

Other items that can be used to adjust TCS Appliances:

Pink Zirconia Bur (5035Z ea.)

An upgrade from the Green Mounted Stone, this is a favorite for chairside adjustments due to its ability to cut through thermoplastics yet leave a smooth surface.

Brown Rubber Points *Small (4513-01 12/pk) Large (4514-01 12/pk)*

Cuts moderately and leaves a smooth surface.

Mini Fuzz Buff (4222-01 12/pk)

Used to buff out imperfections.

Mini Rag Buff (4221-01 12/pk)

Used with polishing paste to re-polish when necessary.

Green Hi-Shine Polishing Paste (4209-02 1 lb.)

Used in combination with the Mini Rag Buff.

Carving Knife (4201-01 ea.)

Sharp blade used to remove remaining fibers/threads.



Tips:

- Burs that are used for acrylic do not work well with thermoplastic materials.
- Use constant motion in one direction and avoid pressing too hard as this may result in burning or melting the material with the heat of the friction.
- Hold the partial with a good grip to have full control of the adjustment.



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Initial Insertion & Adjustments of TCS Flexible Partial



Prior to Initial Insertion:

- Examine the appliance off the model checking for sharp edges or obvious irregularities.
- Place the appliance on the model and examine again. This is a good time to check the path of insertion and determine the best way to insert the appliance into the patient's mouth. This is especially important in cases with deep undercuts.
- Make sure flange or clasp area does not exceed height of contour of the tissue undercut.

Hot Water Treatment for Initial Insertion:

It is important to bring the TCS Appliance up to body temperature for initial insertion, do this by placing the appliance in hot tap water for approximately 30 seconds to 1 min. When the appliance is at a tolerable temperature, insert into the patients' mouth. This step is also helpful for insertions after relines or repairs.

Hot Water Treatment for Clasps Adjustment:

Before opting to relieve the clasp with a bur, use the Hot Water Treatment; submerge the section in hot tap water for approx. 30 seconds. Bend it gently inward (to tighten) outward (to loosen) while holding it under cold water. This treatment relaxes the elastic memory of the material without sacrificing the original design of the appliance.

Adjusting TCS Appliances:

If the patient senses discomfort, it is normally due to: sharp edges, pressure in the interproximal areas, poor occlusion, over-extended flange, too much pressure on the gingiva in the clasp area.

Typically, the Green Mounted Stone can be used to make all adjustments necessary, and when used properly, will leave a smooth surface.

Check out additional adjustment tools on reverse. The Pink Zirconia Bur is the premium tool for chairside adjustments.



IMPORTANT

Remember, the degree of flexibility depends directly on the thickness of the partial and the length of its horseshoe. When making adjustments, relieve a little at a time and be careful not to reduce too much. Excessive thinning may sacrifice the integrity of the appliance and cause it to become too flexible and unstable in the mouth.



VIDEO

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