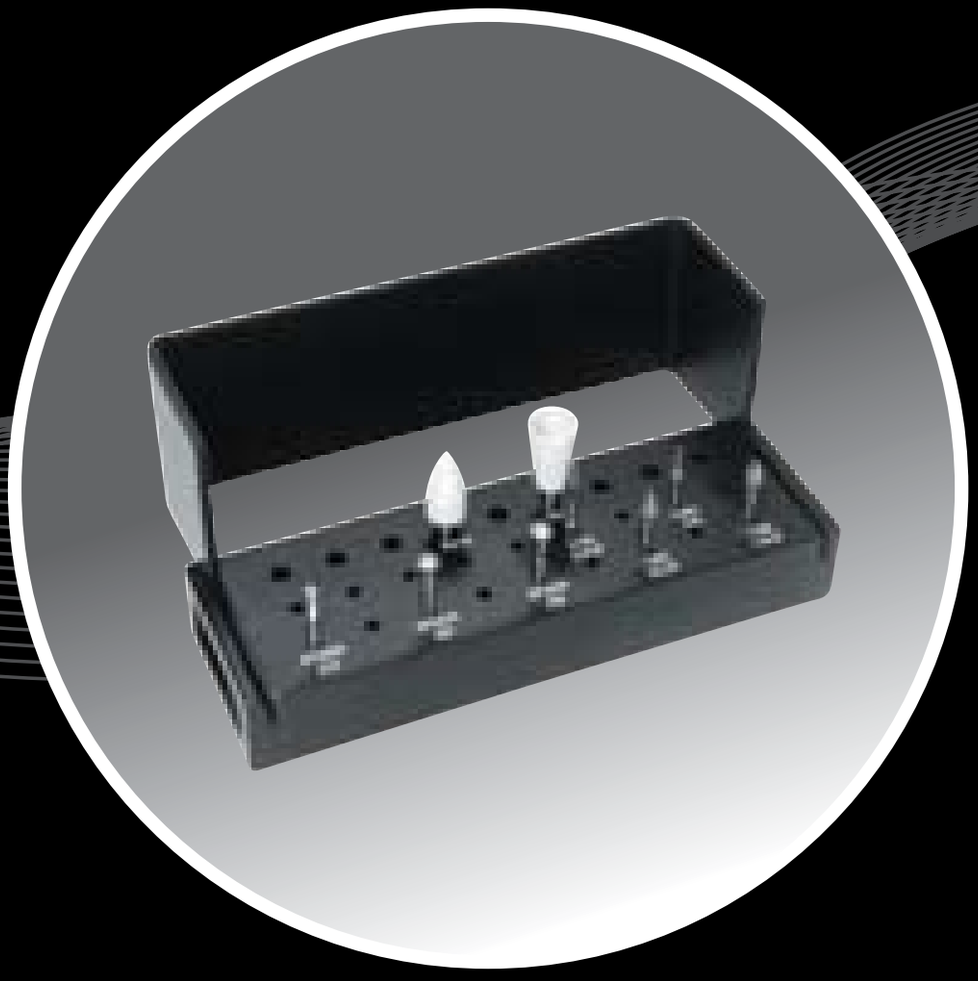
Logic Set

AXIS™
www.axisdental.com

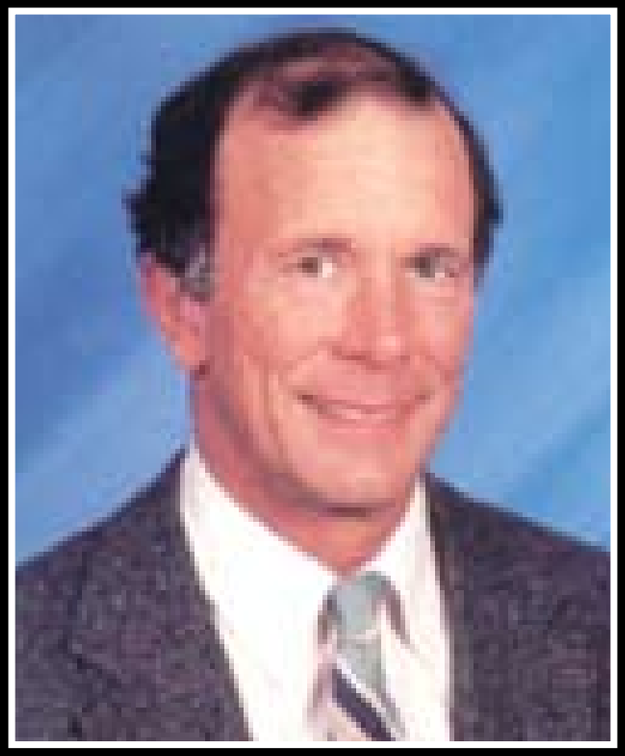
LS-7510 R.A.P.T.O.R.® Resin Sculpting Set

