



EP EASY PATH
AMBER HT Technology

Follow the nature

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Endostar EP Easy Path

New system for creating glide path

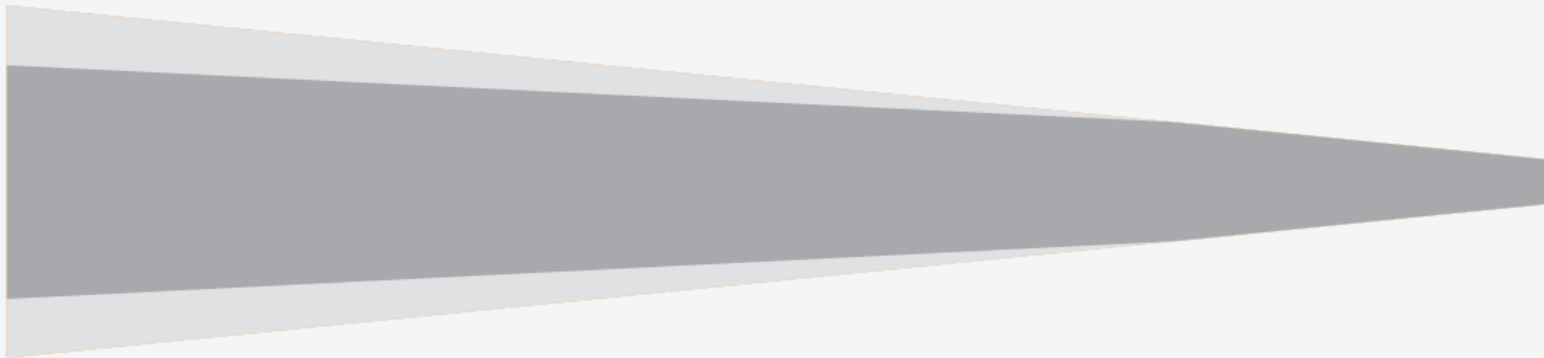
- ✓ Extreme flexibility
- ✓ High resistance to fatigue
- ✓ Easy passage down the canal
- ✓ Safe and fast glide path preparation



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Exceptional taper and ISO size

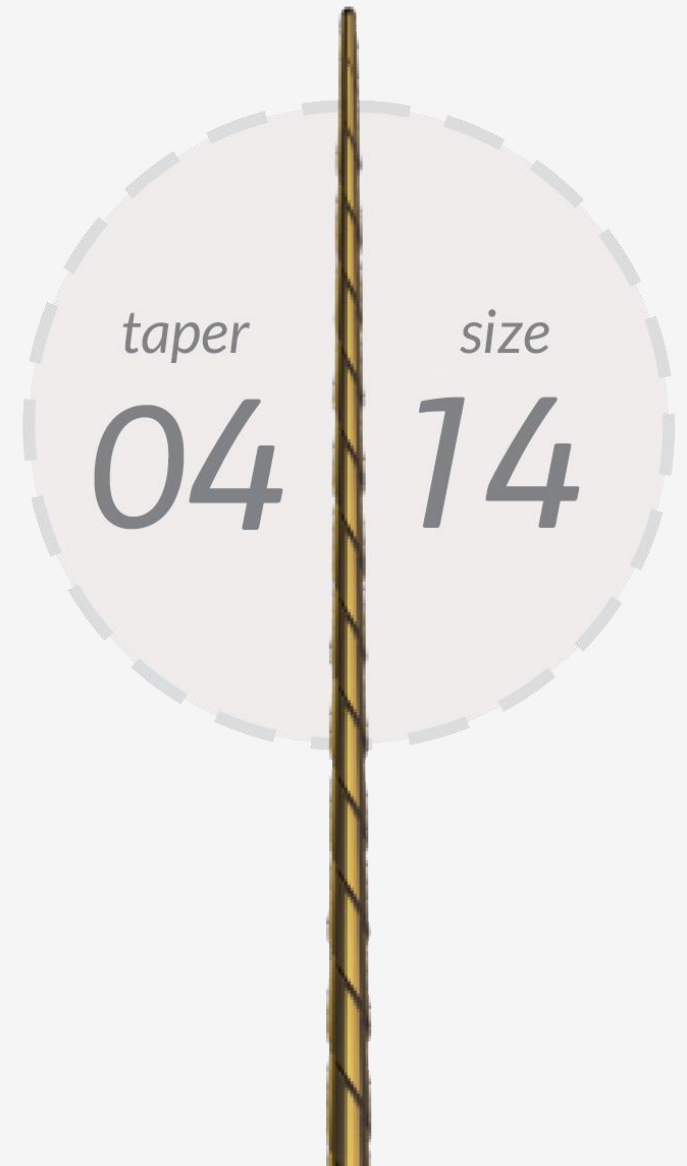
A specially designed variable decreasing taper facilitates a seamless path down the root canal, thanks to decreased resistance in the coronal part of the canal. At the same time a minimal amount of dentine is removed around the canal orifices.



