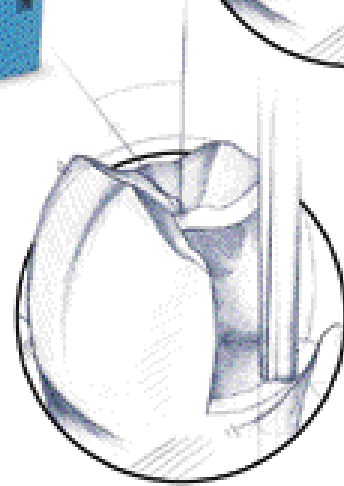
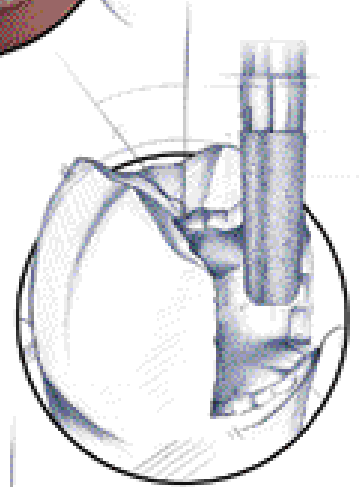
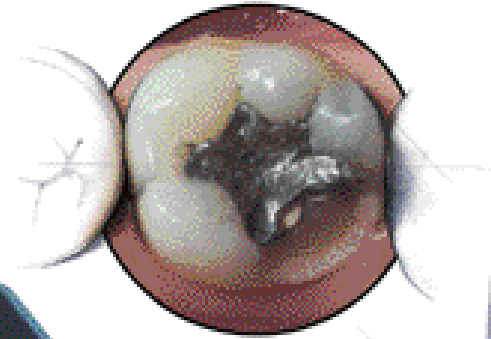


For Preparations of Esthetic Inlay/Onlay Restorations

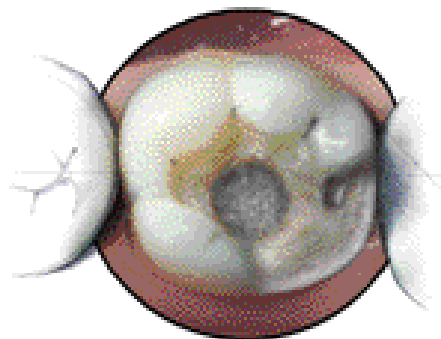
According to Ron Jackson, DDS

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Technique Guide



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For Preparation of Esthetic Inlay/Onlay Restorations

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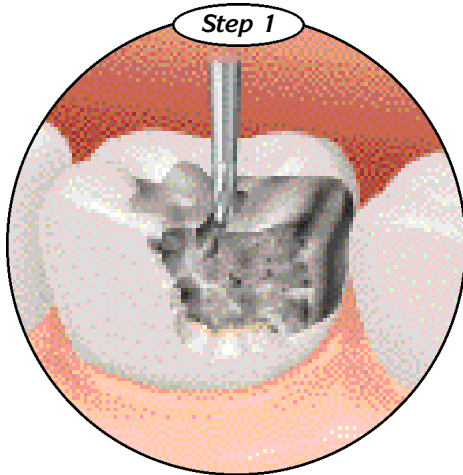
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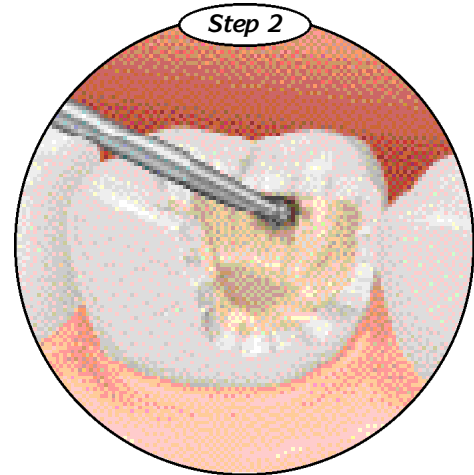
For the Preparation of Esthetic Inlay/Onlay Restorations

The Esthetic Inlay/Onlay kit according to Dr. Ron Jackson is designed for optimal preparation and final adjustment of resin or ceramic esthetic inlay/onlay restorations. The kit is very simple to use, and when the suggested sequence is followed, leads to a very accurate preparation design in an efficient manner. The kit contains six preparation burs, three occlusal adjustment burs and two round latch burs for caries excavation. It also has 4 extra holes to add shorter than short preparation burs (845KR-025, 846KR-018, 849L-009) and an extra hole for inclusion of a preferred amalgam removal bur (suggested burs might be H34-012 or 1557). The complete kit comes in an autoclavable bur block.

