base on the model. We designed the ti-base up to 10mm to help maximize the bonding surface between the component and the crown. Depending on what material your final crown will be, choose the height that will leave you enough room for strength and aesthetics.



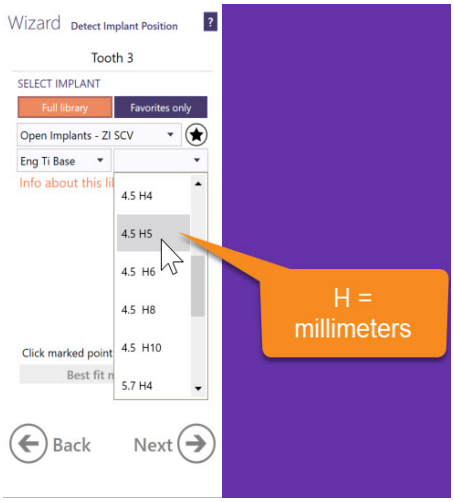
Boley gauge used for measuring

2) Select the Height

Once you have determined what height is needed select it using the Open Implants library in the exocad design phase. The "H" is short for height and the number following is the millimeters (mm). When your order form is set up you are ready to scan and design your case.



Titanium Base Height Reference

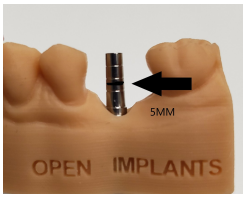


Exocad Library Selection

3) Finish the Crown & Cut

The last step is to cut the titanium base. This step should be completed after the case has gone through cad/cam and has been sintered and glazed. Mark the titanium base with a fine point marker at the final height desired as a reference. Use a disc for cutting metal such as the Wagner cutting disc shown here. The titanium base should fit into the crown seamlessly. Finally, verify the fit under a microscope.
The titanium base is now ready for bonding. See the OI Resource Hub for our How to Guide on sandblasting and cementing Zirconia to the ti- base for further instructions.

Wagner B251 Coarse Wheel



OI Ti-base marked for cutting