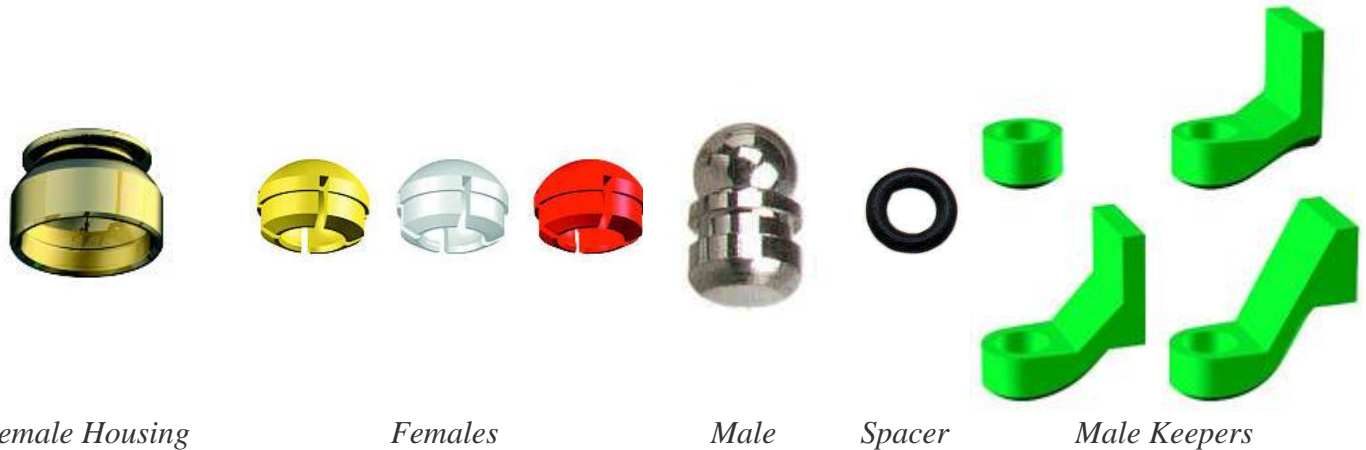




800-232-7732
www.preat.com



Preci Clix Instructions for Bonding the Titanium Sphere



Female Housing

Females

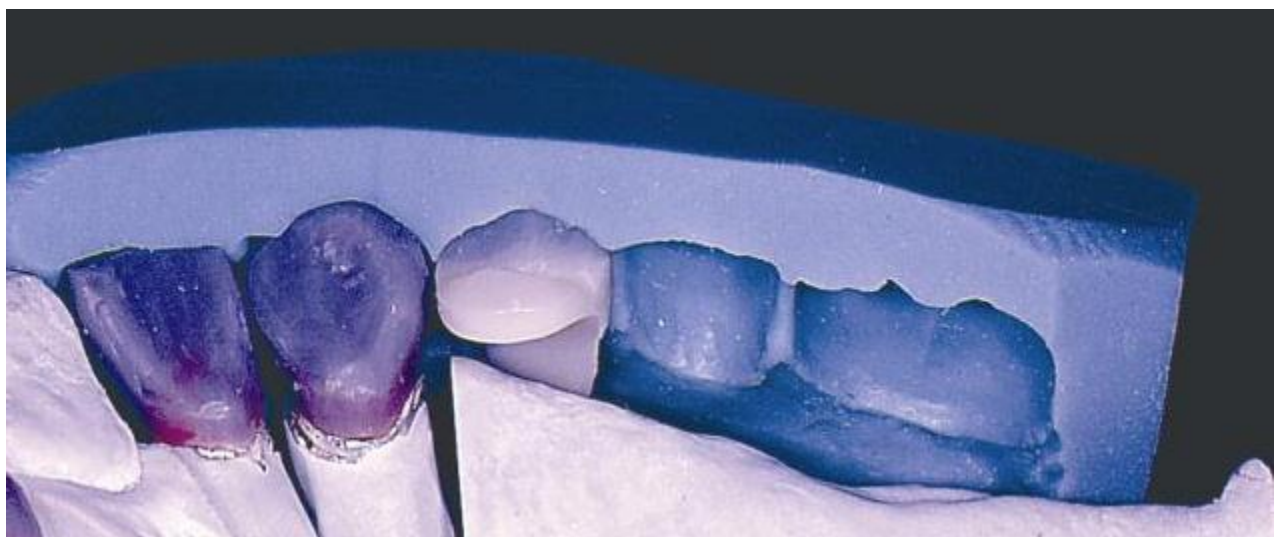
Male

Spacer

Male Keepers

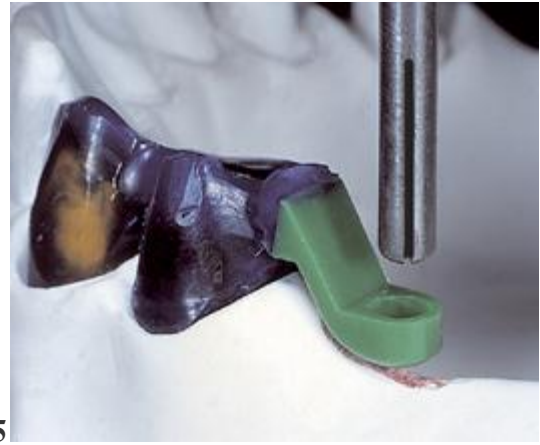
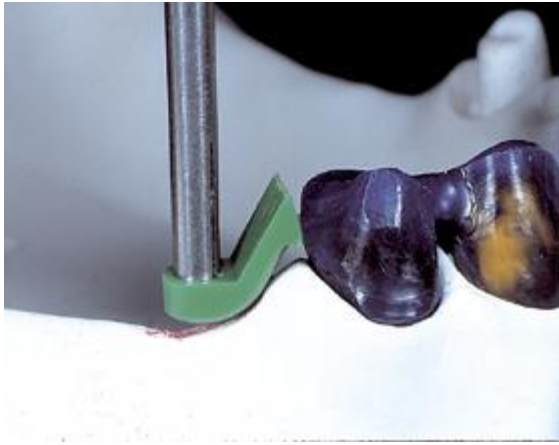
Benefits:

- Bonding of the prefabricated (machined) titanium sphere in to the completed casting assures an accurate size and smooth sphere for minimal wear and a precise fit by eliminating sandblasting during devesting and rubber wheeling necessary in a cast sphere.
- Saves time and money
- This option is highly recommended over the plastic castable sphere (1281).



1

After wax try in, utilize the setup or putty matrix to select the proper keeper for maximum esthetics, space, and function (FIG 1).



Position the appropriate plastic keeper in passive contact with the alveolar ridge using the **RE P7** paralleling mandrel (**FIG 4**). Connect the keeper with wax while keeping the papilla free. Remove the paralleling mandrel and complete the support and connection (**FIG 5**).



Utilize a two stage investment process--fill the keeper with investment to avoid air entrapments (**FIG 6**). Do NOT use any debubblizer. After polishing, check the fit between the Titanium male and the keeper (**FIG 7**). Sandblast both parts and clean with a steam cleaner to assure complete bonding.