Procedure by Dr. Robert C. White



Product Specialist:
800.355.5063

For a number of years the finishing and polishing step of posterior class I and II composites was a labor intensive exercise. Dentists wasted expensive operatory time in this endeavor until the R.A.P.T.O.R.® diamond bur was developed.



AXIS Dental has recently developed the LS-7510 R.A.P.T.O.R.® Resin Sculpting Set, which is a very unique and efficient composite finishing set. The burs in this set are modeled after the Acorn 21B and Hollenback amalgam carver and are used on composites in a similar manner but with rotary motion.

This set is very simple to use and provides the operator with a very rapid learning curve.

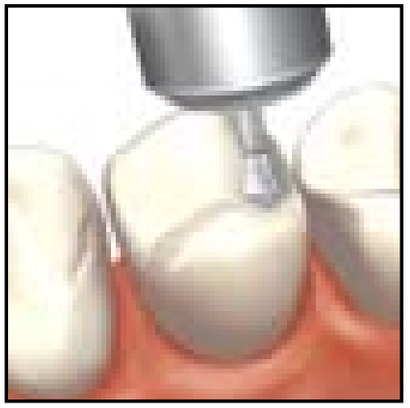
Dr. Robert C. White
Private Practice
College Station, Texas

R.A.P.T.O.R.® is licensed to AXIS Dental Corporation by American Diamond Instruments.

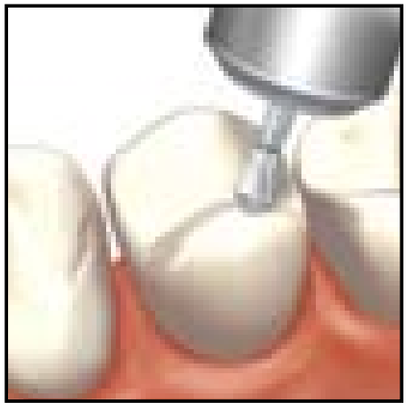
Tech Specs : Suggested Techniques

In this case study we will begin the restoration by replacing the old amalgam.

Once the composite resin has been cured, remove the matrix band and begin sculpting with either the R.A.P.T.O.R.® **SF901R-027** or **SF902R-029**. In general, the smaller **SF901R-027** is used on bicuspids and the **SF902R-029** is used for molars.

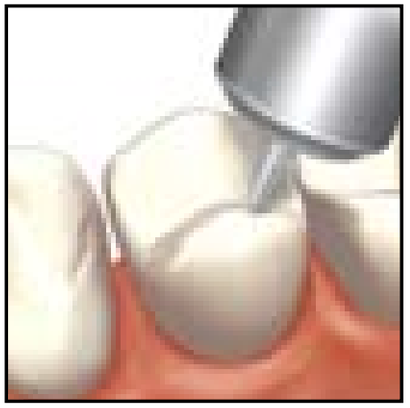


For Molars: Using **SF902R-029** sink the tip into the central pit area, the mesial and distal marginal ridge bowls and proceed to form the planes by going bi-directionally from pit to pit.

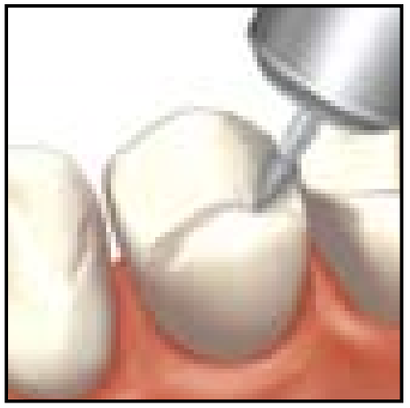


For Bi-cuspids: Using the **SF901R-027**, go halfway from the mesial to distal pit and halfway from the distal and mesial pit. Continue to cut from each pit until the planes you cut meet.

