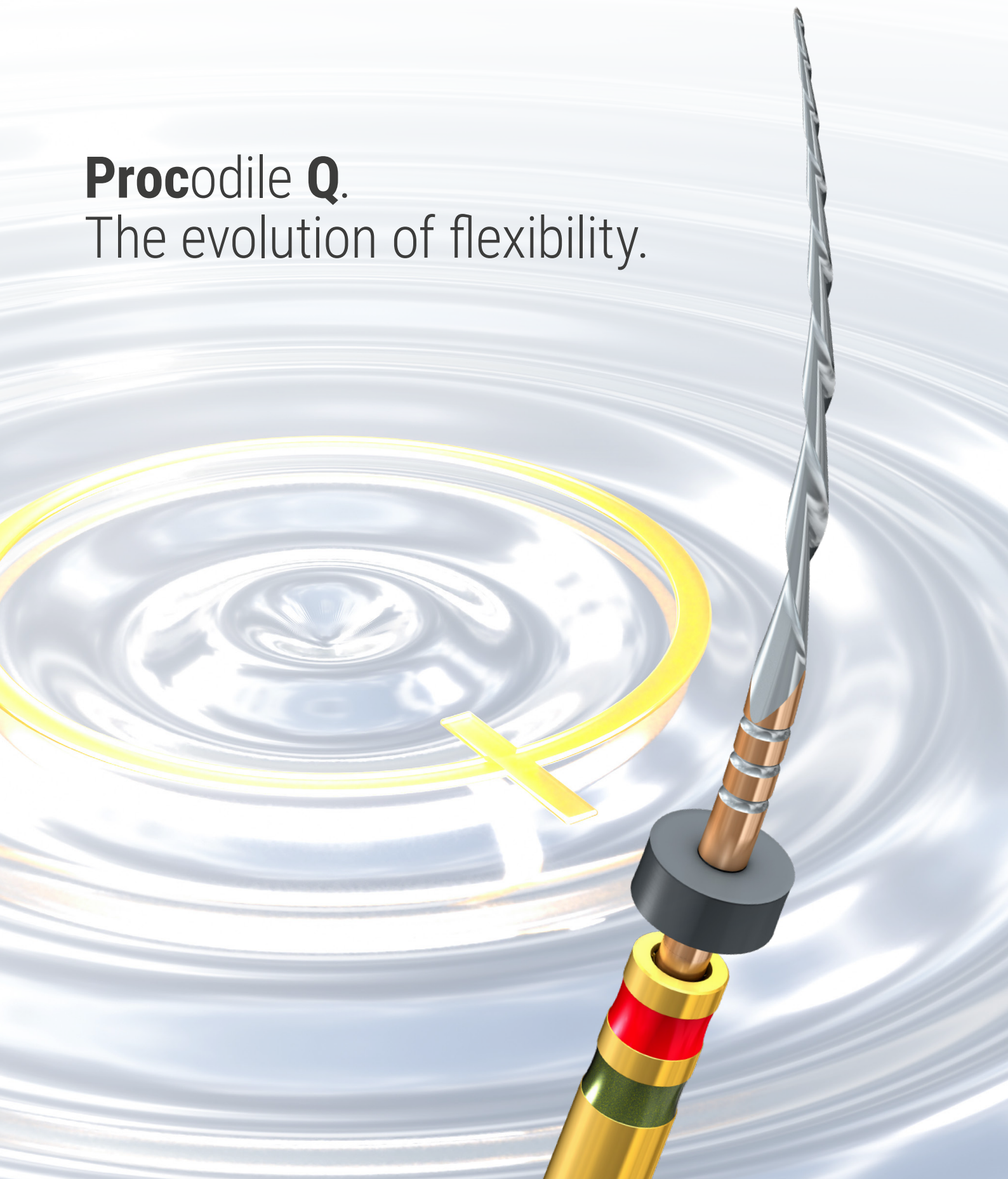




Procodile Q.
The evolution of flexibility.



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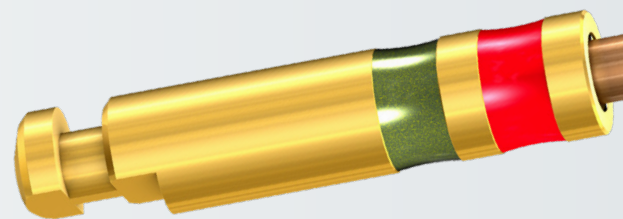
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As at February 2025





Procodile Q. Setting standards.

