

VS FLEXI 06 Blue FILES – Instructions for Use

Description

This set of files contains heat treated Ni-Ti endo files with controlled memory.

Cross section of VS FLEXI files is parallelogram with specially chosen cutting angle for maximum cutting efficiency. Thanks to cross section shape endo file touches the root canal wall in one, maximum two, contact points at any time during shaping.

VS FLEXI files are unique combination between file with such cross section, such cutting angle, controlled memory and ability to shape the root canal with regular clockwise 360 deg rotation or reciprocating movement.

This unique combination ensures that VS FLEXI files have excellent cutting ability with minimum risk of file fracture or file getting stuck into root canal. At the same the file design allows for very effective evacuation of the debris coronally during the shaping, too.

Another advantage of that set of endo files is that ALL files from the set work with same speed and same torque. Dentist sets the endo motor at 220-250 rpm and torque of 2.2-2.5 N/cm and that's it.

During shaping the file should not advance more than 1 mm with each pecking motion (movement of the file downwards / upwards inside the root canal)

Advancement of the file apically inside the canal should be done with 0.5 mm per second without applying significant force downwards during shaping. Dentist should leave the file to shape the root canal almost "by itself". If this is not happening he/she must go back and shape the canal one more time with smaller size file he/she used last.

Glide path

At the start of root canal shaping a glide path must be made by hand with hand files #06.02, #08.02 in easy root canals and with #10.02, too in severely curved root canals. K files, K reamers, D Finders, C Pilot files may be used depending on dentist's choice. When enlargement of the canal with file #08.02 or #10.02 is done the working length of the root canal must be defined by using an apex locator device.

Shaping of root canal with VS FLEXI 06 Blue files

Endo motor must be set to normal 360 deg clockwise rotation with 250 rpm and torque of 2.2 – 2.5 N/cm.

Files must be covered with EDTA cream before start of shaping. Do not use dry files to shape the root canal.

Shaping of the root canal must be made with light brushing motions of the file while at the same time doing a short pecking (downward / upward) motions apically at maximum depth of 1 mm at a time. After each 3-4 such shaping intervals the file must be taken out of the canal and cleaned from the debris with gauge saturated in hypochlorite solution.

Put file size #13.04 (MGP1 – two white rings) into motor's head and with combined light brushing and pecking motions shape the canal to full working length. Follow the advices for shaping given above – do not advance with more than 1mm with each pecking motion and take care file to advance inside root canal with approximately 0.5mm per second.

After this is done use file with size #17.04 (two red rings) to finish machine glide path.

Primary shaping of the canal follows with size #20.04 file (one yellow ring).

Once it's done use files sizes #20.06 (yellow), #25.06 (red) and #30.06 (blue) to shape the root canal to a desired size depending on particular clinical case.

Important tip

Before shaping with next larger size file make sure you recapitulate the canal with hand file size #10.02 and irrigate copiously. VS FLEXI files must not be used in dry root canal.

VS FLEXI 06 Blue files can also be used with reciprocation motion. Endo motor must be set to reciprocation motion 150 deg CW / 30 deg CCW. Please note that such reciprocation motion setting is different from the reciprocation motion used with endo files of other manufacturers. Again file should not be advanced apically by more than 1mm with each pecking motion.

Manufacturer:
Shenzhen Rogin Medical Co., Ltd
5th Floor, Block I, Jinchangda Science Park, Zhangkengjing,
Guanian, Longhua Shenzhen
China

Worldwide distributor:
Valdental Ltd.
87 Rousse Blvd. entr. A, ap. 3
5800 Pleven, Bulgaria
<https://valdental.eu/>

CE
0197