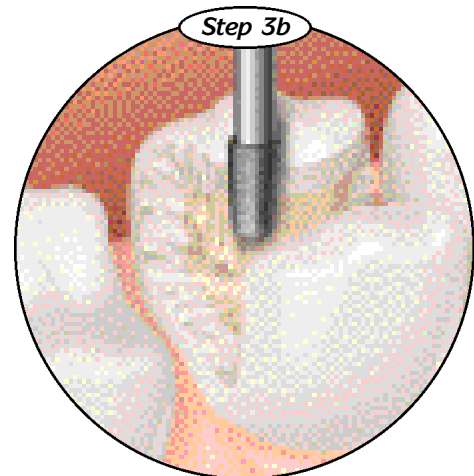
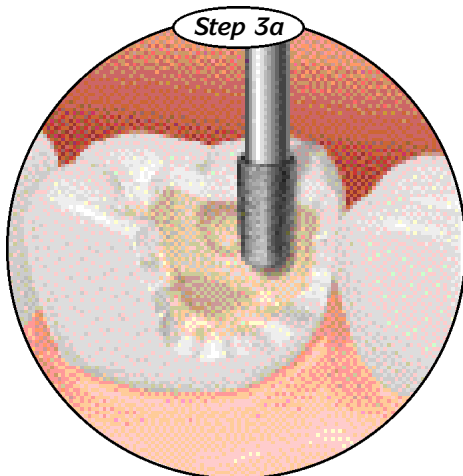
Technical Sequence



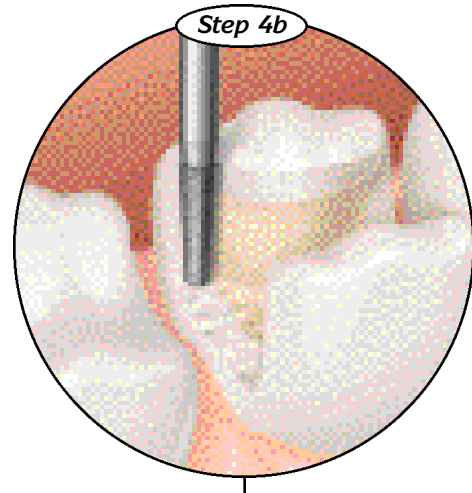
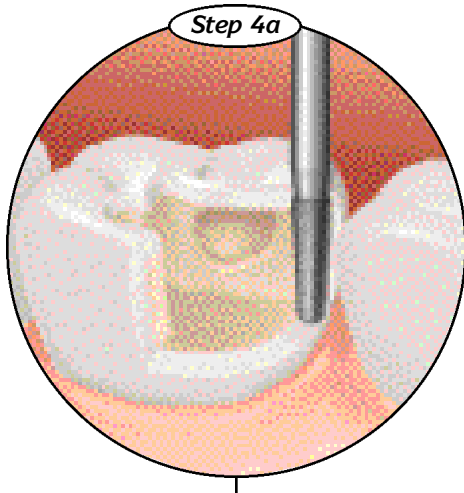
After anesthetizing the tooth, remove any existing amalgam with a preferred amalgam removal bur, such as a 1557 or a H32 (metal cutter). Do not remove any enamel at this time.