Tech Specs : Suggested Techniques



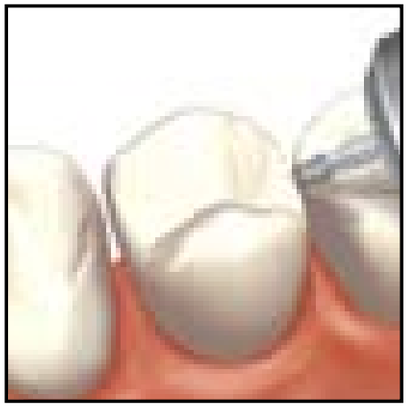
Further refinement of primary and secondary anatomy, if desired, can be shaped with the smaller **SF905R-014**.



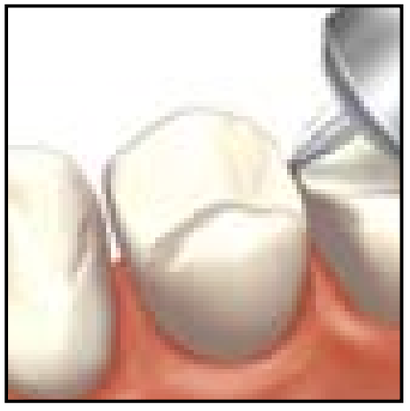
The next step involves the **H290-021UF** Christmas Tree carbide. The safe-end 30-fluted carbide bur is modeled after the Hollenback carver. It will smooth planes, polish fissures and will not cut precious enamel.

Round the “bowl” of the marginal ridges with the egg shaped **H369-018UF** carbide bur. The convex surface is effective at contouring marginal ridges and polishing primary occlusal anatomy in worn dentition case.

Tech Specs : Suggested Techniques



Flashing and excess composite can easily be removed from the interproximal areas with the well-designed **M392-016** needle shaped diamond.



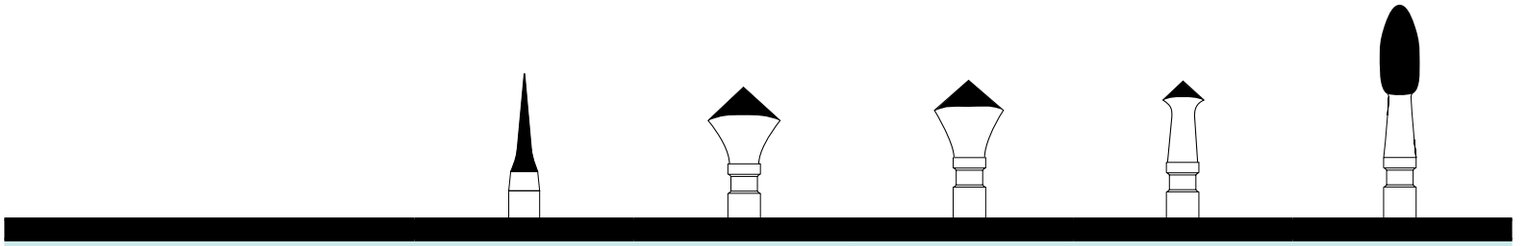
Finish the interproximal areas with the ultra-fine **H134-014UF** carbide bur.

The final polish is a very rewarding step for the operator. This is done with the high-speed diamond impregnated PDQ2™ **P3132** point and **P3135** cup. These polishers render a very high gloss to the composite without the need for paste or water.

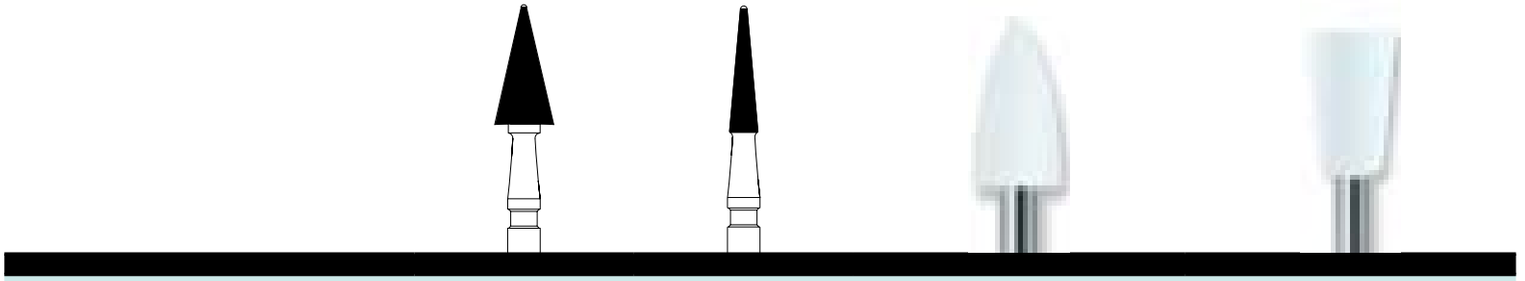
Product Specialist: 800.355.5063

To reorder, please contact your preferred authorized distributor, or call an AXIS Dental Product Specialist.

