



**BIOVOXEL  
TECHNOLOGIES**

# **BIOVOXEL TYPODONT JAW**



**Congratulations!**

on purchasing Biovoxel Typodont Jaw/s for dental training.  
You just became the owner of one of the most advanced  
jaw models for this purpose.

To make sure that the model serves you well, please read  
following manual.

# PRODUCT OVERVIEW

- The models include complete dentition:
  - Upper jaw: teeth 18–28
  - Lower jaw: teeth 38–48
- The teeth have realistic anatomy and naturally shaped roots.
- The models include silicone soft gums for a realistic feel.
- The teeth are already fixed in place with screws.
- Both the teeth and the gingiva are replaceable.



# INSTRUCTIONS FOR USE

## The teeth loosening/ removal

The teeth are loosened with internal mini screws, which are visible when viewed from the back of the model.

- 1/ To loosen the teeth please use the supplied 1.5mm Allen key.
- 2/ When loosening, just turn the screw 3-4 times to the left – do not unscrew it all the way – it is not necessary or advisable.
- 3/ Remove the tooth by hand

## Inserting the teeth

### Step 1: Seat the Tooth

- Insert the tooth into the alveolus.
- Push the tooth firmly in the occlusal direction until it is fully seated.
- You may use your finger, or a hard surface (e.g. gently pressing against a table or solid instrument).



### Step 2: Fix the Tooth with the Screw

- Once the tooth is fully seated, take a 1.5 mm Allen key.
- Insert the Allen key and turn it to the right (clockwise) to screw in the internal screw.

### Step 3: Final Tightening

⚠️ **As soon as you feel the screw touch the tooth, stop tightening.**

- Do not apply excessive force.
- The tooth should feel firm and stable and should not move.

### ⚠️ Important Notice - EndoTooth Use



- **Tighten** the EndoTooth **very gently**. Turn the screw only **until you feel the first light resistance**.
- At that point: Check the tooth by hand. If the tooth is stable, do not tighten further. Overtightening may cause the root to break.

### Replacing the Gingiva

- 1/ Remove all the teeth from the model (follow the instructions above "the teeth removal").
- 2/ Take out the gum gingiva.
- 3/ Place the new gum gingiva onto the alveolus.
- 4/ Reattach the teeth.



### Inserting into the Box

Before placing the typodont jaws into the storage box, make sure they are oriented correctly. The jaws must be inserted with the anterior (front) teeth facing upward.

This orientation ensures that the jaws are not damaged inside the box and provides the most stable positioning during storage. Incorrect placement may lead to unnecessary wear, or instability of the typodont jaws inside the box.



## Troubleshooting

If you over-tighten or under-tighten the tooth, it is possible to fracture the root at the attachment point. In this case, it can be replaced. The broken tip must be extracted, a sharp instrument is suitable for this, e.g. a curette.

## Spare parts

If you need to order spare parts, please write us at [sales@biovoxel.tech](mailto:sales@biovoxel.tech) or visit our web.



## Feedback

If you have any questions or feedback towards further improvements of the model, please do not hesitate to contact us at [info@biovoxel.tech](mailto:info@biovoxel.tech) or whatsapp.



We wish you a lot of quality training!  
*Biovoxel Technologies Team*

