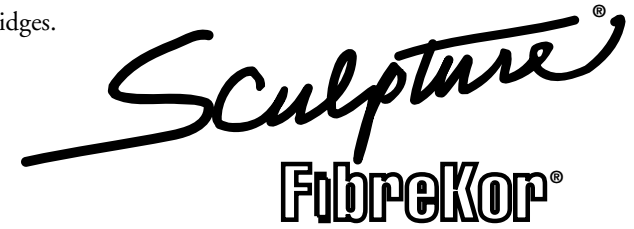


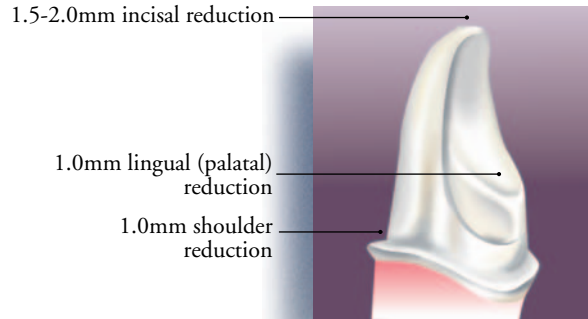
TOOTH PREPARATION GUIDELINES FOR SCULPTURE/FIBREKOR RESTORATIONS

INDICATIONS:

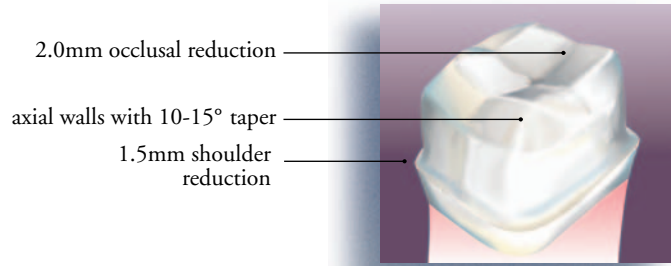
Prescribe Sculpture/FibreKor brand restorations for anterior and posterior crowns, inlays, onlays, onlay bridges and full coverage bridges.



ANTERIOR CROWNS



POSTERIOR CROWNS

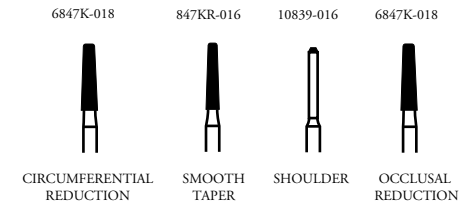
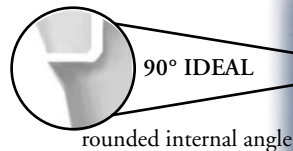
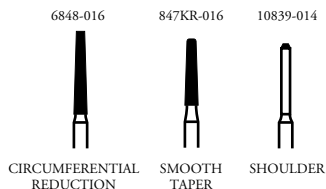


- Circumferential reduction is accomplished as shown above, with a 1.0mm shoulder, using Brasseler 6848-016 and 847KR-016 diamonds. A 10839-014 diamond is used to smooth the shoulder.
- A lingual (palatal) reduction of 1.0mm is done with a foot ball shaped Brasseler 6368-023 or -016 diamond, following the natural contour of the tooth.
- Incisal reduction of 2.0mm should be accomplished as above. The inciso-axial line angles should be rounded and smoothed.

MOLAR CROWN

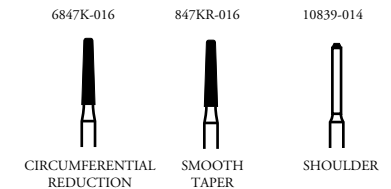
• Circumferential reduction with a 1.5mm shoulder preparation, following the contour of the gingival crest, is accomplished using a Brasseler 6847K-018 diamond. The cavo-surface margin of the shoulder should be 90° with no chamfer or bevel. Axio-gingival line angles are rounded internally, and axial walls should have a 10-15° taper toward the long axis of the tooth. This is done using a Brasseler 847KR-016 diamond which will also smooth the axial walls. The shoulder is smoothed with a Brasseler 10839-016 diamond which is end-cutting only. There should be no undercuts, maintaining a passive path of insertion.

• Occlusal reduction of 2mm is accomplished with a Brasseler 6847K-018 diamond, maintaining a proper cuspal inclination. All occluso-axial line angles are rounded and smoothed with an 847KR-016 diamond.



BICUSPID CROWN

• Follow directions for molar crown above, but reduce the depth of the shoulder to 1.0mm using Brasseler 6847K-016, 847KR-016 and 10839-014 diamonds respectively.



Burs are available through Brasseler USA, 800.841.4522 - Kit #230-31

P.O. BOX 724 / WALLINGFORD, CT 06492
800.243.3100 / INTERNET: www.jeneric.com

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