

INSTRUMENTATION TECHNIQUE

CREATE STRAIGHT LINE ACCESS

- Negotiate all root canals to their terminus with stainless steel Lexicon® K-Files, in the presence of ProLube® root canal conditioner.
- Establish patency by taking a #10 K-File at least 1 mm past the canal terminus, and at least a #15 K-File to the terminus.

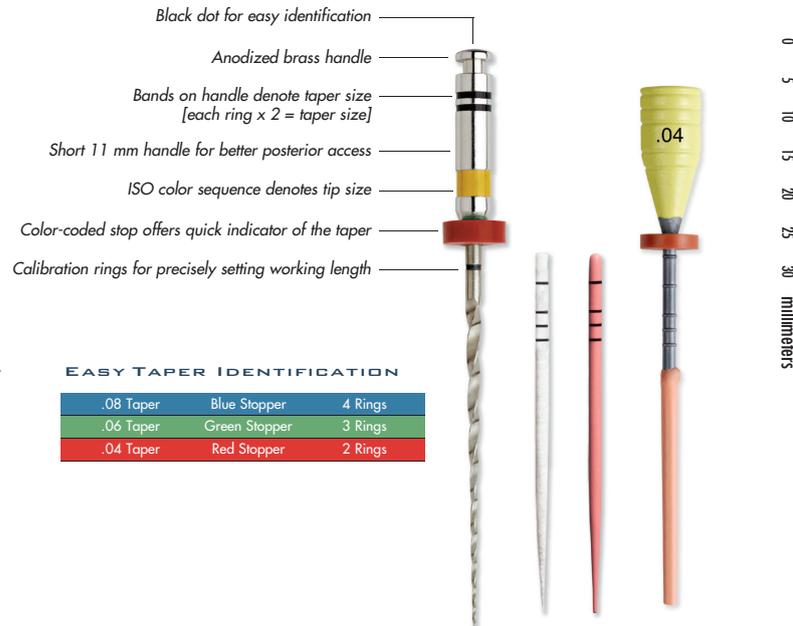
CUTTING INITIAL SHAPE

- Always start shaping with a 20/.06 GT Series X file regardless of canal size. With light apical pressure, it should cut to length in one to three passes. Clean debris after each withdrawal and examine the blades between usages. In tortuous canals, it may be necessary to use the 20/.04 GT Series X file, or even a #20 NiTi K-File cut to length.
- Closely examine the tip flutes of the first GT Series X file that cuts to length. If the last flute space is full of debris, the terminal diameter is .20 mm, and the terminal sizing is complete.
- If the first file taken to length does not contain any debris in the last flute space, the terminal diameter of the canal is larger than the tip of the 20 series, requiring final preparation with a GT Series X 30 or 40 tip file.

Note: Shaping root canals with GT Series X rotary files generally requires one to three files to cut the initial shape and, after gauging, one additional file to adjust the shape, if necessary. The robust line of files allows for shaping options up to an open apex case, which requires the use of ProRoot® MTA root repair material.

GT Series X rotary files are available in .04, .06 and .08 mm tapers, with tip diameters of .20, .30 and .40 mm.

For canals with immature apices or large apical diameters, a .12 mm taper ProSystem GT Accessory Series with .50, .70 and .90 tip diameters is available.



EASY TAPER IDENTIFICATION

.08 Taper	Blue Stopper	4 Rings
.06 Taper	Green Stopper	3 Rings
.04 Taper	Red Stopper	2 Rings



DEBRIS GAUGING

CUTTING FINAL SHAPE

Final shaping for small roots.

An .06 taper is ideal for all small roots. If the first GT Series X file that cuts to length shows debris in the tip-most flute, a 20/.06 GT Series X file will finish the shape in a small canal. If the 20/.06 GT Series X file cuts to length and exhibits no debris in its tip flutes, use a 30/.06 file to cut to length. In the unlikely event a 30/.06 cuts to length with no debris in the tip flutes, use a 40/.06 to cut to length. In tortuous canals, it may be necessary to use a .04 taper size of a 30 or 40 GT Series X file to allow the 30/.06 or 40/.06 to cut to length.

Final shaping for large roots.

An .08 taper is ideal for all large roots. After using the 20/.06 GT Series X file to cut to length, use a 30/.08 file to cut to length. If the debris fills the flute space at the file tip, shaping is complete. If not, use a 40/.08 to cut to length.

DISINFECT CANAL

- After shaping is completed, the smear layer on the canal walls must be removed with either 17% aqueous EDTA solution or BioPure® MTAD® cleanser.
- Thoroughly dry the canal.

STERILIZATION FOR FILES

- Files are non-sterile products.
- Autoclave before use — 136°C for 20 minutes.
- GT Series X rotary files are single patient use devices.

*Shaping Not Complete**Shaping Complete*

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GT Series X files, GT obturators and GT Fiber Posts made in U.S.A. under patent numbers: 4,443,193; 4,536,159; 4,611,508; 5,897,316; 5,921,775; 5,842,861; 5,655,950; 5,762,541; 5,628,674; 5,527,205; 5,941,760; 5,464,362; 6,106,296; 5,836,764; 4,758,156; 4,894,011; 5,089,183; 5,098,298; 5,118,297; 5,149,268; 5,833,457; 5,088,927; 4,939,934.

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Rx only



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See Directions For Use

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