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Preci Clix Instructions for Threaded Sphere



Female Housing

Females

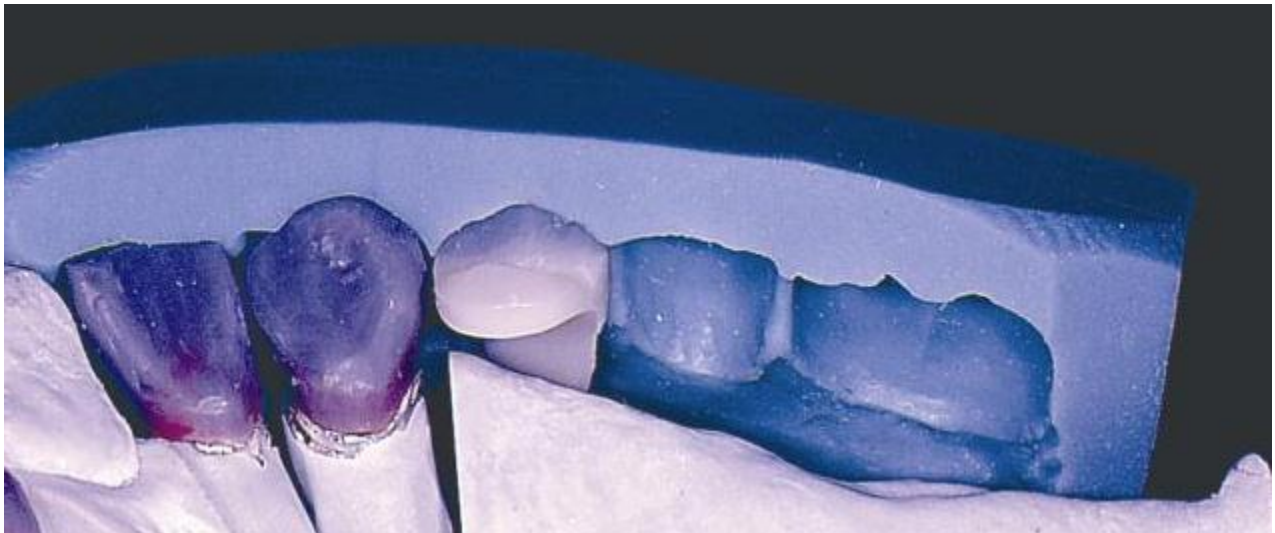
Male

Spacer

Male Keepers

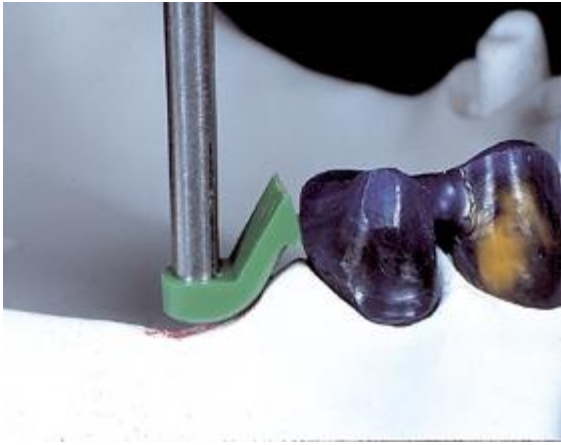
Benefits:

- Bonding of the threaded TI male keeper in to the completed casting with threaded TI sphere 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. Also allows greater servicing options.
- Saves time and money
- This option is highly recommended over the plastic castable sphere (1281).

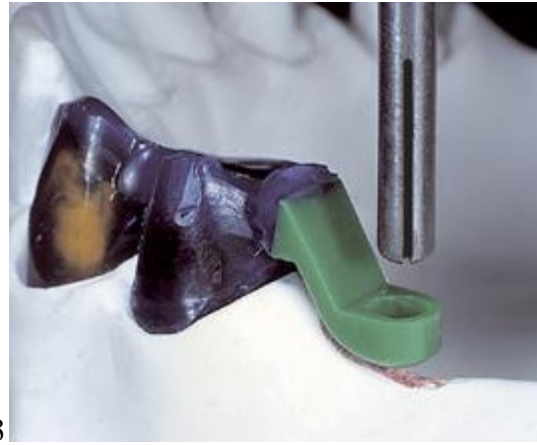


1

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



2



3

Position the appropriate plastic keeper in passive contact with the alveolar ridge using the **RE P7** paralleling mandrel (**FIG 2**). Connect the keeper with wax while keeping the papilla free. Remove the paralleling mandrel and complete the support and connection (**FIG 3**).