Variable core
for variable canals

Variably tapered file core
for optimum preparation
even of curved canals

Q stands for heat

Heat-treated for
outstanding prebendability
and excellent flexibility

Hungry and fast-cutting

Quick and efficient substance removal
thanks to a larger chip space
and double-S design

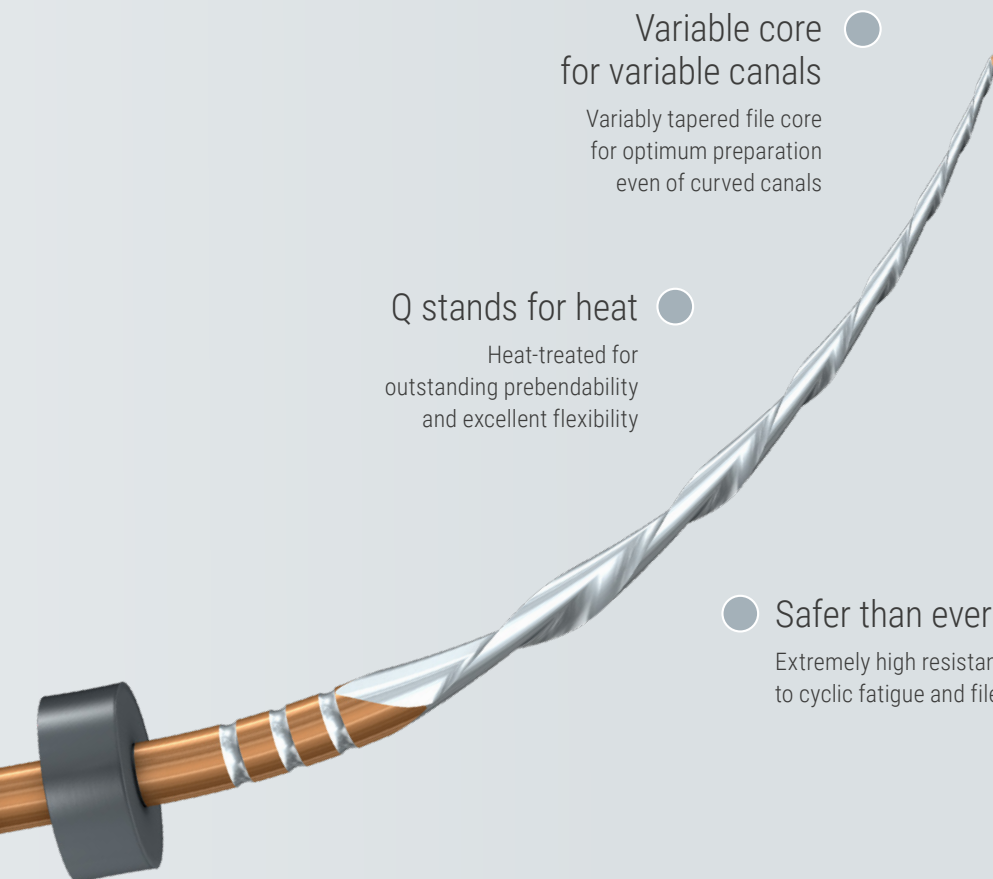


Safer than ever before

Extremely high resistance
to cyclic fatigue and file fracture

Procodile Q and you: A perfect match

Suitable for use in all established power systems,
perfect in combination with the patented ReFlex® motion





Core competence revisited – the flexible way

This evolution makes the endodontic world even safer and easier. Procodile Q is the first heat-treated reciprocating file with a variably tapered core. For unprecedented flexibility, combined with an incredibly effective performance.

