

# TIA PREMIUM

## BLUE FILE

Flexible

Efficiency

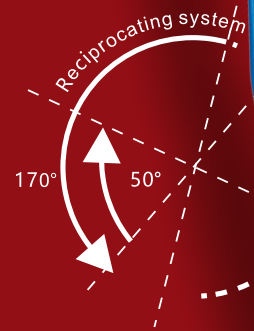
Easy

Safe

S-shaped cross-section

Heat - treated NiTi material

Non-cutting tip



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Size	Taper	Length	Speed	Cross Section	Packing
<span style="color: yellow;">●</span> T20	05	21,25,31mm	250-350rpm		4pcs/box
<span style="color: red;">●</span> T25	08	21,25,31mm	250-350rpm		4pcs/box
<span style="color: grey;">●</span> T40	06	21,25,31mm	250-350rpm		4pcs/box
<span style="color: yellow;">●</span> T50	05	21,25,31mm	250-350rpm		4pcs/box

### PRODUCT DESCRIPTION

Tia Premium Blue Files files are produced with Nickel-Titanium (NiTi) that goes through an innovative heat treatment, modifying its molecular structure to give it increased resistance to cyclic fatigue and additional flexibility as well as its characteristic blue color. In addition, there is the option of precurving the instrument, to obtain an easier access to the canals, when needed.

### PRODUCT INFORMATION

**Easy** Premium Blue instruments are designed for one file shaping. Thus, a root canal can be completely prepared with only one reciprocating instrument – without creating a glide path in the majority of cases. Root canal preparation with Premium Blue is easy to learn and easy to teach – with less likelihood of procedural errors compared to rotary NiTi systems. The selection of the file is easy. Choose the member of the Reciproc family that suits your case best.

**Safe** The original reciprocating motion with its specific angles of rotation as well as its controlled acceleration and deceleration lead to higher resistance to cyclic fatigue and a reduced risk of instrument fracture. Provided in sterile blisters for single use, Premium Blue instruments offer a reduced risk of cross contamination. An overuse of files is prevented thanks to the single use instrument approach.

**Efficient** The s-shaped cross-section progresses smoothly and cuts efficiently thanks to its special design. The instrument moves without pushing, so that stress on dentin is minimized. The root canal preparation time is reduced. Less time for shaping means more time for disinfection and more patients treated. Files are made to be used for a single treatment only for constant cutting efficiency.

**Flexible** The instrument progresses smoothly into the canal thanks to the heat treated NiTi alloy. It is possible to prebend the instrument for an easier access to the canal. The instrument follows the natural canal anatomy smoothly thanks to its blue heat treatment making the file more flexible. The flexibility obtained by the blue heat treatment improves the centering abilities of the instrument to reduce canal transportation.

### PROTOCOL FOR USE

- 1-Prepare straight – line access to canal orifice.
  - 2-Use K-files (#10, #15) to detect the root canal.
  - 3-Use K (#15) or Tia Pathglider.
  - 4-Use (T25) until working length has been reached. If resistance is encountered, do not apply pressure. Remove the instrument from the canal (clean the file copious irrigation and recapitulation), then try again until reaching the full working length, or use (T20) for (one or two ml).
  - 5-Use (T40) for medium canal respectively.
  - 6-Use (T50) for large canal respectively.
  - 7-Small for (T20) to negotiating the severely curved and narrow canals in order to establish clear and leaner canals.
  - 8-In case of re-treatment, remove the bulk of gutta percha from the coronal third of the canal. Then start to use (T25) to remove the gutta percha from middle and apical third.
- \*During protocol of use, irrigate, recapitulate after each file.



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