

Smart Retreatment System

File Names	Tip Size	Tapper	Size Color Ring	Stopper Color	Active Part Length	File's Length	Torque N/cm	Speed (rpm)	File Tip
Smart R1	0.40	0.06	Two Black Ring	Black	12mm	17mm	3.5	450-500	Active Cutting Tip
Smart R2	0.30	0.05	Two Blue Ring	Black	15mm	19mm			

- Removing old root canal fillings can be a risky task during non-surgical retreatment. The Smart Retreatment files R1 and R2 are specially designed to easily remove the root canal filling materials (gutta percha, carrier-based filling and paste filler).
- The Smart R1 has a cutting tip size 0.40 which facilitate the initial penetration of the filling material from the coronal part without the need for solvents, hence protect patients from their toxicity.
- With an 06 taper and a 12mm active length, the Smart R1 has a maximum diameter of 1.12 which preserves

the cervical dentine

- The Smart R2 has a 15mm active length, a size 30 cutting tip and an 05 taper which enables a minimal invasive retreatment procedures as the maximum file diameter is 1.05mm.
- The Smart R2 file is used to remove the old filling material in the middle and part of the apical portion of root canals, as it is strongly recommended to remove the apical 1-2mm of the old filling material using manual small hand files.
- Each pack has four sterile instruments (two of R1 and two of R2)

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