

Backed by Clinical Experts

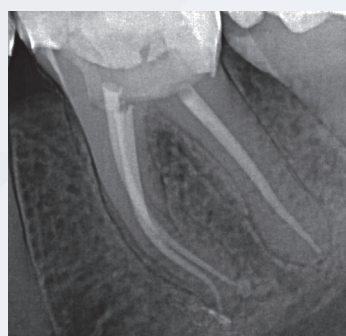
Excalibur PRO sets a new standard in reciprocating endodontics, trusted by clinical experts worldwide for its precision, efficiency, and reliability.



Prof. Shanon Patel

United Kingdom

Excalibur PRO is the go-to choice for anyone who prefers using a reciprocating system — simple and effective.



Dr. Arman Gazi

Belgium

Excalibur PRO offers precision, safety, and respect for dental anatomy, making endodontic procedures more predictable and efficient.

Excalibur PRO Product Range

Excalibur Glider PRO

ZGE21PRO2 21 mm (3 units / blister)
ZGE25PRO2 25 mm (3 units / blister)
ZGE31PRO2 31 mm (3 units / blister)

Excalibur PRO 21 mm

ZRE21PRO20 E20 (6 units / blister)
ZRE21PRO25 E25 (6 units / blister)
ZRE21PRO35 E35 (6 units / blister)
ZRE2104505 E45 (6 units / blister)
ZRE21PRO45 E20-E45 (4 units / blister)

Complete system with matching
Gutta Percha and Paper Points

Excalibur PRO 25 mm

ZRE25PRO20 E20 (6 units / blister)
ZRE25PRO25 E25 (6 units / blister)
ZRE25PRO35 E35 (6 units / blister)
ZRE25PRO45 E45 (6 units / blister)
ZRE25APRO1 E20-E45 (4 units / blister)

Matching accessories

- Gutta-percha
- Paper points (also available sterile)

Excalibur PRO 31 mm

ZRE31PRO20 E20 (6 units / blister)
ZRE31PRO25 E25 (6 units / blister)
ZRE31PRO35 E35 (6 units / blister)
ZRE31PRO45 E45 (6 units / blister)
ZRE31APRO1 E20-E45 (4 units / blister)

NEW

Excalibur PRO mini

- Perfect for delicate cases. For those intricate, narrow canals. Same precision and enhanced flexibility, for a more conservative shaping.
- Now available in 0.8 wire



ZARC

Excalibur PRO

REDEFINING PERFORMANCE WITH
NANOCOATING TECHNOLOGY



Powered by:



**Nanocoating
Technology**



Excalibur PRO

Maximum efficiency with a single-file system

An advanced reciprocating system engineered with **Nanocoating Technology** for **increased hardness** and **wear resistance**.

Combined with a high-precision tip and outstanding flexibility, it ensures faster procedures, optimized performance, and consistent clinical outcomes.



CONSERVATIVE SHAPING

Constant 5% taper reduces dentine removal while enabling precise, minimally invasive preparation.



HIGH TORSIONAL STRENGTH

Unique metallurgy enhances torsional resistance, improving safety and efficiency in curved canals.



CUTTING EFFICIENCY

Optimized, high-precision semi-active tip for faster, smoother canal progression.



