


endo★star NITI S-FILES

1. Description:

Endostar NiTi S-files are made of nickel-titanium alloy. They are extremely flexible, universal and safe. Their resistance to bending is around 10 times greater than resistance of stainless steel instruments. NiTi S-files are recommended for treatment of curved root canals, which can't be treated with stainless steel instruments. There is no need to pre-bend Endostar NiTi S-files. They are very efficient in root canal instrumentation and have a great cutting ability.

- precisely cut shape,
- made of nickel-titanium alloy with shape memory,
- great cutting ability,
- two cutting edges angled 90° (edges distributed symmetrically at 180° on the long axis),
- cross-section: 
- great dentin debris extraction,
- great flexibility ensured by nickel-titanium alloy,
- non cutting tip,
- millimeter scale etched on the blade (18 to 25mm from the tip), which facilitates the determination of the working length,
- ergonomic handle with ISO symbols.

2. Recommended number of use:

Maximum of 2-8 times, depending on the size (see Table 1), provided that visual inspection performed by the practitioner prior to use shows that the instrument remains undamaged, is not bent, deformed, does not show signs of blade wear. Prolonging the life of the instrument more than recommended may result in the blade breaking.

Table 1

File No	10	15	20	25	30	35	40	45	50	55	60	70	80
Number of times that the instrument can be used	2	2-3	2-3	2-3	4-5	4-5	4-5	6-8	6-8	6-8	6-8	6-8	6-8

3. Cleaning and disinfection:

Detailed instructions for cleaning, disinfection and sterilization can be found on the website www.poldent.pl and www.endostar.eu in the download tab.

4. Sterilization:

This is a non-sterile product. Sterilize before use. The instruments can be sterilized in a steam sterilizer (autoclave) at 134°C. Recommended sterilization time: 3 minutes at 2.1 bar overpressure. Instruments can be disinfected with mild disinfectants and washed in ultrasonic cleaners.

5. Storage:










Instruments should be stored at room temperature in a dry, dust-free and clean environment.





6. Warnings:

This product is for professional dental use only.

7. Product claims:

Please notify the distributor and manufacturer of any claims or adverse events which occurred as a result of operating this device. Each serious incident connected with this product should be reported to the manufacturer and the competent authority of the Member State in which the user is established.

	Cross-section
	CE mark
	Sterilize in a steam autoclave at 134 ° C
	Non-sterile product
	Used for root canal preparation.
	Serial number/ Lot number
	Consult instruction for use
	Nickel-titanium
	Medical device

 REF	Catalogue number
	Packaging unit
	Date of manufacture
	Stainless steel

**Manufactured by:**

Poldent Co. Ltd.

Dzika 2 Street

00-194 Warsaw, POLAND

tel.: +48 22 351-76-50 do 51

fax: +48 22 351-76-79

www.poldent.pl, www.endostar.eu, e-mail: poldent@poldent.pl, endostar@endostar.eu

Ver. 2, July 2022