

Smart Carver Files

File Names	Tip Size	Tapper	Size Color Ring	Stopper Color	Active Part Length	File's Length	Torque N/cm	Speed (rpm)	File Tip
Smart Carver	0.18	0.03	Wide White Ring	White	16mm	21, 25, 31	1.5 - 1.8	400-450	Non-Cutting Tip
Smart Carver	0.22	0.04	Wide Yellow Ring	Yellow			2-2.25		
Smart Carver	0.27	0.04	Wide Red Ring	Red					
Smart Carver	0.30	0.04	Wide Blue Ring	Blue			2.5		
Smart Carver	0.35	0.04	Wide Green Ring	Green			3		
Smart Carver	0.40	0.04	Wide Black Ring	Black			3.5		
Smart Carver	0.45	0.04	Wide White Ring	White					
Smart Carver	0.50	0.04	Wide Yellow Ring	Yellow					

- NiTi sterile files that are designed for shaping root canals in all cases including those with severe curvatures
- The non-cutting tip enhances better following the original path of root canals which minimizes ledges formation or canals transportations.
- The unique tips sizes (0.18, 0.22, and 0.27mm) allows

more predictable shaping and better cleansing of severely curved canals, with the option of finishing shaping at 0.22 or 0.27 according to the difficulty of the case.

- The special GOLD Heat Treatment, thanks to the M-WIRE NiTi material, and the electrochemical polishing of the instruments' surface, significantly increase resistance to both fatigue and fracture especially in severely curved canals.
- The triangular cross-section along with the slightly positive rake angle allow controlled cutting efficiency but significantly enhance files flexibility.
- The Smart Carver files are available (as assorted Kit or Re-fill Kits) in three different lengths (21, 25 and 31mm) and different tip sizes (up to ISO size 50) to meet clinicians needs and preferences according to each case.

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