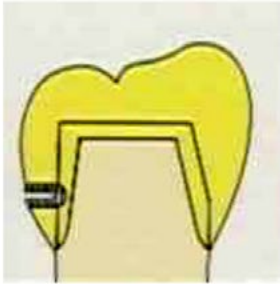




Pin Screw Instructions



Benefits:

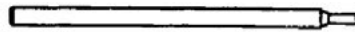
- Easy Technique
- Horizontal Application eliminates gradual unthreading
- Esthetic--no screw on occlusal
- Forces are on the screw, not the threads



Pin Screw Component/Kit Listing



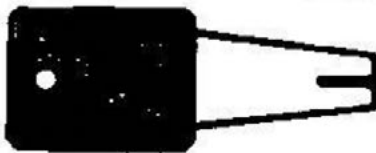
Pin Screw 1.4 or 1.6mm



Center Bur



Screwdriver



Socket Key



Twist Drill



Thread Cutter

Instructions

Use as a set or locking screw for dentist removable crown(s), bridges, or removable prosthesis over implant suprastructures or telescopic castings. The Pin Screw is primarily utilized horizontally for telescopic dentist removable prosthesis.

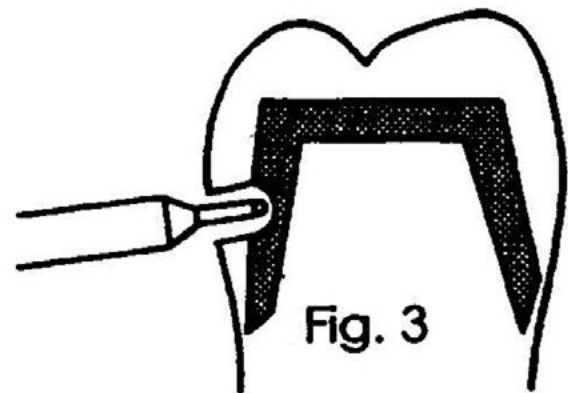
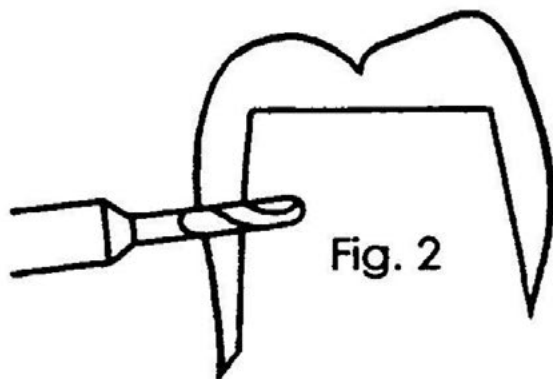
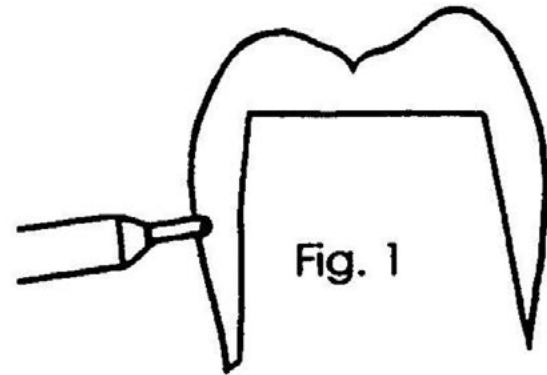
1. Select either the 1.4mm \varnothing or 1.6mm \varnothing diameter Pin Screw. The 1.4mm \varnothing is recommended because corrections are easy by changing to the 1.6mm \varnothing pin screw.
2. The primary crown/coping is waxed, cast, and finished. Send out for try in and pick up in a new master impression.
3. The primary crown/coping is lubricated and the secondary or removable crown is waxed. When the secondary crown is to be prepared to metal or resin to metal, be sure that the area where the Pin Screw is positioned is **metal**--not porcelain or resin. Minimum thickness should be 2.0mm.

Cast the secondary crown in a precious or semi-precious alloy. Non-precious alloys are too hard for cutting the channel and tapping threads. Finish the secondary crown.

4. Select the proper size center bur. Use the 1.20mm diameter bur for the 1.40mm Pin Screw, and use the 1.40mm diameter bur for the 1.60mm Pin Screw.

Select and indent the position for the Pin Screw (**FIG 1**).

DO NOT attempt to dimple the primary crown at this time.

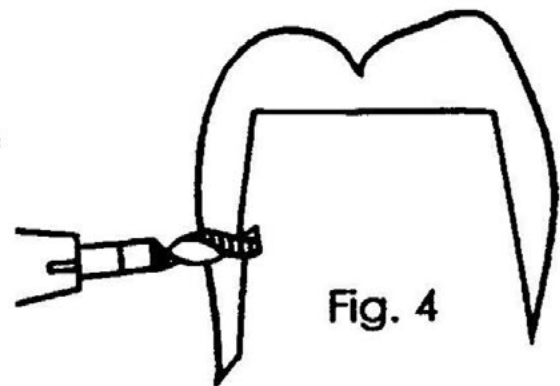


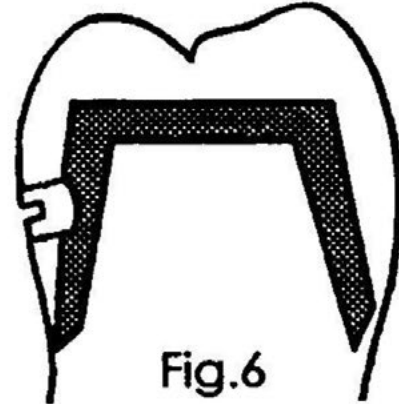
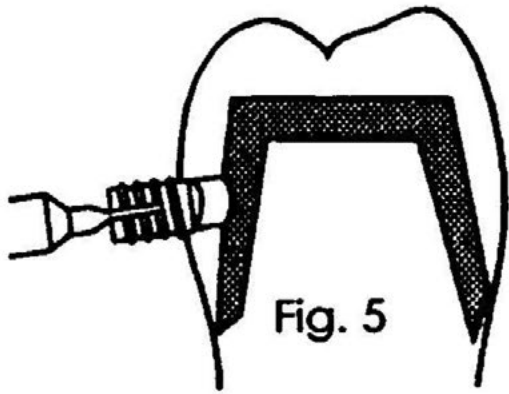
5. Select the same size twist drill as center bur and refine the channel. Cut the channel in the secondary crown. Angle channel slightly **upward** (**FIG 2**).

Seat the secondary crown on the primary crown/coping. Use the 1.0mm centering bur to cut a dimple or recess in the primary crown (**FIG 3**).

6. Select the 1.40mm thread cutter for the 1.40mm Pin Screw, or the 1.60mm thread cutter for the 1.60mm Pin Screw. Put the thread cutter in the socket key and carefully cut the threads in the secondary crown by hand (**FIG 4**).

Never attempt to use the thread cutter in a hand piece.





7. Use the screwdriver to thread the Pin Screw through the secondary crown and into the dimple or recess in the primary (**FIG 5**).

Carefully cut off the excess length of the Pin Screw and rubber wheel into the contour of the secondary crown. Be sure an adequate slot for the screwdriver (**FIG 6**).

For more information, contact Preat at 1-800-232-7732 or visit preat.com