



S2 FILE

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The S2 File System was developed following the most current concepts in endodontics, focusing on dental structure preservation.

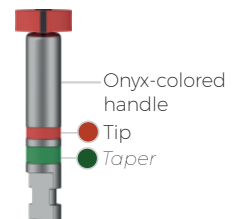
Designed to meet the demands of a minimally invasive endodontic procedure, it consists of three distinct sequences aimed at preserving as much dentin as possible. The difference between the sequences lies in the instrument calibers, which should be chosen by the dentist according to the case's complexity (simple, moderate, or complex cases).

Product Information

INSTRUMENT IDENTIFICATION

S2 files feature an onyx-colored handle with two colored bands, indicating the tip diameter and taper of the file, following international ISO standards.

- The colored band closest to the blade represents the instrument's tip diameter:
White (15), Yellow (20), Red (25), and Green (35).
- The colored band farther from the blade represents the taper:
White (.10), Yellow (.03), Red (.04), Blue (.05), and Green (.06).



PRESENTATION

The S2 System is available in three kits with different sequences, each intended for specific tooth groups and canal anatomies:

Yellow Kit: Includes files **15/10, 15/03, and 20/04**, designed for curved and narrow canals.

Red Kit: Contains files **15/10, 15/03, and 25/06**, ideal for most medium-sized canals.

Green Kit: Comprises files **15/10, 15/05, and 35/04**, suitable for wide and less curved canals.

The files are available in sizes of 21mm, 25mm, and 31mm and are packaged in blisters containing either 3 assorted units or individual units. Each kit is color-coded for easy identification and use.



Features and Benefits

REVOLUTIONARY DESIGN

The S2 files introduce a revolutionary design. Unlike any other files on the market, they feature an asymmetrical double-helix cross-section (blades of different sizes) in shaping instruments.

Due to this unique design, the files offer superior performance in canal cleaning, as the non-cutting edge enhances debris removal while keeping the canal walls thoroughly clean

HEAT TREATMENT

The S2 files incorporate Easy Bassi's cutting-edge heat treatment, significantly improving their mechanical properties compared to competitors.

This advanced heat treatment results in:

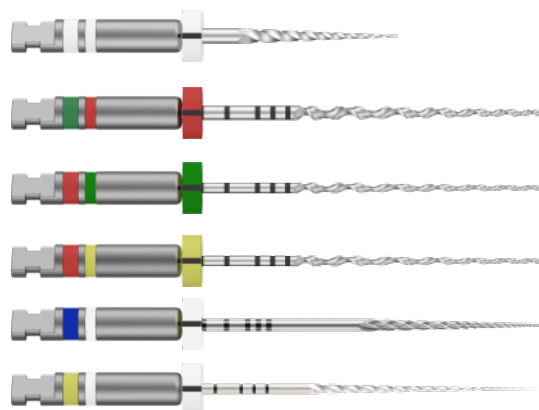
- Superior cutting efficiency over competitors.
- High flexibility for better adaptation to the canal anatomy.
- Higher transformation temperatures between the martensitic and austenitic phases of the file.

SAFETY, CLEANING, AND EFFICIENCY

The system provides three sequence kits tailored for different anatomies, effectively covering approximately 95% of molar and premolar cases with safety and efficiency.

The innovative instrument design offers a clear advantage over competitors, particularly in canal cleanliness and debris evacuation. By optimizing debris flow, the likelihood of file blockage and screwing-in effects is significantly reduced.

Additionally, the special heat treatment enhances user safety, ensuring the file maintains its desired flexibility throughout use.

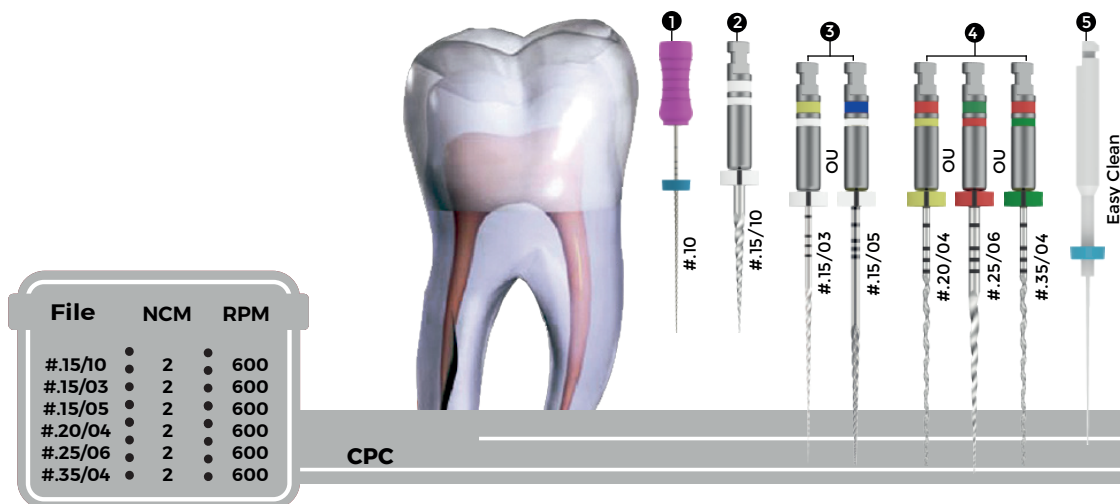


LEARNING CURVE

The S2 system has a fast and simple learning curve, as it requires only three instruments, designed for three distinct tooth groups (easy, regular, and complex). Depending on the treated anatomy, the appropriate kit is selected.

Since the system consists of pre-configured sequences, both learning and teaching its use are quick and straightforward, making its application extremely intuitive.

Protocol



1. Target File #.10: Exploration of the cervical-middle third (canal direction).
2. Pre-Enlargement File #.15/10: Insert into the initial two-thirds or up to the curvature.
3. Glide Path File #.15/03 or #.15/05: Reach working length, confirming via odontometry.
4. Final Shaping File #.20/04, #.25/06, #.35/04: Gentle movement towards the apex until the working length is reached. If resistance is encountered, perform slight pre-enlargement with the same file.
5. Easy Clean File: Use in reciprocating (MRA) or rotary motion with final irrigation.

Note: Irrigate between each file change.



Clinical Case



Before Diagnosis



After Diagnosis

Dr. Guilherme Matheus
Dentist

Extra

IN LINE WITH THE FUTURE

The S2 files align perfectly with modern endodontic concepts promoted by the world's leading experts: Minimally Invasive Endodontics.

Some of the key features of the S2 instruments include:

- Maximum instrument diameter of only 1.0 mm.
- Single in/out movement shaping file.
- Reduced tapers and tip sizes.

All aspects were designed to preserve the patient's dental structure as much as possible, ensuring long-term treatment effectiveness.

It is crucial to remember that "minimally invasive" does not mean removing less dentin, using small tapers, maintaining narrow canals, or making minimal coronal openings. Instead, it means achieving optimal canal shaping and cleaning while preserving as much dental structure as possible.

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**Innovative Endodontic
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