

EasyShape™ System

Mechanical preparation of root canals along their entire length



Scientific advisor:

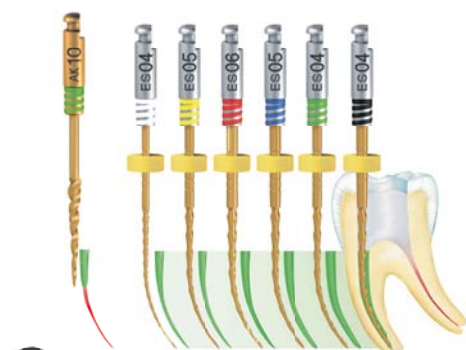
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Index | 1



Great cutting force, manageable system | 2



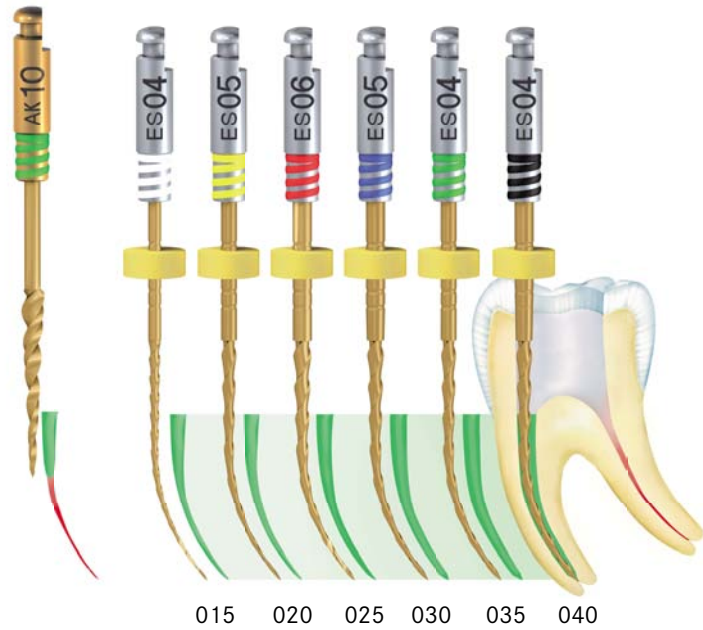
Sizes, tapers, identification | 3



Storage and sterilization | 4

Product range | 5

2 | Great cutting force, manageable system



Optional: Access reaming

AK10L19.035



ES04L25.015



ES05L25.020



ES06L25.025



ES05L25.030



ES04L25.035



ES04L25.040



Preparation

The EasyShape™ system is a system of NiTi files designed for the mechanical preparation of root canals. Its most outstanding feature is its very sharp and effective blade configuration in the shape of a double-S.

The EasyShape™ system was developed in close collaboration with Prof. Dr. Edgar Schäfer of the University Hospital in Münster, Germany.

Each file can be used to its full working length.

Great cutting force

The principle of the EasyShape™ file system is to work with files along the entire length of the root canal. Each EasyShape™ file is moved up and down the canal wall in short, continuous movements. Each file is used to its full length, provided that there is no resistance in the canal. The files are used in “picking motion”, i.e. they are moved along the canal wall in a dabbing, picking manner. To prevent the particularly sharp teeth of the instruments from jamming in the canal wall, the files are kept moving at all times.

The files are provided with non-cutting tips, which is why the root canals have to be perfectly free of obstructions prior to the start of the preparation. Complete patency of the canal must be guaranteed because in general, EasyShape™

instruments such as NiTi files are unable to penetrate blocked root canals. Guide the EasyShape™ files through the canal in the usual manner without excessive force.

The generous chip spaces of the files allow effective evacuation of debris from the canal.

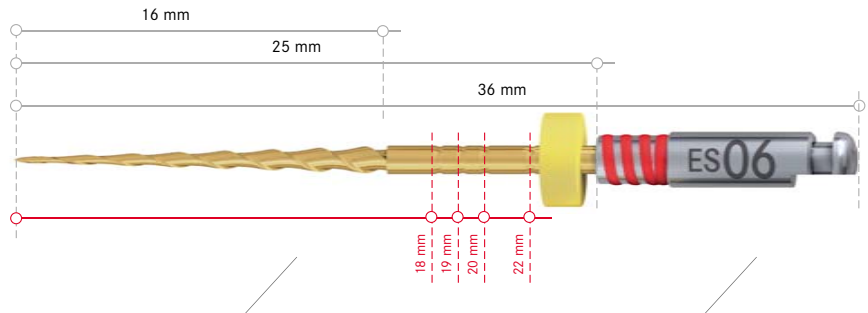
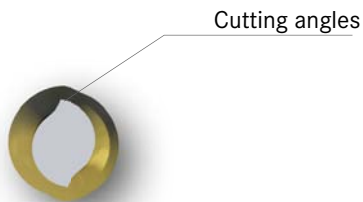
Manageable system

The EasyShape™ files are used in ascending order.

