

# NAVIGATOR *Evo*



## SYSTEM FOR ROOT CANALS PREPARATION



- ▶ successor to the WIZARD Navigator system
- ▶ greater flexibility and higher cyclic fatigue resistance thanks to thermal treated NiTi
- ▶ inactive tip for easier guiding in root canals
- ▶ efficient dentin removal
- ▶ can be used repeatedly
- ▶ it is sterilizable

# NAVIGATOR EVO



<b>W-File</b>	<b>W-File</b>	<b>W-File</b>	<b>W-XN</b>	<b>W-1</b>	<b>W-2</b>	<b>W-3</b>	<b>W-4</b>	<b>W-5</b>	<b>W-6</b>	<b>W-7</b>	<b>W-8</b>	<b>W-9</b>
L (mm) 25	L (mm) 25	L (mm) 25	L (mm) 19	taper ratio 4%	taper ratio 5%	taper ratio 6%	taper ratio 6%	taper ratio 6%	taper ratio 6%	taper ratio 6%	taper ratio 4%	taper ratio 4%
ISO 006	ISO 008	ISO 010	ISO 025	ISO 010	ISO 015	ISO 020	ISO 025	ISO 030	ISO 035	ISO 040	ISO 035	ISO 040
<b>144 51 .... 9372 9382 9392</b>	<b>144 50 1135</b>	<b>L = 21 144 50 .... 1605 1615</b>	<b>L = 21 144 50 .... 1695 1705</b>	<b>L = 21 144 50 .... 1785 1795</b>	<b>L = 25 144 50 .... 1625 1635 1645</b>	<b>L = 25 144 50 .... 1715 1725 1735</b>	<b>L = 25 144 50 .... 1805 1815 1825</b>	<b>L = 25 144 50 .... 1655 1665 1675</b>	<b>L = 25 144 50 .... 1745 1755 1765</b>	<b>L = 25 144 50 .... 1835 1845 1855</b>	<b>L = 25 144 50 .... 1685 1695 1705</b>	<b>L = 25 144 50 .... 1775 1785 1795</b>

packing 6 pcs

**probing set**

**W-File set sondovaci**  
Set contains 6 instruments

L = 25	<b>144 55 1122</b>
--------	--------------------

- 144 51 9372** W-File; 006 L25 2x
- 144 51 9382** W-File; 008 L25 2x
- 144 51 9392** W-File; 010 L25 2x

**basic set**

**Navigator EVO set I**  
Set contains 6 instruments

L = 21	<b>144 45 1185</b>
L = 25	<b>144 45 1215</b>
L = 31	<b>144 45 1245</b>

- Navigator EVO W-1; 4/010 1x
- Navigator EVO W-2; 5/015 1x
- Navigator EVO W-3; 6/020 1x
- Navigator EVO W-4; 6/025 1x
- Navigator EVO W-5; 6/030 1x
- Navigator W-XN; 7/025 1x

**economy set**

**Navigator EVO set III**  
Set contains 6 instruments

L = 21	<b>144 45 1205</b>
L = 25	<b>144 45 1235</b>
L = 31	<b>144 45 1265</b>

- Navigator EVO W-1; 4/010 2x
- Navigator EVO W-2; 5/015 2x
- Navigator EVO W-3; 6/020 2x

**complementary set**

**Navigator EVO set II**  
Set contains 6 instruments

L = 21	<b>144 45 1195</b>
L = 25	<b>144 45 1225</b>
L = 31	<b>144 45 1255</b>

- Navigator EVO W-6; 6/035 2x
- Navigator EVO W-7; 6/040 2x
- Navigator EVO W-8; 4/035 1x
- Navigator EVO W-9; 4/040 1x



**144 45 1305**  
**Navigator EVO start kit**  
basic set L25 + brochure + instruction



**144 91 3001**  
**Endo a Class reciprocating**  
Cordless endodontic endomotor, complete set



Complete offer of gutta percha and paper points.

**Navigator EVO instruments** are designed for machine-assisted preparation using continuous clockwise motion with torque control. Thanks to the specifically developed flexible material, they can also be successfully used for root canals with complicated pathways.

**Instructions for use**

1. Primary clearing of a root canal using W-File 006, 008 or 010.
2. Measuring the working length – Apexlocator, X-ray.
3. Making the root canal passable with a hand instrument to the size of 015–020.
4. Widening the root canal using Navigator EVO W-1 or Navigator EVO W-2. The alteration of the instruments can be successfully used in highly complicated canals.
5. If necessary, the entrance to the root canal can be widened or moved using the W-XN instrument.
6. Consequently, peck the entire root canal using Navigator EVO W-3 to the dimension of 020.
7. Preparation using Navigator EVO W-4 with the possibility of filling.

8. Wide canals can be enlarged up to 035 using Navigator EVO W-6 with 4% or Navigator EVO W-8 with 6% taper and further to the size of 040 using Navigator EVO W-7 with 4% or Navigator EVO W-9 with 6% taper.

During preparations by individual instruments use 2–3 filing movements. Rinse the root canals during the preparation frequently. Set the endo-motor parameters (revolutions and twist) to the values according to the table. For anatomically complicated canals, always check the passage of the canal. Procedure of preparation – individual steps can be repeated. The number of tools can be reduced in simple canals with good passability. Place the used instruments to a cleaning box. Record the number of uses of individual instruments in relation to the complexity of the root canal.

Navigator EVO instruments can be combined with the Unicone system. We recommend using the products of MEDIN, a.s. for filling.

**Recommended set-up for endo-motor:**

Navigator EVO	Marking	Speed (rpm)	Torque (N.cm)
W-1	4/010	140–180 rpm	1.2
W-2	5/015	140–180 rpm	1.2
W-3	6/020	140–180 rpm	2.1
W-4	6/025	140–180 rpm	2.1
W-5	6/030	140–180 rpm	2.3
W-6	6/035	140–180 rpm	2.3
W-7	6/040	140–180 rpm	2.3
W-8	4/035	140–180 rpm	2.3
W-9	4/040	140–180 rpm	2.3
W-XN	7/025	140–180 rpm	2.3

Maximum speed is 250 rpm.