

TIA TORNADO GOLD FILE

TAPERED DESIGN

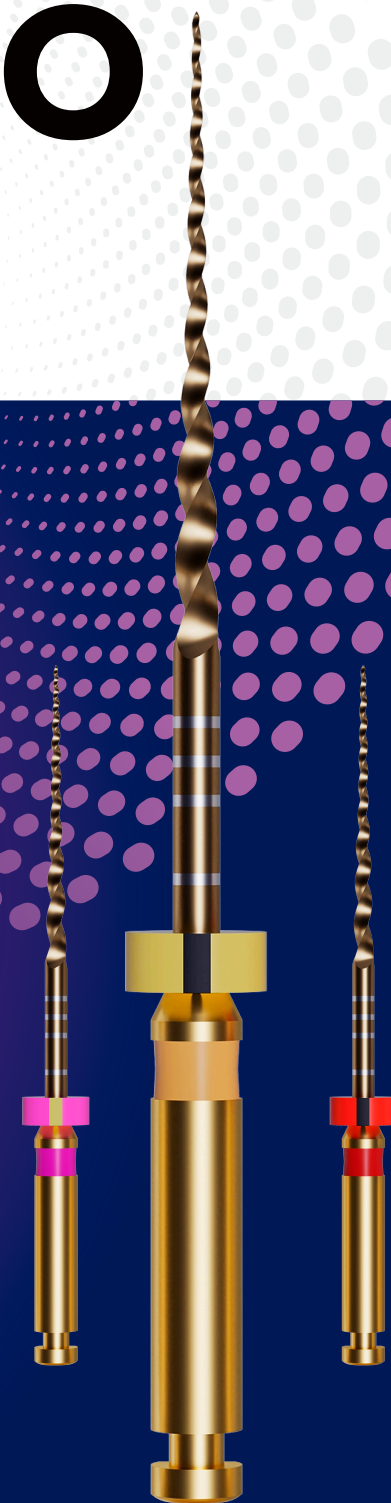
Progressively tapered design serves to significantly improve cutting efficiency and safety.

CROSS-SECTION

The convex triangular cross-section enhances cutting action while decreasing rotational friction between the blade of the file and dentin

SHOCKED TOUGHNESS

200%~500% Fracture Resistance improved.



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Size	Taper	Length	Torque	Speed	Cross Section	Packing
● TSX	05	19mm	5.0N/cm	300rpm	▲	6pcs/box
● TS1	03	21,25,31mm	5.0N/cm	300rpm	▲	6pcs/box
● TS2	04	21,25,31mm	1.5N/cm	300rpm	▲	6pcs/box
● TF1	07	21,25,31mm	1.5N/cm	300rpm	▲	6pcs/box
● TF2	08	21,25,31mm	3.0N/cm	300rpm	▲	6pcs/box
● TF3	09	21,25,31mm	3.0N/cm	300rpm	▲	6pcs/box
● TF4	06	21,25,31mm	3.0N/cm	300rpm	▲	6pcs/box
● TF5	05	21,25,31mm	3.0N/cm	300rpm	▲	6pcs/box

ADVANTAGES IN OPERATING

TSX is similar to Gates drills, which makes the formation of root canal orifice; TS1 prepares the 1/3 part of the middle root canal; TS2 prepares the 1/3 part of middle-bottom root canal. TF1, TF2 & TF3 prepare and complete the root zone.

- A: Even, smooth and continuous rotation speed.
- B: Good flexibility of the file needle, not easy to damage the root hole and edge wear.
- C: Each file needle is equipped with a certain amount of torque, when reaching the maximum torque, it will move reversely or stop automatically to reduce metal fatigue and fracture.
- D: Strong and lasting shaping force, shaping the canal wall more clean and safer with rotation motion.

PROTOCOL FOR USE

- 1-Prepare straight – line access to canal orifice.
 - 2-Use K-files (#10, #15) to detect the root canal.
 - 3-Use (TSX) to enlarge upper part of the canal.
 - 4-Use K (#15) or Tia Pathglider.
 - 5-Use (TS1) to full working length (brushing motion).
 - 6- Use (TS2) to full working length (brushing motion).
 - 7-Use (TF1, TF2 & TF3) for finishing (follow and brush motion).
- *During protocol of use, irrigate, recapitulate after each file.



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