

RootFlex™

Precision You Can Trust –
One File, Endless Efficiency

RootFlex™ is a single-file shaping system that can be used in continuous rotary or reciprocating motors. It uses a proprietary heat treatment process for achieving cyclic fatigue and torsional resistance while maintaining sharpness. The result is a NiTi file that cuts like stainless steel.

Preserves Tooth Structure

Flexible design adapts to canal anatomy, minimizing unnecessary dentin removal.

Durable

Offers resistance to cyclic fatigue for safer, more predictable performance compared to other single-file systems.

Dual Motion Compatibility

Works seamlessly in both reciprocation and continuous rotation motors for maximum versatility.

Optimized Cutting Efficiency

Unique helical design delivers strong cutting performance while maintaining control.

Conservative Taper Technology

No longer is flaring, brushing or straight line access needed.

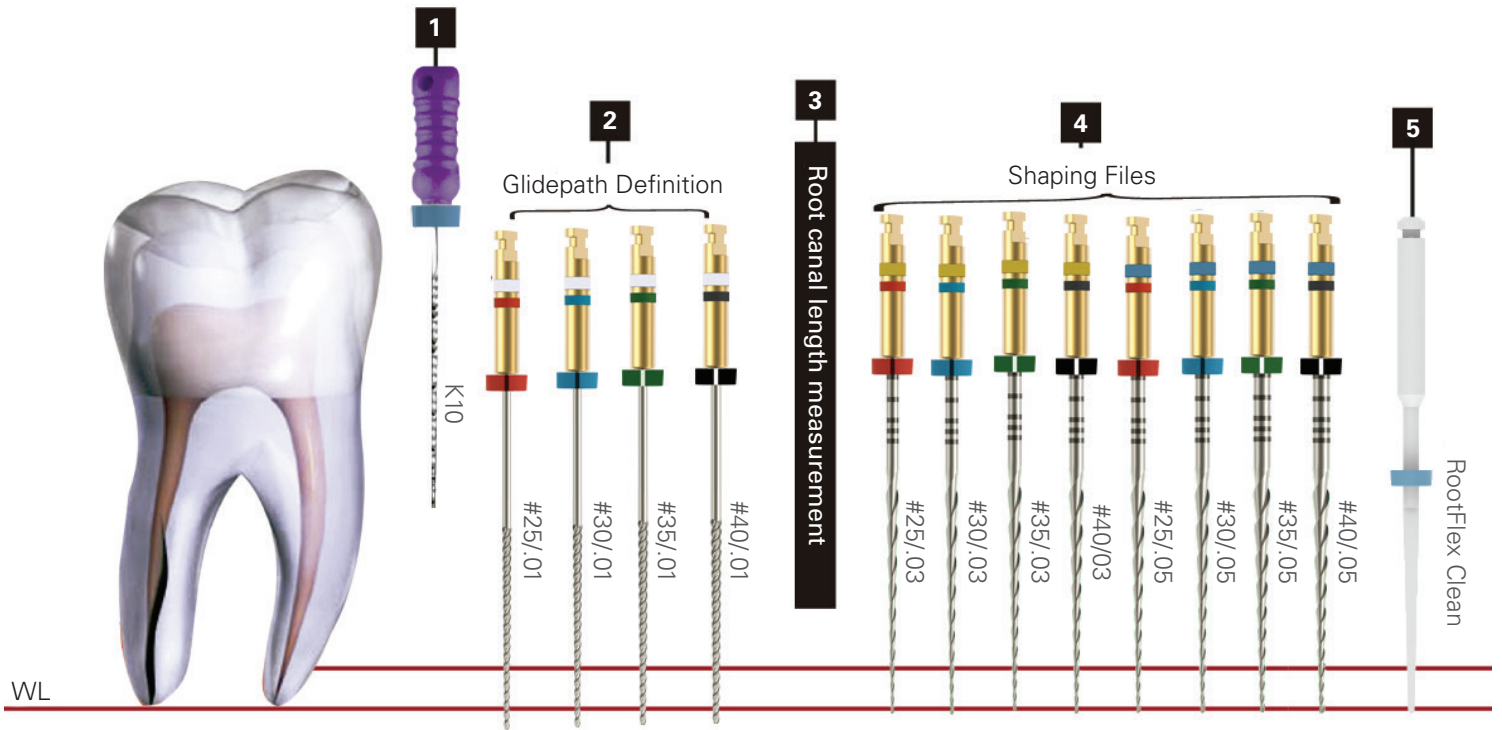


Protocols

From standard shaping procedures to more difficult patency, RootFlex™ offers a file system protocol to help you achieve effective results.