New:
Q stands for heat

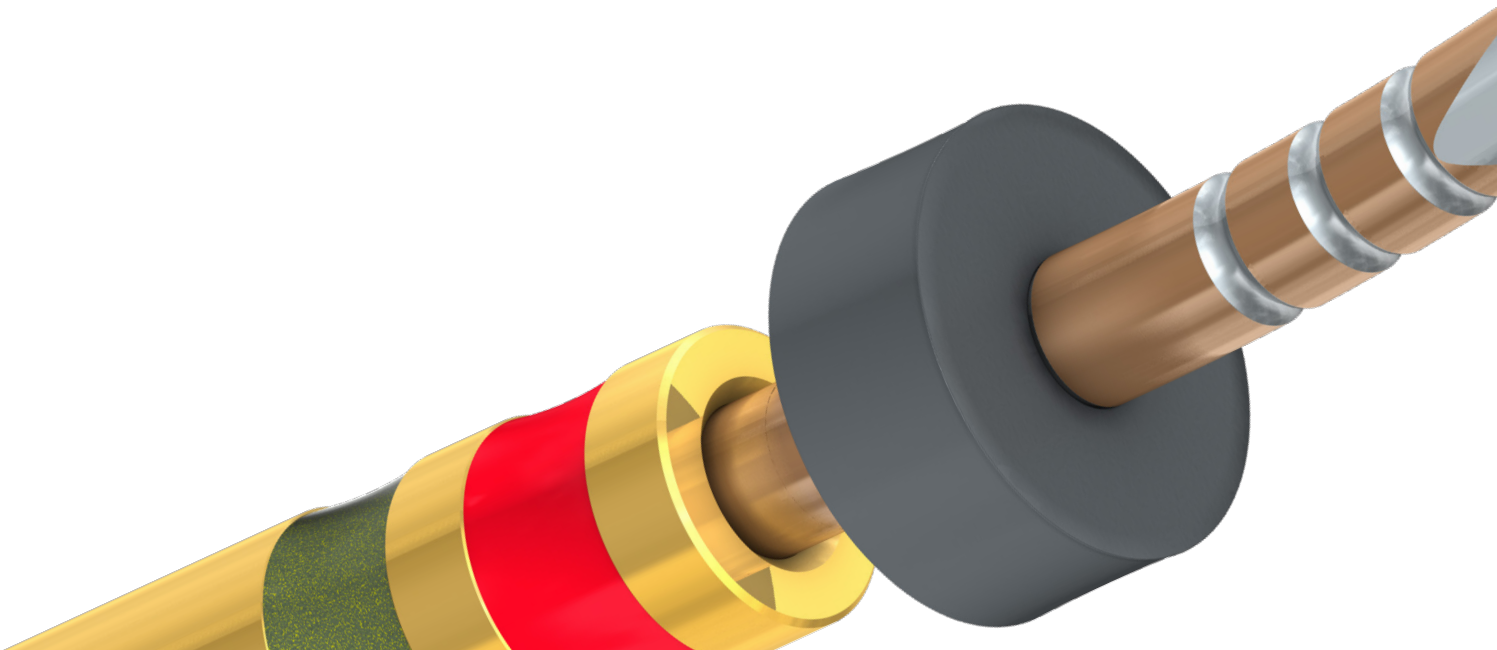
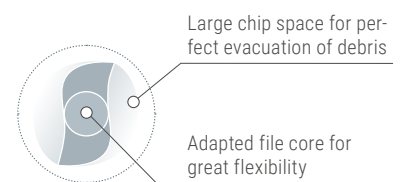
The new Procodile Q file is heat-treated so that it can contribute even more effectively to a successful endodontic treatment. The heat treatment makes the file easier to bend while increasing the flexibility and safety.

