



# Albert Tassi Dental Studio, Ltd.

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**CAPTEK**  
ESTHETICS WITHOUT COMPROMISE

## POSTERIOR PREPARATION GUIDE



**Step one:** Interproximal slice with **169L Bur** and break contact.



Utilizing the 169L will help avoid over tapering of final preparation.

**Step two:** Cut three facial on two planes and two lingual depth cuts with **169L bur (1 mm deep)**.



The 169L is .9mm wide. Taken to full depth, this depth guide, when gross reduction is completed, should produce minimum reduction of 1mm buccally and lingually.

**Step three:** Use **330 carbide bur** to cut 1.5 to 2 mm occlusal depth guide in a "spider" shape.



At least 1.5mm to 2mm of occlusal reduction is necessary for maximum strength and adequate porcelain coverage .

**Step four:** Use **Brasseler 5811-033** trapezoid shaped bur to complete "deep V" occlusal reduction. Connect the dots...



**Step Five:** Prepare facial, lingual and interproximal with **Brasseler 5856-0166** diamond bur. Connect the dots...



**Step Six:** Preparation finishing & margination with **Brasseler med 8856-016** finishing diamond. Check against opposing for adequate reduction in excursive movements.



**PLEASE NOTE :** Standard retention and resistance form should be followed. i.e. Keep axial wall inclinations from angles greater than 25° and maintain a wall height of 4mm for posteriors. If this is not possible, make sure to decrease the angle of taper and add retention grooves or build up the crown to accommodate proper form.

Captek would like to thank Dr. John Cranham for his support in developing these preparation guidelines.

**CONTACT YOUR CAPTEK CERTIFIED DENTAL LABORATORY FOR ADDITIONAL INFORMATION OR 1-800-921-2227**