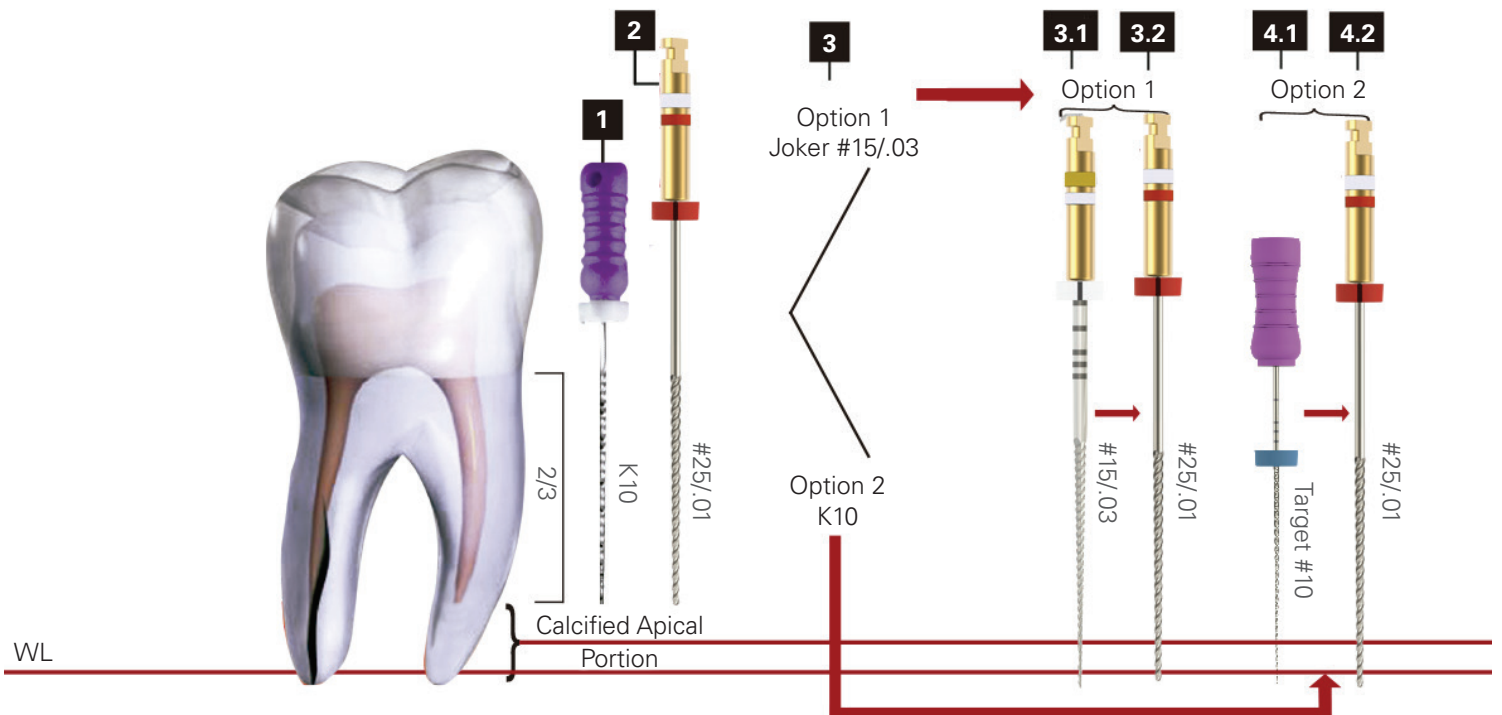
Standard Single Shaping

This is the recommended technique for working with RootFlex™. The preparation is conservative, fast and yet familiar.



