

Smart Opener

File Names	Tip Size	Tapper	Size Color Ring	Stopper Color	Active Part Length	File's Length	Torque N/cm	Speed (rpm)	File Tip
Smart Opener	0.23	0.08 (Except the coronal 2mm, which will have no taper)	No Color Ring	Same as handle color	14mm	17mm	3-3.5	400-500	Non-Cutting Tip

unique taper design (A Constant Taper except the most coronal 2mm; with a maximum file diameter of 1.19mm) preserves the cervical dentine thickness as excellent practice of minimal invasive endodontics.

- The unique tip's size (0.23mm) minimizes the risk of ledging or perforation of root canals compared to other orifice openers in the market.
- The GOLD Heat Treat-

A sterile NiTi instrument with gold heat treatment that rotates continuously at the beginning of treatment to eliminate the coronal constraints in order to reduce stresses on the glide-path and shaping files, hence decreasing the risk of instruments fracture significantly. What makes the Smart Opener the ideal orifice opener in daily endodontic practice are:

- While the Smart Opener has excellent cutting efficiency, the

ment of the metallic alloy as well as the electrochemical polishing of the file's surface, significantly increase its cyclic fatigue and resistance to fracture.

The Smart Opener is recommended for preflaring the orifice and the coronal third of root canals as well as adequately removing triangles of dentine.

