



(EN)

The Ena Matrix system includes:

- anatomical sectional matrices, available in the following sizes: 3,5 mm for pediatric dentistry, 4,5 and 5,5 mm for restorations on gums; 6,5 mm for restorations in sub-gingival areas
- anatomical wedges, colour-coded, available in 3 sizes: small (white); medium (pink); large (violet)
- rings available in 2 sizes: for molar (black); for premolars and pediatric dentistry (red)
- forceps for rings and tweezers for wedges/matrices

Indications

Class II restorations, to facilitate contouring of restorative materials.

Warnings

- Always use a rubber dam to prevent items from being inhaled or swallowed by patient.
- Consumable items (wedges, matrices) are for single use only.
- To ensure complete sterility autoclave rings, forceps, and pin-tweezers before use (134°C minimum 3 minutes)
- Pin-tweezers are recommended for use with matrices and wedges of Ena Matrix system. Pin-tweezers minimize the possibility of unintentional release of the matrix or wedge before placement, and to allow removal of these components in a safe and controlled manner.

Instructions for use

- A. Grip the tab on the matrix with the pin-tweezers and fold the tab towards convex side. This enables you to easily slide the matrix into the embrasure in an apical direction. In addition, squeeze the wings a little to increase the curvature of the matrix as this provides more room for the ring later.
- B. Place the matrix directly into the embrasure on the preparation, taking care to ensure that the matrix is in the gingival crevice adjacent to the tooth you are restoring.
- C. While holding the matrix wing against the buccal or lingual surface of the tooth with your middle-finger, release the tweezers. Using the tips of the tweezers fold the tab over so that it sits above the marginal ridge of the neighboring tooth.
- D. Keep your fore-finger on the tab to prevent it moving. Ask your assistant to place an appropriately sized wedge in the pin-tweezers. Insert the wedge from buccal side and push it in firmly.

E. Ask your assistant to pass you the ring already on the forceps with the lock on. **DO NOT RUSH THIS PART!** Using a finger-rest to steady the forceps, move the ring into position so that it straddles the wedge. Make sure the ring is in direct contact with the wedge and will not move any further in an apical direction.

Note

The tips of the tines of the ring should be close to the gingival margin and the slot should touch the wedge. Sometimes, it is better to place the ring with the spring facing backwards: one example is an MOD or a “DO”. The system allows a second wedge to be easily placed from the other side. The second wedge can be fitted underneath the first wedge. This feature gives the system unrivalled flexibility and enables the dentist to easily adjust the wedging without starting all over. Occasionally your ring may need resetting, particularly if they have been over-opened. They can easily be reset by firmly squeezing the tines together.



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