4



5

Utilize a two stage investment process--fill the keeper with investment to avoid air entrapments (**FIG 4**). Do NOT use any debubbler. After polishing, check the fit between the Titanium male and the keeper (**FIG 5**). After devesting, lightly sandblast the inside of the cast keeper and the outside of the TI threaded insert. Clean with a steam cleaner to assure complete bonding.



6

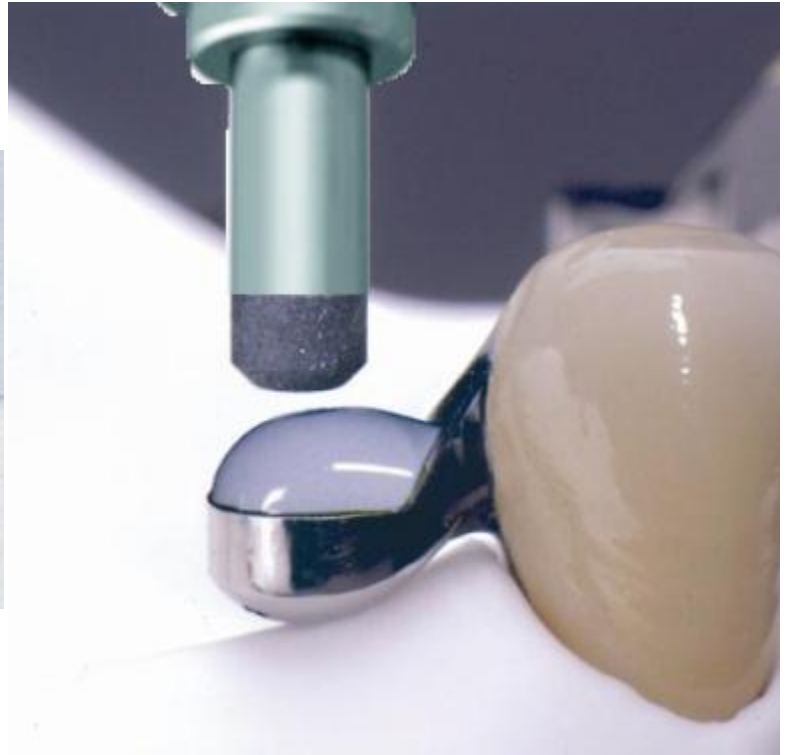


7

Mix **Ceka Site** in a (1:1) ratio (**FIG 6**) and apply inside the keeper prior to positioning the **Titanium** keeper (**FIG 7**).

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.

9

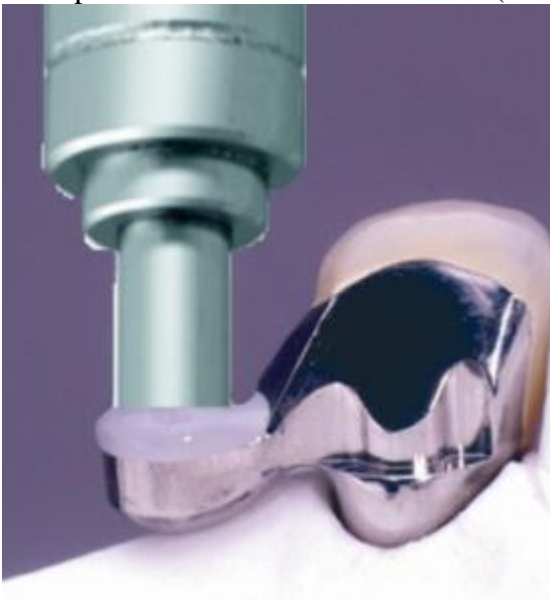


8



Position the threaded TI insert with the REP4 paralleling mandrel (**FIG 8-9**). After 5-10 minutes setting time, the excess composite (**FIG 10**) can be removed. Clean, polish, and use the Preci-Clix hex driver to thread the 1206C TI sphere into the threaded TI insert (**FIG 11**).

10



11



Prepare the refractory model (**FIG 12**) and wax up framework (**FIG 13**)



12



13

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 try-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 12a-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**).