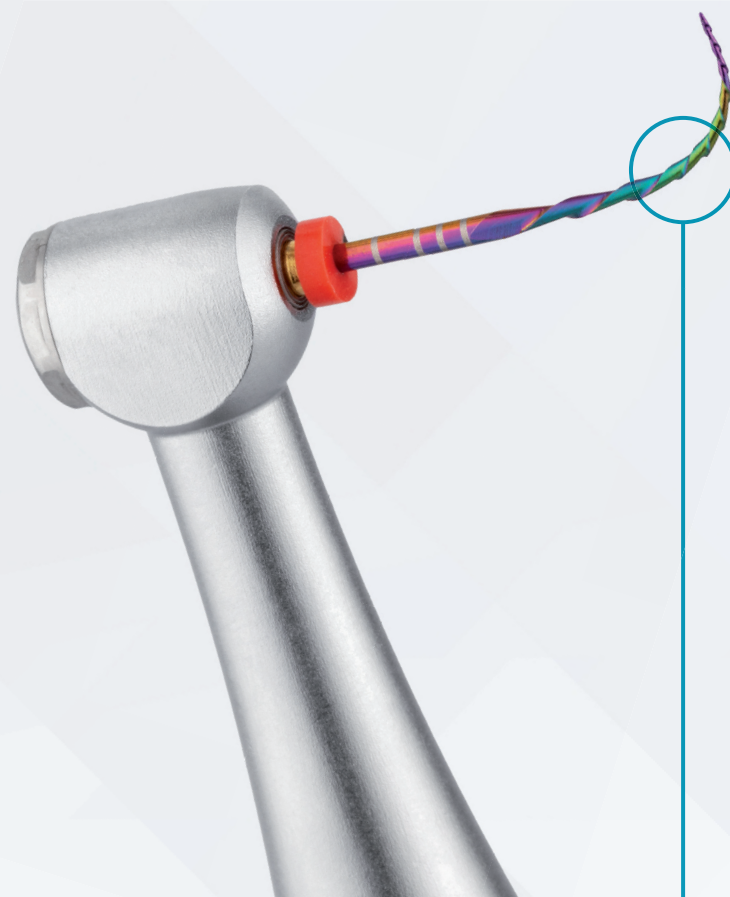
OUTSTANDING FLEXIBILITY

Enables navigation of complex, curved canals, reducing ledging and canal transportation.



CYCLIC FATIGUE RESISTANCE

Designed to withstand repeated flexion, minimizing fracture risk.



Advanced ion-based treatment that increases **hardness** and **wear resistance** without compromising the file's core flexibility.

Unmatched performance for every procedure

Effortless control powered by advanced reciprocation, delivering reliable and consistent results.

*Can also be used at 400 RPM, but optimal performance is achieved at 500 RPM.



Single-file reciprocating system



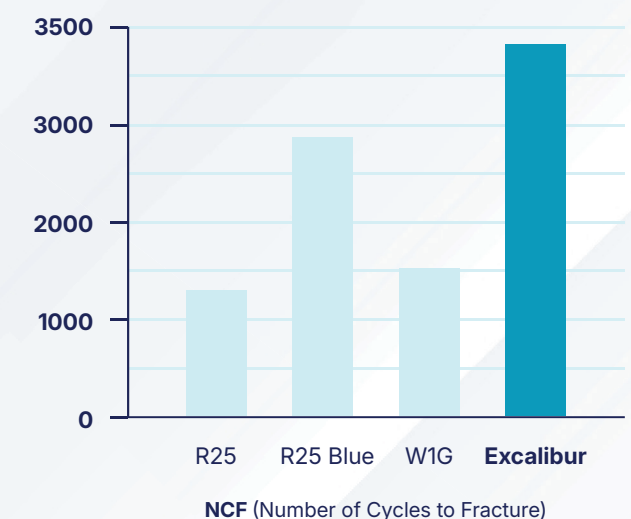
"S" Italic shaped Cross-Section



500 RPM*



Reciprocation kinematics (30° CW / 150° CCW)



Scientific Evidence

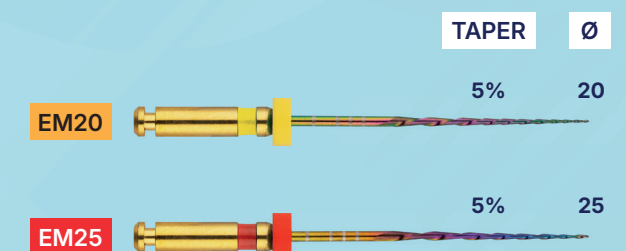
Scientific studies place **Excalibur PRO** as the most resistant file to cyclic fatigue on the market.

Its resistance is **32% higher** than any other tested system.¹

1.- José Aranguren, Felipe Oliveros-Porras, Ana Ramírez-Muñoz, Irene Pérez, Marcela Salamanca-Ramos, Karim Aazzouzi-Raiss & Alejandro R. Pérez (2024). Study: Comparative Analysis of NiTi Instruments with Different Alloy Treatment. Materials 2024, 17, 4817. <https://doi.org/10.3390/ma17194817>

NEW Excalibur PRO mini

Excalibur PRO is now available in 0.8 wire, delivering the same precision with enhanced flexibility for conservative shaping—**ideal for severely curved canals where control and adaptability are essential.**



Excalibur Glider PRO

It ensures safe, efficient glide path preparation, delivering **controlled progression** and **reliable performance** in challenging anatomies.