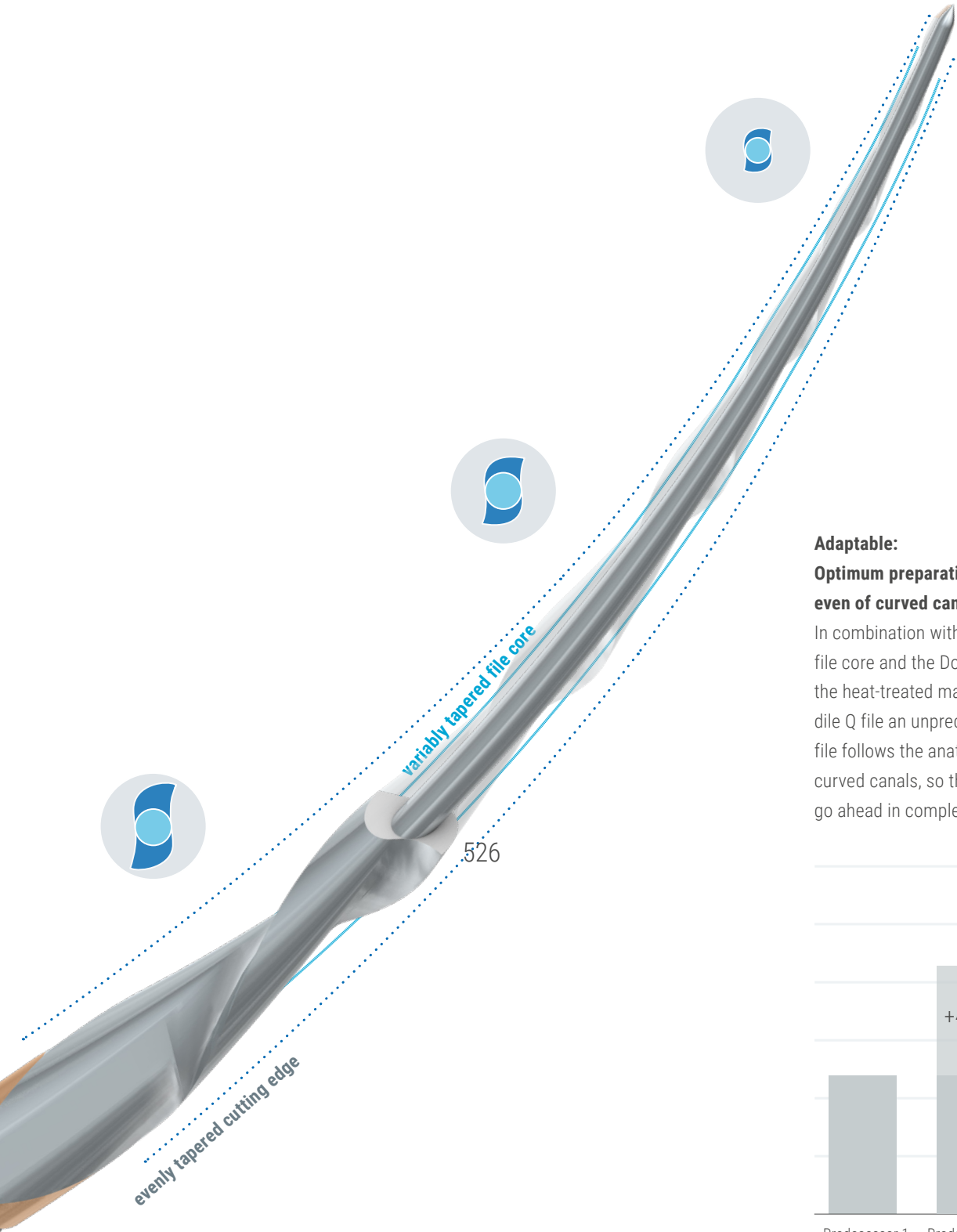
Unique:
The variably tapered file core

The preparation of the root canal using a file with a constant taper ensures a homogenous obturation. The Procodile Q file has a variably tapered file core. With this new feature, the diameter of the core decreases towards the shank, which makes the file even hungrier and more adaptable.

Hungry:
Fast and effective substance removal

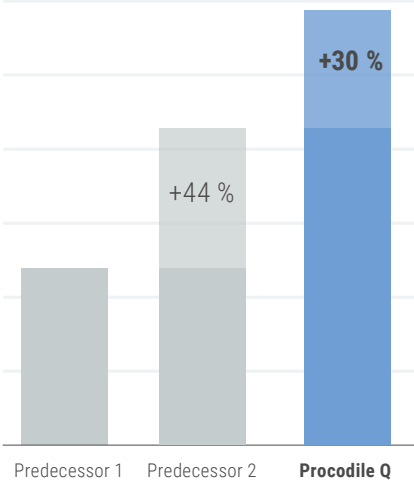
The variably tapered file core of the Procodile Q file increases its chip space. As a result, infected tissue is removed from the canal even more effectively in very little time.



