



DIVERSIDENT™

EndoFX



EndoFX NiTi-Files

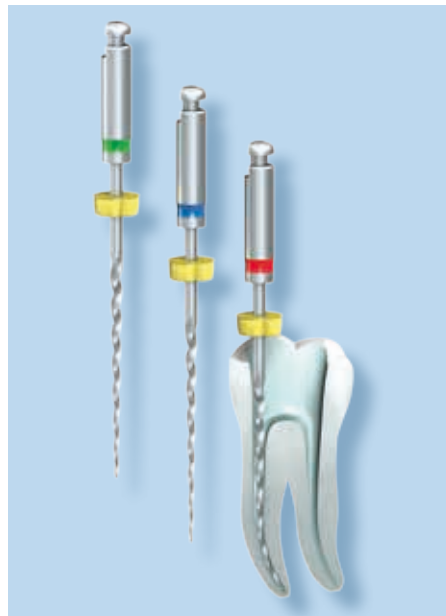


Size 025 020 015

Narrow canals

Torque: 0,8 0,8 0,8 Ncm

Optimal speed: 250 rpm | Maximum Speed : 500 rpm

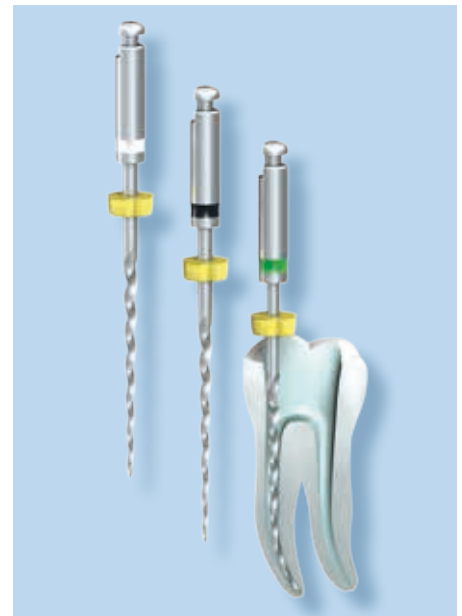


Size 035 030 025

Medium canals

Torque: 1,4 0,8 0,8 Ncm

Optimal speed: 250 rpm | Maximum Speed : 500 rpm



Size 045 040 035

Wide canals

Torque: 1,4 1,4 1,4 Ncm

Optimal speed: 250 rpm | Maximum Speed : 500 rpm

Step by Step

- Exposure of the canal entrance using Gates burs
- Probing of the canal up to ISO size 015 using appropriate manual instruments
- Use instruments in picking motion, applying the Crown-Down technique
- Rinsing of the root canal in regular intervals
- Final obturation of the canal



EndoFX NiTi-Files/RA

	DV 04 L21 204 015 [250] [500]
	DV 04 L21 204 020 [250] [500]
	DV 04 L21 204 025 [250] [500]
	DV 04 L21 204 030 [250] [500]
	DV 04 L21 204 035 [250] [500]
	DV 04 L21 204 040 [250] [500]
	DV 04 L21 204 045 [250] [500]
	DV 04 L21 204 050 [250] [500]

Taper 04, Length 21 mm

	DV 04 L25 204 015 [250] [500]
	DV 04 L25 204 020 [250] [500]
	DV 04 L25 204 025 [250] [500]
	DV 04 L25 204 030 [250] [500]
	DV 04 L25 204 035 [250] [500]
	DV 04 L25 204 040 [250] [500]
	DV 04 L25 204 045 [250] [500]

Maximum speed: [500] = 500 rpm

Optimal speed: [250] = 250 rpm

Taper 04, Length 25 mm

Advantages:

- Clearly laid out file sequence: only 3 files per canal
- File sequences are adapted to different canal anatomies (narrow, medium, wide canals)
- Files are used in rotary manner, in torque-limited endodontic contra-angles or motors
- Made of highly flexible NiTi
- Files are applied according to the Crown-Down technique
- Small taper of 04
- ISO color coding on the shank
- Radiopaque silicone stopper to facilitate determination of depth
- Available in 2 lengths, L21 and L25



Instructions for use EndoFX NiTi-File

1. Indication

System containing rotary files made of NiTi for the mechanical preparation of root canals, according to the Crown-Down technique.