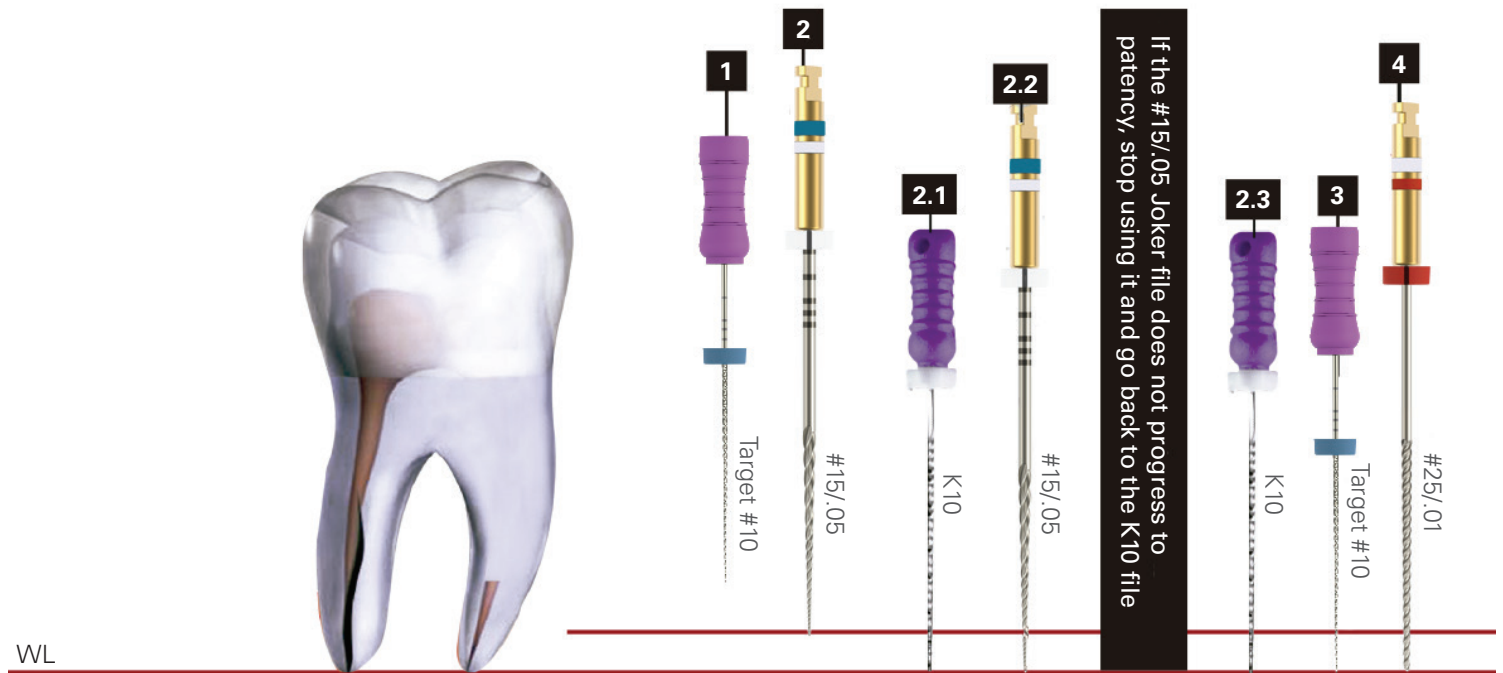
Difficult Patency

This is the recommended technique for working with RootFlex™. The preparation is conservative, fast and yet familiar.



Calcified Canal

This is the recommended technique for working with RootFlex™. The preparation is conservative, fast and yet familiar.

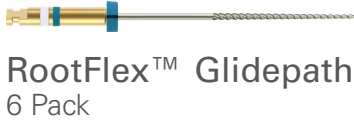


Retreatment

This is the recommended technique for working with RootFlex™. The preparation is conservative, fast and yet familiar.



Specifications



.01 Taper	
File Size	
	25/.01
	30/.01
	35/.01
	40/.01
	45/.01
	50/.01

Quarduple Helix Cross Section
350 RPM
Torque: 1 Ncm



.03 Taper		.05 Taper	
File Size		File Size	
	15/.03		15/.05

Square Cross Section
350-600 RPM
Torque: 2 Ncm

Square Cross Section
600-950 RPM
Torque: 2 Ncm



.10 Taper		.08 Taper		.06 Taper	
File Size		File Size		File Size	
	30/.10		25/.08		20/.06

Double Helix Cross Section
600-900 RPM
Torque: 4 Ncm

Triple Helix Cross Section
600-900 RPM
Torque: 4 Ncm

Triple Helix Cross Section
350 RPM
Torque: 1.5 Ncm



.03 Taper		.04 Taper		.05 Taper		.06 Taper	
File Size		File Size		File Size		File Size	
	20/.03		25/.04		20/.05		25/.06
	25/.03				25/.05		
	30/.03				30/.05		
	35/.03				35/.05		
	40/.03				40/.05		

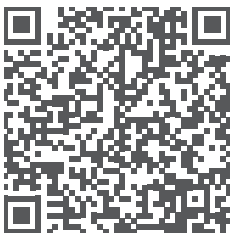
Double Helix Cross Section
350-600 RPM
Torque: 2 Ncm

Triple Helix Cross Section
600-950 RPM
Torque: 2 Ncm

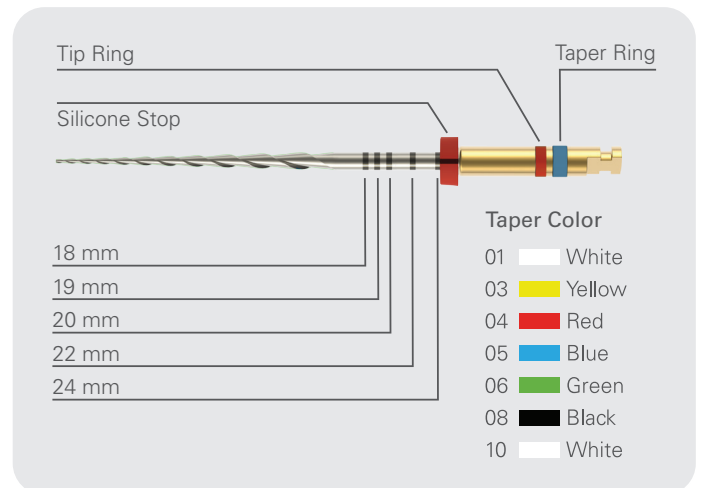
Double Helix Cross Section
600-950 RPM
Torque: 4 Ncm

Double Helix Cross Section
600-950 RPM
Torque: 4 Ncm

Ordering Information



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RootFlex files are available in 21mm, 25mm, & 31mm.