Crown Removal Set
LS-102

This Logic Set features instruments for removing crown and bridge restorations. Contains diamonds for cutting through porcelain and three each of two different metal cutting carbides.

When cutting crowns and bridges the following should be observed:

1) The veneer should be separated with a diamond.

2) Crown material reduction of the crown material layer should be started from the margin to the incisal edge several times with a maximum speed of 120,000-160,000 rpm’s. Hold the H134-012 or H36RS-012 at a 45 degree angle to avoid binding of the instrument. (See illustration to the right)

SC856T-014: This NTI Supercoarse Turbo Diamond incorporates a “diamond-free zone” that allows for maximum cutting efficiency and minimal heat generation. The continual spiral design is excellent for cutting through porcelain when removing crowns.

H36RS-012: One of a superior line of NTI carbide burs designed specifically for cutting through all metals. The unique cutting design is excellent for removal of metal-based crowns and pre-existing restorative materials. The tip creates rounded internal line angles which are necessary for today’s resin-based restorations.

An elevator or crown-removing instrument is placed into the notch and twisted sideways to expand the crown.

The porcelain will break off the crown to be removed when twisting with the instrument.

The cement seal is broken due to the expansion of the crown and the crown can be removed with minimal trauma.

The tooth after removal of one crown.

Suggested Techniques

HP & RA/Latch recommended speed: 5,000-7,000 rpm. FG Polishers should be used at minimum speed allowed by your electric handpiece with light pressure.