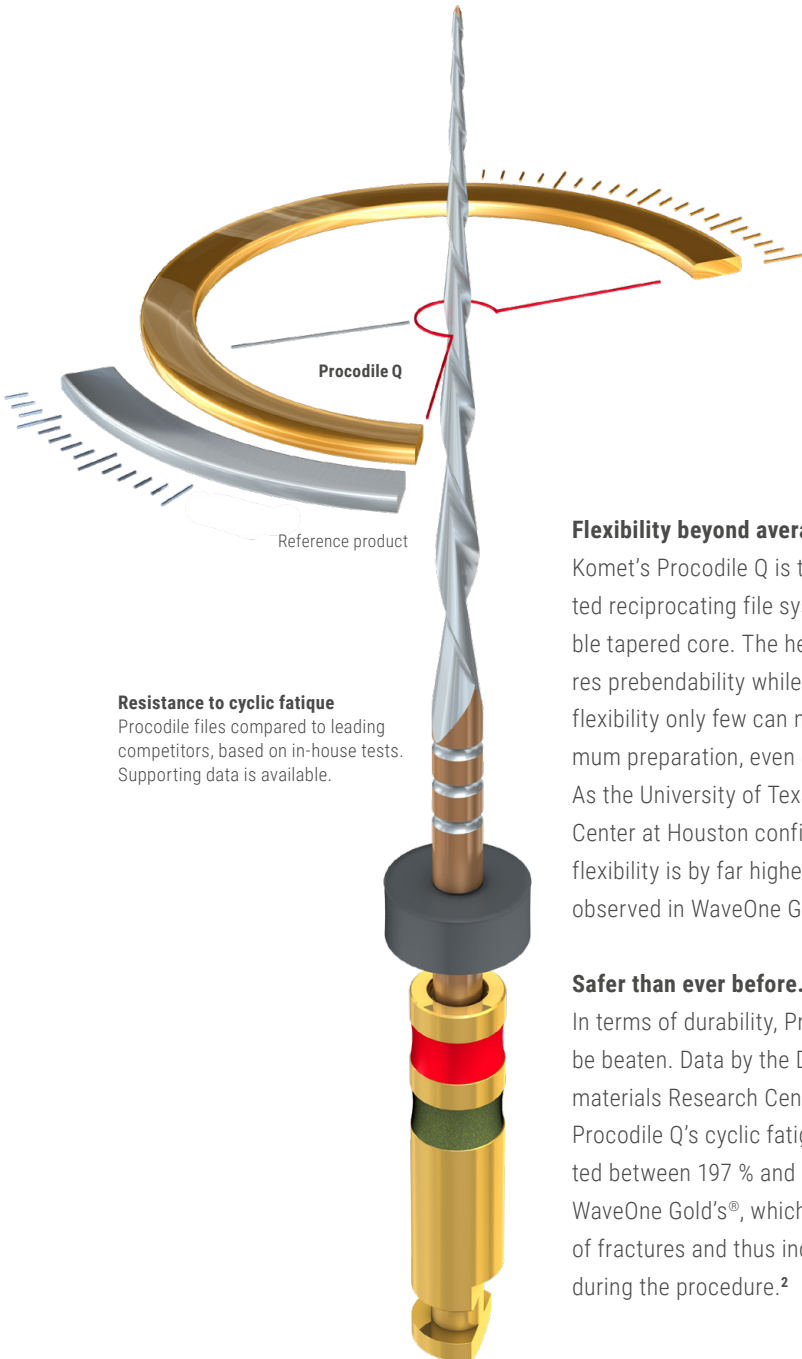


**Adaptable:
Optimum preparation
even of curved canals**

In combination with the variably tapered file core and the Double-S cross-section, the heat-treated material lends the Procodile Q file an unprecedented flexibility. The file follows the anatomic course even of curved canals, so that the preparation can go ahead in complete safety.



Evolution of flexibility
Procodile Q compared to preceding systems, based on in-house tests. Supporting data is available.



Resistance to cyclic fatigue
 Procodile files compared to leading competitors, based on in-house tests. Supporting data is available.

Flexibility beyond average.

Komet’s Procodile Q is the first heat-treated reciprocating file system with a variable tapered core. The heat-treatment ensures prebendability while also creating a flexibility only few can match – for optimum preparation, even of curved canals. As the University of Texas Health Science Center at Houston confirms: Procodile Q’s flexibility is by far higher than the one observed in WaveOne Gold® files.¹

Safer than ever before.

