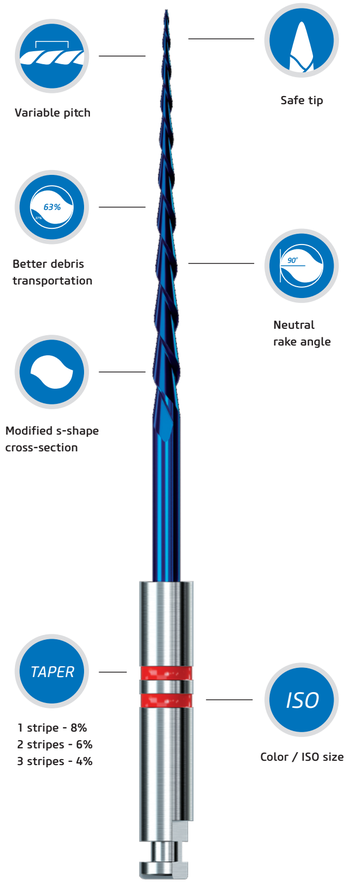
Endostar E3 Azure



Clinical cases

Dr Amr Elwi

Before

After

Dr Piotr Wujec

Before

After

Product information

Straight, lightly or moderately curved canals.

Narrow and curved canals.

Wide canals.

Endostar E3 Azure Basic	
E3AZ21	Set
30/08, 25/06, 30/04, 21 mm, 3 pcs	
E3AZ25	Set
30/08, 25/06, 30/04, 25 mm, 3 pcs	
E3AZ29	Set
30/08, 25/06, 30/04, 29 mm, 3 pcs	
E3AZ250621	25/06, 21 mm, 6 pcs
E3AZ250625	25/06, 25 mm, 6 pcs
E3AZ250629	25/06, 29 mm, 6 pcs
E3AZ300421	30/04, 21 mm, 6 pcs
E3AZ300425	30/04, 25 mm, 6 pcs
E3AZ300429	30/04, 29 mm, 6 pcs
E3AZ300818	30/08, 18 mm, 6 pcs

Endostar E3 Azure Small	
E3AZS21	Set
20/06, 25/04, 20/04, 21 mm, 3 pcs	
E3AZS25	Set
20/06, 25/04, 20/04, 25 mm, 3 pcs	
E3AZS29	Set
20/06, 25/04, 20/04, 29 mm, 3 pcs	
E3AZ200421	20/04, 21 mm, 6 pcs
E3AZ200425	20/04, 25 mm, 6 pcs
E3AZ200429	20/04, 29 mm, 6 pcs
E3AZ200621	20/06, 21 mm, 6 pcs
E3AZ200625	20/06, 25 mm, 6 pcs
E3AZ200629	20/06, 29 mm, 6 pcs
E3AZ250421	25/04, 21 mm, 6 pcs
E3AZ250425	25/04, 25 mm, 6 pcs
E3AZ250429	25/04, 29 mm, 6 pcs

Endostar E3 Azure Big	
E3AZB21	Set
35/04, 40/04,45/04, 21 mm, 3 pcs	
E3AZB25	Set
35/04, 40/04,45/04, 25 mm, 3 pcs	
E3AZB29	Set
35/04, 40/04,45/04, 29 mm, 3 pcs	
E3AZ350421	35/04, 21 mm, 6 pcs
E3AZ350425	35/04, 25 mm, 6 pcs
E3AZ350429	35/04, 29 mm, 6 pcs
E3AZ400421	40/04, 21 mm, 6 pcs
E3AZ400425	40/04, 25 mm, 6 pcs
E3AZ400429	40/04, 29 mm, 6 pcs
E3AZ450421	45/04, 21 mm, 6 pcs
E3AZ450425	45/04, 25 mm, 6 pcs
E3AZ450429	45/04, 29 mm, 6 pcs

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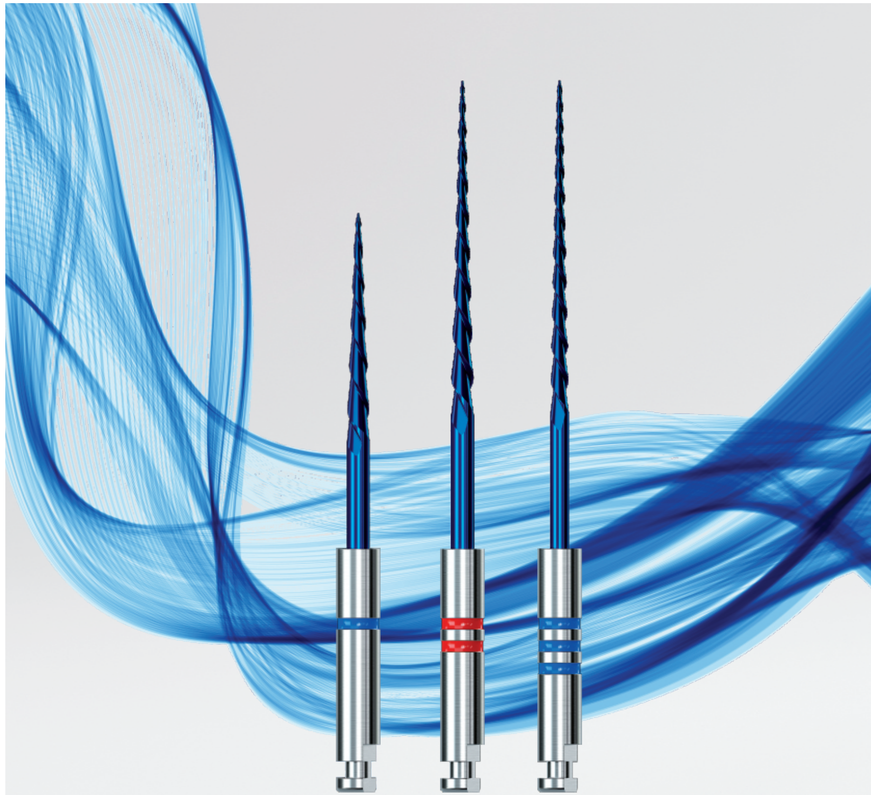
endo★star

Endostar E3 Azure.