Mix **Ceka Site** (1:1) (**FIG 8**) and apply inside the keeper prior to positioning the **Titanium male** (**FIG 9**). Please note: you will need to mix a new batch of Ceka Site for the attachment on the opposing side, as the working time will have expired on the material remaining on the mixing pad.



10



11

Position the male with the 1201 P paralleling mandrel. After 5-10 minutes setting time, the excess composite (FIG 10) can be removed (FIG 11).



12



13

Duplicate the master cast and abutments. Prepare the refractory model (FIG 12). Completely surround the replica of the male and keeper with a thick layer of wax and provide retention for acrylic resin (FIG 13). Cast and finish the chrome framework.



14a



14b

After the crown is tried in, and a new pickup impression is taken, it is preferable to process over a metal analogue male. Take the impression, and index the Preci Clix 1201D analogues into the impression. Pour up model, and the analogue males will provide an exact representation (FIG 14a-d) for processing the female.



14c



14d



15



16



17

Using the **1222 Clix Insertion tool**, insert the **yellow female** into the **metal housing** (**FIG 15**). Check to verify that the female fits into the frame. Place the **black spacer** over the male ball, and then place the female and housing over the ball and spacer (**FIG 16**). Place block-out material over the junction of the black spacer and the titanium male to assure that no denture base resin gets into the female. Connect the female housing to the cast frame with self-cure acrylic resin. Process the female housing into the prosthesis (**FIG 17**).

18



19



Aesthetic and functional (**FIG 18-19**).