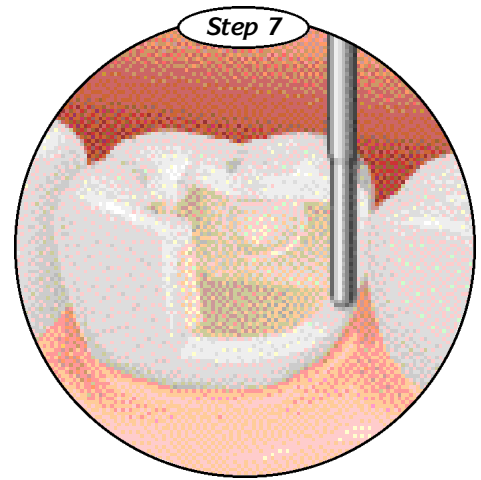
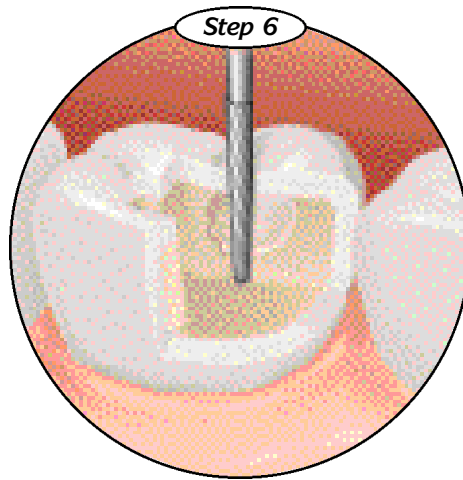
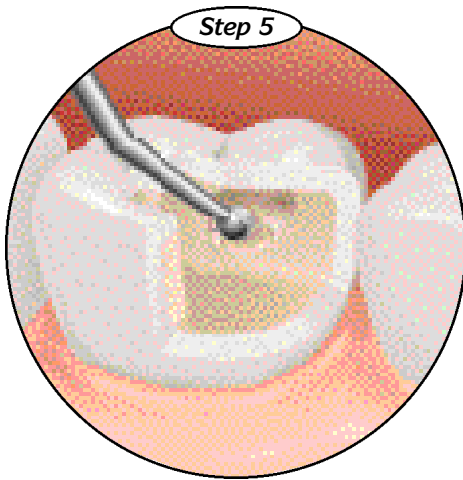
Remove carious dentin with a round carbide of appropriate size. Enamel is only removed if necessary to access caries.



Prepare the occlusal portion of the tooth with either the large 845KR-025 (Step 3a) or small 845KR-018 (Step 3b). Hold the instrument parallel to the long axis of the tooth to achieve the desired draw (6° - 12°). Note that it is neither necessary nor desirable to remove enamel to eliminate undercuts.



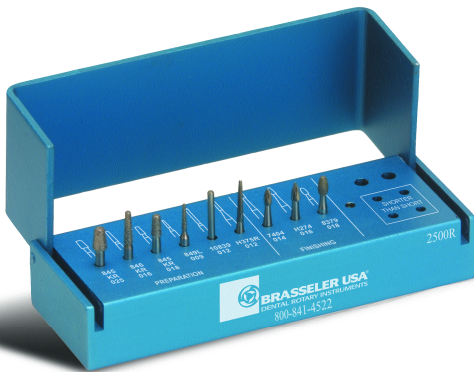
Prepare the proximal box with either the large 846KR-016 (Step 4a) or small 849L-009 (Step 4b). Tooth structure is removed only to achieve draw and not to eliminate undercuts.



Fill in or block out all undercuts using a preferred material such as a light cured resin ionomer. It is easier to over block out the undercuts and then to cut back.

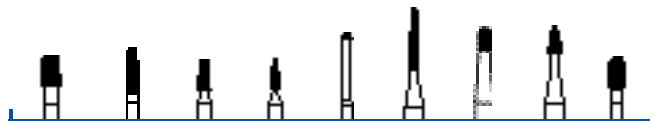
Excess block out is removed and all walls smoothed by finishing the preparation with the H375R-012.

The 10839-012 is a tissue protective, end-cutting diamond. It is used to create a smooth butt-joint margin in the proximal box when narrow access prevents achieving it with the 846KR-016. The 10839-012 also helps to eliminate sharp ridges or "lipping" at the gingival margin.



Preparation

Finishing



2500R

Order No.	◆845KR	◆846KR	◆845KR	◆849L	10839	H375R	◇7404	◇H274	8379
Size	Ø 1/10 mm	025	016	018	009	012	012	014	016
L mm		4.0	6.0	4.0	5.0	-	8.0		3.5
Carbide blade		-	-	-	-	12		12	

Esthetic Inlay/Onlay Kit

Developed by Dr. Ronald Jackson

Friction Grip 31 —
Ø1.60mm x 19mm L

Preparation diamonds and carbide burs for Inlay/Onlay restorations.

- ◆ Available in shorter than short shank 32
- ◇ Trimming and finishing carbides are suitable for adjustments of resin based restorations only. The 8379 Diamond is provided for use on ceramic materials.

