

# NaviFlex NT<sup>®</sup>

Normal Taper

.08

.06

.04

## NaviFlex NT<sup>®</sup> Rotary Nickel Titanium Canal Shapers

The Naviflex NT<sup>®</sup> Nickel Titanium Endodontic System is designed for use in a crown down technique. The instruments provide greater flexibility and extra strength to efficiently and quickly prepare the canal body for greater access and improved obturation. Rotary instrumentation of the root canals in endodontic therapy saves chair time, and leaves smoother canal walls shaped for superior obturation. The Naviflex NT<sup>®</sup> System achieves this by integrating the following features:

- Innovative rake angle design reduces self-threading and increases sharpness.
- Safe, self-centering tip minimizes ledging and transportation.
- Special 18mm length in .08 and .06 taper improve access for initial flaring in coronal portion of the canal.
- ISO color coded and imprinted files size and taper for easy identification.
- Made of Nickel Titanium, the Naviflex files are strong and flexible.

### Technique:

Use in a slow speed, gear-reduced hand piece at a speed range of 150 to 300 rpms. Using a crown down technique, first gain access and enlarge the coronal portion of the canal, the middle root and the apical third, as follows:

- **Lubricate each Naviflex NT rotary instrument**
- **Coronal Shaping:**
  1. Naviflex NT .08 size 60 Blue (In larger canals, the file may advance to near mid-root before incurring resistance. In smaller canals resistance may be encountered sooner.)
  2. Naviflex NT .08 size 45 Silver  
(Further flare the coronal area 2-5mm)
  3. Naviflex NT .06 size 35 Green (Take files an additional 1-3mm)
  4. Naviflex NT .06 size 25 Red
  5. Irrigate and lubricate
  6. Check patency with #10 hand file
  7. Determine preliminary working length

### Recommendations:

Always clean and examine files upon removal from the canal. Use extremely light pressure and always move Naviflex files in and up an down smooth motion for approximately 4 seconds or when resistance is felt. Never push apically to achieve length. In comparison to other instruments, Naviflex NT files have a cutting flute design that follows canal curvature with minimal torque and minimal apical pressure.



• Files shown are part of a complete kit #308-00-807

### Mid-root and Apical Preparation

1. Using extremely light pressure, proceed incrementally to working length.
2. Naviflex NT .04 size 45 Silver (Check for patency)
3. Naviflex NT .04 size 40 Black (Check for patency)
4. Naviflex NT .04 size 35 Green (Check for patency)
5. Naviflex NT .04 size 30 Blue (Check for patency)
6. Naviflex NT .04 size 25 Red  
(Complete 2-5 passes as needed, then proceed)
7. Naviflex NT .04 size 20 Gold
8. Naviflex NT .04 size 15 Silver  
(After reaching working length, enlarge apical area as needed)

### Order Number

27088321NC	NiTi Kfiles .08 #45 18mm	27028521NC	NiTi Kfiles .04 #55 21mm
27088721NC	NiTi Kfiles .08 #60 18mm	27077721NC	NiTi Kfiles .04 #15 25mm
27037921NC	NiTi Kfiles .06 #25 18mm	27077821NC	NiTi Kfiles .04 #20 25mm
27038121NC	NiTi Kfiles .06 #35 18mm	27077921NC	NiTi Kfiles .04 #25 25mm
27027721NC	NiTi Kfiles .04 #15 21mm	27078021NC	NiTi Kfiles .04 #30 25mm
27027821NC	NiTi Kfiles .04 #20 21mm	27078121NC	NiTi Kfiles .04 #35 25mm
27027921NC	NiTi Kfiles .04 #25 21mm	27078221NC	NiTi Kfiles .04 #40 25mm
27028021NC	NiTi Kfiles .04 #30 21mm	27078321NC	NiTi Kfiles .04 #45 25mm
27028121NC	NiTi Kfiles .04 #35 21mm	27078421NC	NiTi Kfiles .04 #50 25mm
27028221NC	NiTi Kfiles .04 #40 21mm	27078521NC	NiTi Kfiles .04 #55 25mm
27028321NC	NiTi Kfiles .04 #45 21mm	27028621NC	NiTi Kfiles .04 #15-40 21mm
27028421NC	NiTi Kfiles .04 #50 21mm	27078621NC	NiTi Kfiles .04 #15-40 25mm

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