LS-7510 R.A.P.T.O.R.® Resin Sculpting Set



MFG. NO.	392	901R	902R	905R	H369
SIZE 1/10mm	016	027	029	014	018UF
LENGTH (mm)	5.0	1.3	1.4	1.0	5.5
Description					H
Shank	FG (31)				



MFG. NO.	H290	H134	P3132	P3135
SIZE 1/10mm	021UF	014UF		
LENGTH (mm)	3.4	6.0		
Description	H	H	PDQ2™	
Shank	FG (31)		RA (21)	

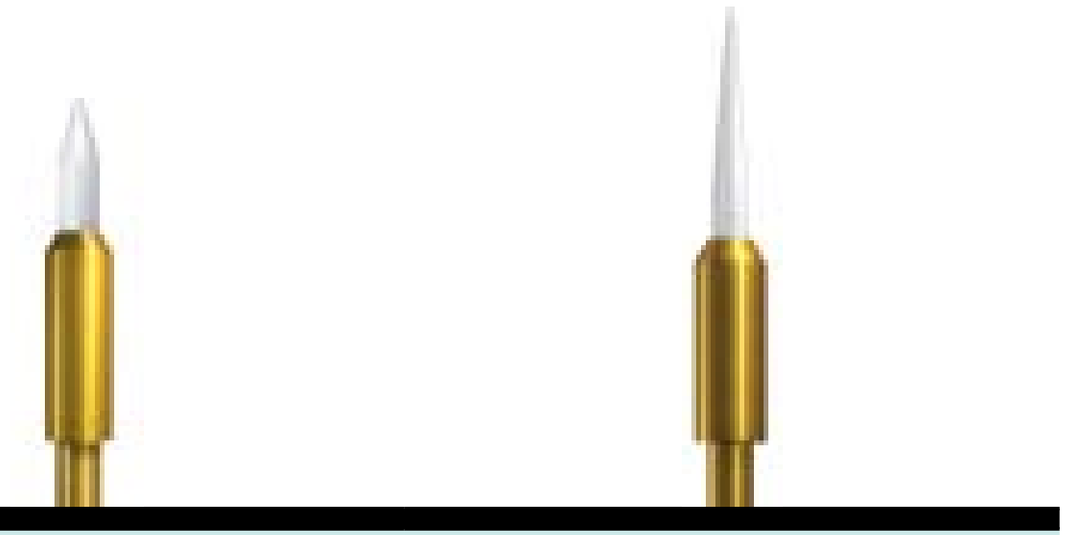
Also available from AXIS Dental...

NTI®
The Total Rotary Solution

An alternative and addition to electrosurgery and the scalpel!

The **NTI® Soft Tissue Trimmer** is a flame shaped hard oxide ceramic cylinder. It is used in the high-speed handpiece at full rpm without water coolant spray to excise and contour soft gingival tissue with minimal bleeding. Unlike radiosurgery or electrosurgery, there is little risk of over-heating the surgical site and compromising the bone. Autoclavable.

Recommended Speed:
300,000 to
500,000 rpm



MFG. NO.	**STT-016**	**STTL-016**
SIZE 1/10mm	016	016
LENGTH (mm)	5.0	8.0
FG (31)	■	■
Package	Individual	

Recommended Sterilization Procedures for AXIS Dental Aluminum Bur Blocks

1. **Dry Heat, Autoclave and Chemiclave Sterilizers**
   Operate sterilizer unit within time and temperature ranges suggested by the manufacturer.

2. **Ultrasonic Cleaning**
   Use general purpose solutions which are safe for aluminum, containing no alkali products such as sodium hydroxide, potassium hydroxide, or other hydroxides.

   Directions for Ultrasonic Cleaning:
   A) Mix solutions as suggested by the manufacturer
   B) Follow the suggested cycle time
   C) Remove from solution and rinse well with water
   D) Dry thoroughly before placing in sterilization pouches