Enjoy the difference. The power of Azure.



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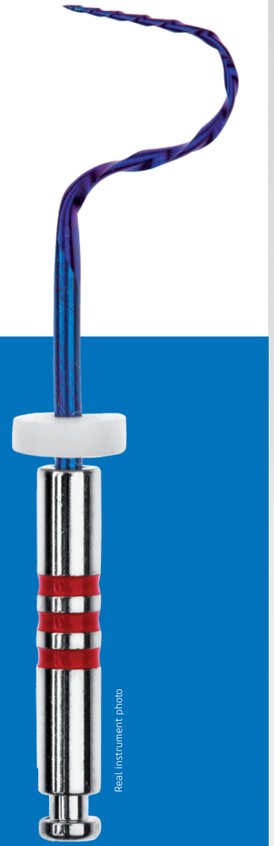
Innovation and safety

Endostar E3 Azure is an innovative system created with Azure HT Technology which is our specially designed heat-treatment manufacturing process. The goal of Azure HT Technology was to create files that are extremely flexible and resistant to breaking even in the most complicated clinical cases.

Endostar E3 Azure
> **safe** - increased breaking resistance,
> **extremely flexible** - follows even the most curved canal path,
> **effective and easy** to use.

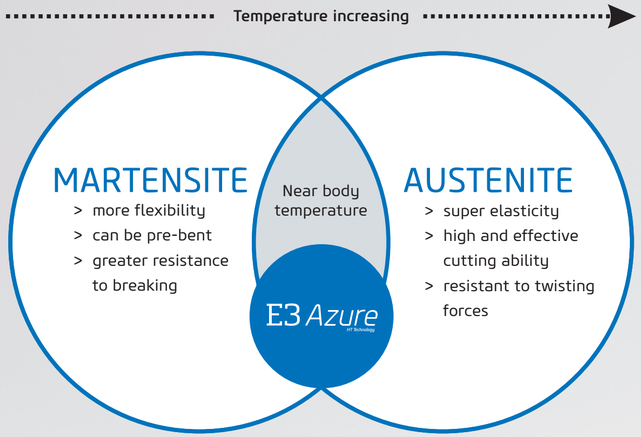


Azure HT Technology - Color of Power

The Azure HT Technology process modifies the crystal structure of the nickel-titanium files. It allows for the martensite to austenite transformation to occur at near body temperature.

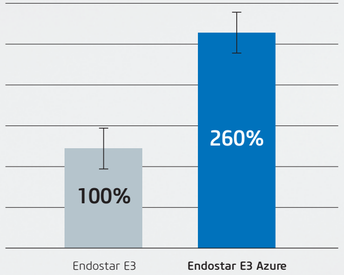
This process completely changes the properties of the files. The files can pre-bent before being inserted into the canal. They can easily follow even the most curved canal path, with a minimal risk of perforation, ledges or via falsa.

Feel the significant difference. New and unique.

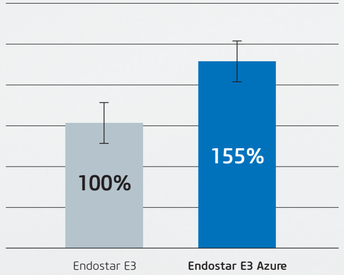


During root canal treatment (at near body temperature) the file uses the advantages, both of the martensite and austenite phases.

Flexibility
Increased flexibility thanks to Azure HT Technology*



Resistance
Increased resistance to twisting forces compared to standard rotary instruments.



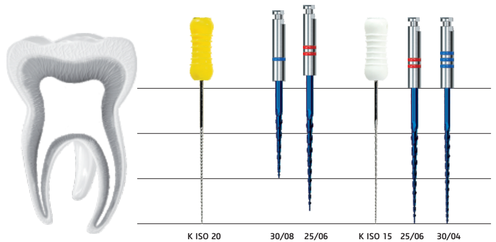
* Internal studies performed according to ISO standards.

Do it your way

We aimed at designing a new user-friendly system, which would be flexible, efficient and safe. We had no intention to change doctor's habits. Endostar E3 Azure was designed for 3 common types of the motion to achieve a perfect root canal preparation. The system is compatible with most of the handpieces.

Rotary motion
The instruments rotate clockwise and with a set speed (CW - clock wise).

Reciprocal motion
The instruments perform alternating clockwise (CW) and counter Clockwise (CCW) movements; the angle of clockwise (CW) rotation must be larger than counterclockwise rotation (CCW) e.g. 90 degrees CW and 30 degrees CCW.

Complex motion
Combines the rotary and reciprocal motion. The files rotate until too high resistance in the canal is met. Then the reciprocal mode is activated (CW - CCW, net CW). Rotation mode is turned on again when the resistance returns to acceptable level. An example of complex motion is the OTR mode available in the Endostar Provider endomotor.

The Endostar E3 Azure Basic sequence