Exceptional, variable, decreasing taper of the Endostar EP Easy Path

Exceptional taper and ISO size

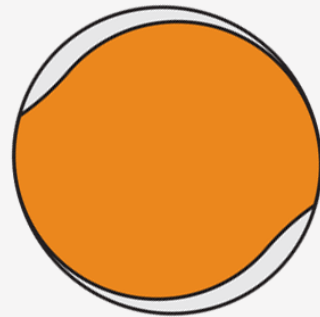
The use of size ISO **14** at the tip is a compromise between arriving at the apex easily and the ability to safely continue shaping the canal with a larger rotary instrument.



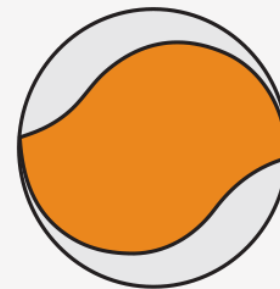
Safety provided by core design

A massive file core which is S-shaped on cross section guarantees safe passage even in strongly calcified canals.

The combination of the newest advances in metallurgy together with the file's design provide maximum safety.



Modified Easy Path file cross section,
large instrument core.



Standard S file cross
section.

Files used for creating a glide-path are a technological challenge. They are the first to penetrate narrow, curved and often calcified canals. They need to be thin and flexible, but also resistant to breaking inside the canal.

Creating a file which would fulfill all these requirements is not easy. This is why Amber HT Technology by Poldent was designed to improve the qualities of the NiTi alloy and create a safe glide-path file.

AMBER HT Technology

..... Temperature increases →

MARTENSITE

- > Extreme flexibility.
- > Initial bending according to canal curvature.
- > Increased resistance to fracture.

Endostar EP Easy Path
Files designed to create a glide path.

AZURE HT Technology

AMBER HT Technology

AUSTENITE

- > Elasticity.
- > High cutting efficiency.
- > Resistance to fracture.

Endostar E3 Azure
Files created for root canal shaping.

Fatigue test (mean time until file fracture)

Endostar EP Easy Path (Amber) at 20°C	251,3 s
Endostar EP Easy Path (without heat treatment) at 20°C	107,3 s
Endostar EP Easy Path (Amber) at 35°C	175,7 s
Endostar EP Easy Path (without heat treatment) at 35°C	90,7 s

Tests were conducted in 25 20°C and 35°C.

Increased working efficiency

The Endostar EP Easy Path mechanical file is designed to safely and quickly create a glide path for other shaping instruments. It can be used with most endodontic handpieces.

The instrument can be precurved so that it can reach hard to access canals and bypass ledges. It easily follows even the most extremely curved canals.



Increased working efficiency

We never offered such a flexible and reliable file for creating a glide path.

The Endostar EP Easy Path easily reaches the apex while creating an ideal path for further instrumentation.

X-ray of the Endostar EP file inside the canal.

Provided by Dr Slawomir Gabrys.



ISO size



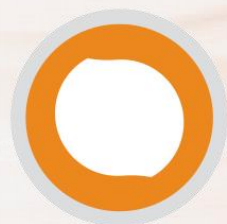
Amber
technology



Modified
S cross-section



Safe tip



Massive core



Exceptional size



Decreasing taper

Step-by-step

1. Isolate the tooth with a rubber dam.
2. Prepare a straight-line access to the root canal.
3. Use a hand ISO 10 K-file to establish patency and measure working length.
4. Fill the canal with an irrigating solution.
5. Mount the Endostar EP Easy Path instrument to the handpiece and place it in the canal.
6. Move the instrument in an up-and-down motion with very little pressure towards apical part (the instrument should naturally progress down the canal). Use a pecking motion with an amplitude of 2-3mm.
7. After 3 to 4 up-and-down movements, remove the instrument from the canal and clean it with a sponge located in the instrument box.
8. Irrigate the canal.
9. Repeat steps 6-8 until working length is reached.
10. Continue shaping the canal with your files of choice, for example the Endostar E3 Azure.

Recommended torque settings

Recommended torque is 1 Ncm (up to 1.5 Ncm for experienced users).

Recommended speed is 300 rpm (up to 500 rpm for experienced users).

If your handpiece/ endodontic motor offers only pre-set levels of torque setting, choose a level that will not exceed the recommended values.

Product ordering information

Package - 3 pcs

Package - 6 pcs



EPAM041421BL3 Endostar EP Easy Path, 14/04, 21 mm, 3 pcs

EPAM041421BL6 Endostar EP Easy Path, 14/04, 21 mm, 6 pcs

EPAM041425BL3 Endostar EP Easy Path, 14/04, 25 mm, 3 pcs

EPAM041425BL6 Endostar EP Easy Path, 14/04, 25 mm, 6 pcs



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