2. Contra-indication

Use in root canals with pronounced abrupt curves in the apical region and severely calcified root canals

3. Clinical sequence / appropriate use

General information

- Make sure to observe the recommendations for the use of mechanical NiTi instruments and for the cleaning and disinfection of root canals.
- To be used in lubricated canals only (it is recommended to use a lubricant containing EDTA)
- Clean the instruments periodically during the treatment by means of mechanical procedures. Rinse canal thoroughly to ensure efficient removal of debris. Ensure patency of the canal by means of suitable manual instruments, to reduce the risk of blockage of the canal during the preparation.

Prior to the use of EndoFX NiTi-Files

- Determine the morphology of the canal by means of diagnostic radiographs
- Prepare a straight canal access, for example with Gates burs
- Ensure patency of the canal by means of suitable manual instruments up to ISO size 015, for example with a K-file.

Appropriate use of the EndoFX NiTi-Files

- The instruments are used in "picking motion", i. e. the files are used gently up and down the canal wall during a period of max. 5-8 seconds, according to the Crown-Down principle.
- Use in a torque-limited contra-angle at an optimal speed of 250 rpm. The maximum permissible speed is 500 rpm. Make sure not to exceed the following maximum torques:
 - 0,8 Ncm for instruments of size 015-030
 - 1,4 Ncm for instruments exceeding size 035

Instrument sequence:

Narrow canals: DV04 in size 025 / DV04 in size 020 / DV04 in size 015

Medium canals: DV04 in size 035 / DV04 in size 030 / DV04 in size 025

Wide canals: DV04 in size 045 / DV04 in size 040 / DV04 in size 035

- Clean the instruments periodically during the treatment by means of mechanical procedures. Rinse the root canal thoroughly to ensure efficient removal of debris. Check instruments for plastic deformations and discard any imperfect files.
- Monitor and record carefully how many times each instrument has been used (3-5 canals at most, when used in extremely curved canals, discard after one use, in order to avoid fracture of the instrument due to material fatigue).

4. Further treatment

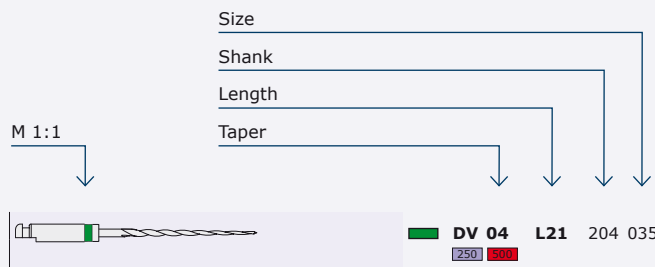
After the administration of a medicament, if necessary, the root canal can be filled according to the usual methods, for example with condensed gutta-percha, a carrier based filling system or a thermo plastic procedure.

5. Recommendations for maintenance

All EndoFX NiTi-Files are supplied in non-sterile condition. They therefore have to be cleaned, disinfected and sterilized prior to each use. Remove silicone stopper from the file prior to reprocessing. Disinfect the files with a mildly alkaline disinfecting and cleaning agent for rotary instruments. For recommendations for use (immersion time, concentration, suitability) of the disinfecting and cleaning agents please refer to the instructions provided by the manufacturer of the agents used. The instruments can be reprocessed in the thermo disinfecter, provided that the agent used is suitable for rotary instruments. Disinfecting and cleaning agents must be rinsed off thoroughly with water and the instruments must be dried carefully (e.g. by air jet). Do not store the instruments for long periods in wet or humid conditions. Ensure that all traces of NaOCl are removed and limit contact to just a few minutes. The instruments must not come in contact with each other during cleaning in the ultrasonic bath. Carry out a visual check of the instruments. Damaged or blunt instruments must be rejected and their use discontinued. The operator of medical products is responsible for ensuring that proper treatment is carried out by qualified personnel using the appropriate materials and suited equipment.



Structure of ordering number:



Maximum speed:

500 = 500 rpm

Optimal speed:

250 = 250 rpm

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