In terms of durability, Procodile Q is yet to be beaten. Data by the Dental Advisor Biomaterials Research Center confirms that Procodile Q’s cyclic fatigue resistance lasted between 197 % and 325 % longer than WaveOne Gold’s®, which reduces the risk of fractures and thus increases the safety during the procedure.²

The Dental Advisor Biomaterials Research Center also detected that significant unwinding was found in all three sizes of WaveOne Gold® files, but in only one size of Procodile Q (after three canals) which again emphasizes the durability of Procodile Q files.³

Efficiency at its best.

The Dental Advisor data study also proves: With a cutting rate 16 % faster than WaveOne Gold®, Procodile Q files are the perfect fit for a fast and efficient preparation of the root canal⁴. In addition, the tapered core helps to remove infected tissue effectively, extrude debris coronally, and thus can help to lower the risk of post-operative infections.⁵

Procodile Q is the stronger, faster, and more durable file.

These studies prove us right – with a superior flexibility, longer durability, higher safety, and a variety of file sizes, Procodile Q masters all challenges of your work routine.

¹ **Beltran, A. S. M., Dadarkar, F. and Jaramillo, D. E. (2022).** Comparison of Dentin Debris Extrusion After the Use of WaveOne Gold and Procodile Q NiTi File. *Online Journal of Dentistry & Oral Health*, 6(1), pp. 1–5.
² **Cowen, M., Power, J. M., (2022).** Laboratory Evaluation of Procodile Q Endodontic Files. *DENTAL ADVISOR Biomaterials Research Results*.
³ **Cowen & Power,** Laboratory Evaluation of Procodile Q Endodontic Files.
⁴ **Cowen & Power,** Laboratory Evaluation of Procodile Q Endodontic Files.
⁵ **Beltran et al.** Comparison of Dentin Debris Extrusion.

Procodile Q. Thrilled users.



Dr. David Christofzik

Endodontic expert, Kiel
















"I would like to carry out my endodontic treatments with a file system that enables effective work and gives the user a safe feeling when preparing narrow and curved root canals.

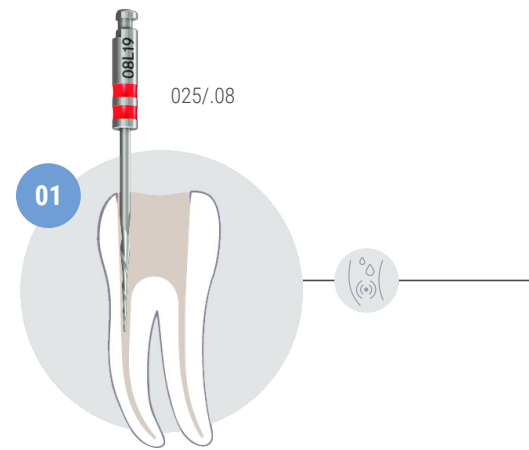
The heat treatment has implemented my requirements very pleasantly and effectively. This file system is distinguished by the unique combination of efficient substance removal, gentleness and retention of the canal geometry."



Step by Step.

