

TK1 robust, safe, **continuously adjustable** permanent friction for telescope crowns

Long track for friction also used for extreme short crowns because friction contact is **close to the cervical margin**.

Indication:

- All non-precious alloy
- One piece casting
- Short crowns
- New secondary telescopes on old primary telescope

Benefits:

- Permanent** , safe, continuous adjustable friction
- Friction part is an absolute **tight fit** due to **plug**
- Easy replacement within seconds by simply turning back activation screw



1. Fixation of spacer on primary crown, block out towards ridge and use separator (for a one piece cast ready for the duplicate model).

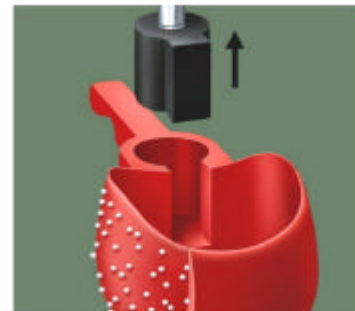
Important: The spacer must stay wax-free.



2. **Take off technique**
Build up crown with pattern resin.



3. Screw screwing instrument (order No.721) into spacer.



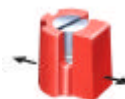
4. Remove the spacer out of waxing.



5. After fitting (with a slight friction) and polishing secondary crown, place **TK1** in secondary crown. By turning screw, friction can be adjusted.



Delivery Specifications
Measures: Height 2.9 mm
Width 2.7mm



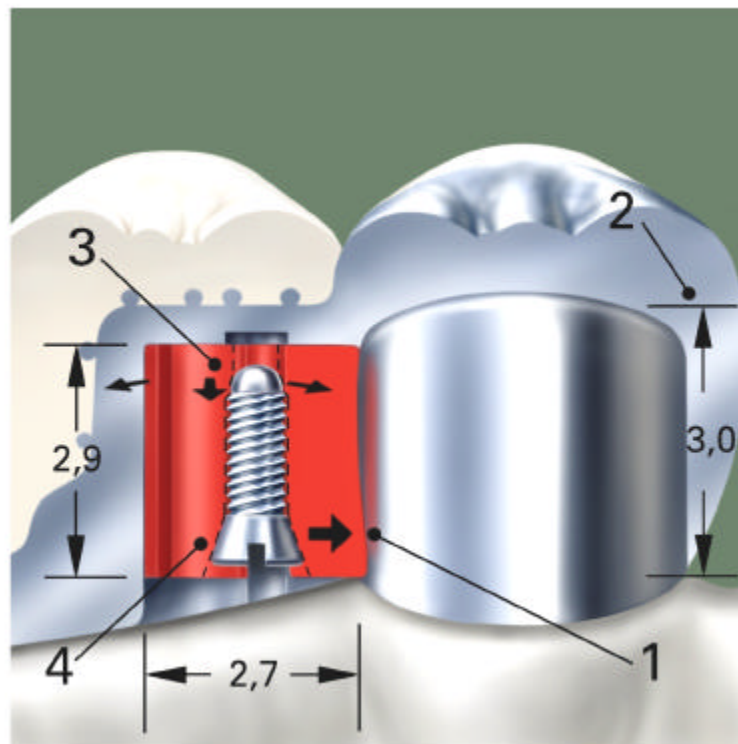
Advancing the screw results in a **totally fixed** friction due to the plug.



The friction is **stronger the further inside** the screw is .



Cross-section of an extremely short crown



Explanation of the numbers at the cross-section

1. Friction pressure **close to the cervical margin**, means **there is enough friction track** even if there are **extreme short crowns**.
2. Optimal friction safety even for primary crowns with only 3mm height.
3. During initiation of activator screw the plug appears, which ensures the stability of friction part.
4. Easy to reach activator and fixation screw from dorsal.

The right process guarantees perfect results