The straight canal access zone can be reamed to a larger size at the start of the treatment, if required. To this end, the access reaming file AK10L19.035 with a taper of 10 from the KOMET AlphaKite system can be used.

The file ES04.015 is first in line, i.e. a size 015 file with a taper of 04. This is followed by inter-coordinated files 05.020, 06.025, 05.030, 04.035 up to size 04.040. The files are used in ascending order; the system is self-explanatory and consists of only a few steps. The instruments are always used in the same sequence – starting with size 015 until the required apical target size has been reached. In case of narrow canals, this can already be achieved with the fourth file, i.e. taper 05.030.

All instruments are provided with a working length of 25 mm.



Instrument sizes – ISO colours

The size of an EasyShape™ file can be recognised by a coloured section on its shank. The sizes were allocated according to the ISO colour scheme, according to which an EasyShape™ file with a yellow spiral corresponds to size 020, a file with a red spiral is size 025, a blue spiral equals size 030, green means 035 and black 040.

					
015	020	025	030	035	040

Spiral-shaped colour code

The shanks of the instruments are provided with a spiral-shaped colour code.

Taper

The EasyShape™ files are available in tapers of 04, 05 and 06. The taper and the size of the instruments are coordinated in line with the sequence in which they are used.

Laser mark on the shank

Apart from the coloured spiral, the size of the EasyShape™ files can be identified by a laser mark on their shank. The laser mark shows the figure number and the taper of each file, e.g. ES04.105 white describes the EasyShape™ file with a taper of 04 in size 015.

TiN plated

All files of the EasyShape™ system are coated with a gold-coloured layer. Apart from the special blade configuration, this special TiN (titanium-nitride) surface coating is the reason for the excellent cutting capacity of the instruments and prevents blunting caused by sterilization.

- TiN coating (Gold-coloured surface coating)
- Tried and tested
- No premature blunting caused by sterilization

Controlled work length –

ground-in depth marks, preassembled silicone stoppers

In order to stick to the work length of the instruments irrespective of the work conditions, the EasyShape™ files have been provided with ground-in depth marking rings and preassembled, radio-opaque silicone stoppers.

The ground-in depth marks on the instrument neck serve as a visual aid whenever a preparation has to be carried out with magnifying glasses or under a microscope and where a stopper would obstruct the view. The position of the depth marks is always identical: at 18 – 19 – 20 and 22 mm viewed from the instrument tip.

4 | Storage and sterilization



533 EasyShape™ Insert tray



541 Insert tray Endo universal
(24 perforations)

Insert tray – antibacterial

The instruments of the EasyShape™ system are stored in a clearly arranged treatment tray.

The insert tray is made of a special antimicrobial plastic.

- PP, 64 x 59 x 19 mm
- Antimicrobial effect thanks to the continuous release of silver ions
- High purity grade due to reduced bacterial contamination during idle times
- No formation of a biofilm on the surface of the material. No unpleasant smells.
- Reduced formation of breeding grounds for bacteria in hidden corners or depressions etc.

Systematic layout

The layout of the EasyShape™ insert trays serves for visual orientation and reflects the preparation sequence from size 015 to size 040. After preparation, the files can easily be put back into their correct places thanks to the labeling on the tray.

An insert tray with a neutral layout for 24 endodontic files (for hand piece and contra-angle shanks) is also available. It is possible to combine two trays in sterilization containers because the containers can be laterally connected.

Sterilization container made of high-performance plastic

- PPSU, 90 x 90 x 55 mm
- No seals, no maintenance required. Extremely long service life: more than 2,000 sterilization cycles
- Suitable for vacuum steam sterilization
- ePFTE filter
- Change filter after 150 – 200 cycles. The long-lasting ePFTE filter remains in the sterilization container during reprocessing (manual or mechanical)
- Transparent material – the contents are visible from the outside
- Two or more containers can be laterally connected
- The date display shows the date when the ePFTE filter was last changed (change recommended 1 – 2 x a year)
- A safety seal is available as an additional accessory. The seal breaks when the lid is opened.

EasyShape™ System – files

AK10L19.035



ES04L25.015



ES05L25.020



ES06L25.025



ES05L25.030



ES04L25.035



ES04L25.040



Starter kit 4584 (2 sets of files)

Kit 4585 (1 set of files)



Kit 4588 EasyShape™
Insert tray and
sterilization container
(without instruments)

533 EasyShape™ insert tray

532 EasyShape™ sterilization container



Kit 4580 Endo universal
Insert tray and
sterilization container
(without instruments)

541 Insert tray Endo universal

556 Sterilization container



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