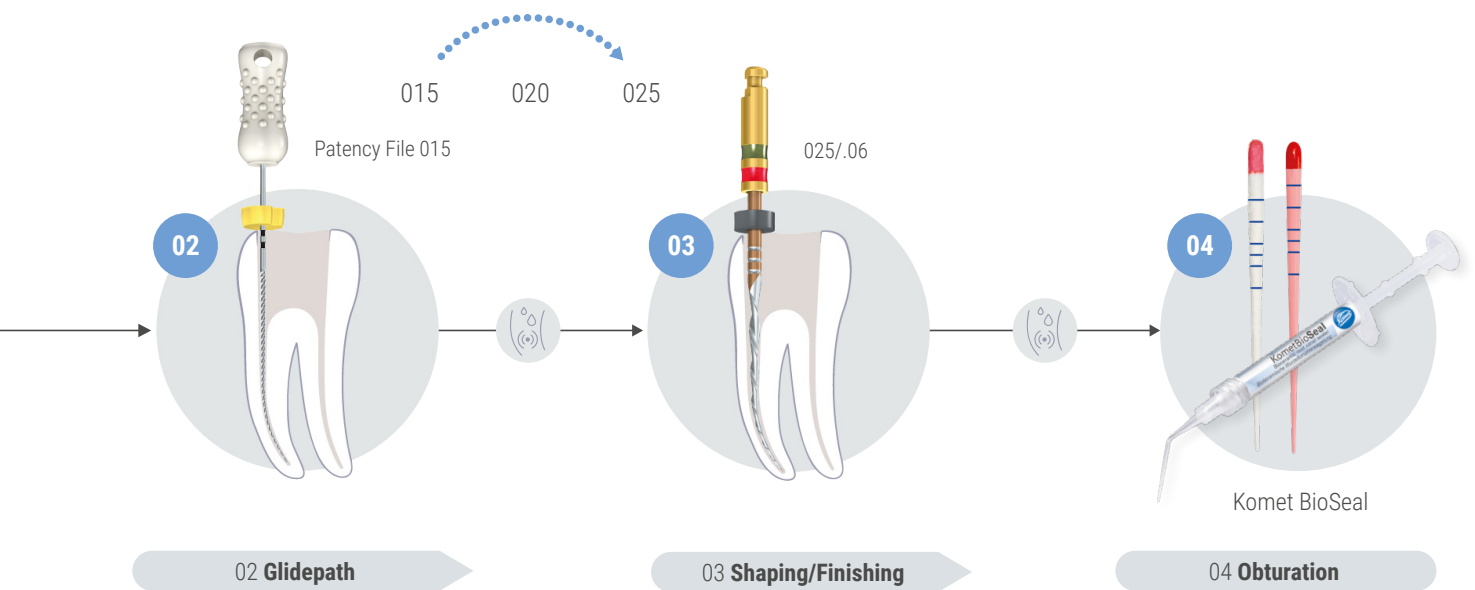
Simple and clearly structured. Four main sizes for the preparation of narrow, medium sized and wide canals with matching paper and gutta-percha points – for the best obturation possible.

 Option for narrow canals	 Option for medium-sized canals	 Option for wide canals
 ● PRQ6L25.204.020	 ● PPPR06.000.020	 ● GPPR06.000.020
 ● PRQ6L25.204.025	 ● PPPR06.000.025	 ● GPPR06.000.025
 ● PRQ5L25.204.040	 ● PPPR05.000.040	 ● GPPR05.000.040
 ● PRQ4L25.204.050	 ● PPPR04.000.050	 ● GPPR04.000.050



01 Coronal reaming

[01] Generous preparation of the canal entry zone, for example with the reciprocating Opener.



[02] Creation of a glide path, for example with a K-file in size 015. The matching Procodile Q file is selected according to the size of the previously used (manual) file. Rule: Skip one ISO file size.



[03] Canal preparation with the Procodile Q file.

In case of power units with no preset reciprocating movement, we recommend to use a speed of 350 rpm, a torque of 3.2 Ncm and an angle of 30° right/150° left



[04] Obturation with a matching gutta-percha point.



Procodile Q. The system.

Procodile Q Files

with matching taper .06



●● PRQ6L25.204.020



●● PRQ6L25.204.025



●● PRQ6L25.204.030

Procodile Q Files

with matching taper .05



●● PRQ5L25.204.035



●● PRQ5L25.204.040

Procodile Q Files

with matching taper .04



○● PRQ4L25.204.045



●● PRQ4L25.204.050

Available in the lengths 21 mm,
25 mm and 31 mm. [6 files per blister pack]



Procodile Q Paper points

PPPR06.000.S1

Contents: 30x 025, 10x 030, 10x 035, 10x 040

● PPPR06.000.020

● PPPR06.000.025

● PPPR06.000.030

● PPPR05.000.035

● PPPR05.000.040

○ PPPR04.000.045

● PPPR04.000.050



Procodile Q Gutta-percha points

GPPR06.000.S1

Contents: 30x 025, 10x 030, 10x 035, 10x 040

● GPPR06.000.020

● GPPR06.000.025

● GPPR06.000.030

● GPPR05.000.035

● GPPR05.000.040

○ GPPR04.000.045

● GPPR04.000.050

Procodile Q Assortment

SORT184B

●● OPR08L19.204.025

○ PG03L25.204.015

●● PRQ6L25.204.020

●● PRQ6L25.204.025

●● PRQ5L25.204.035

●● PRQ5L25.204.040

STERILE R



Procodile Q. The accessories.



●● **OPR10L19.204.030**
Reciprocating Opener



●● **OPR08L19.204.025**
Reciprocating Opener



BCS1 KometBioSeal
Bioceramic root filling material

EnG013 Endo-Motor



ED01 EnDrive

Komet Dental

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