

ProTaper Next®



FOR DENTAL USE ONLY

DIRECTIONS FOR USE

ENDODONTIC FILE - REF A 0800

PROTAPER NEXT® FILES FOR ENDODONTIC TREATMENT:

- ProTaper Next® XA : VARIABLE TAPERED ACCESSORY INSTRUMENT.
- ProTaper Next® X1 / 017/04 VARIABLE TAPERED INSTRUMENT.
- ProTaper Next® X2 / 025/06 VARIABLE TAPERED INSTRUMENT.
- ProTaper Next® X3 / 030/07 VARIABLE TAPERED INSTRUMENT.
- ProTaper Next® X4 / 040/06 VARIABLE TAPERED INSTRUMENT.
- ProTaper Next® X5 / 050/06 VARIABLE TAPERED INSTRUMENT.

0) COMPOSITION

The cutting part of the shaping instruments (X1 to X5) is made of a nickel-titanium alloy named M-Wire® and the cutting part of XA is made of standard NiTi.

1) INDICATIONS FOR USE

The ProTaper Next® instruments are used in endodontic treatment for shaping & cleaning the root canal system. These instruments are to be used only in a clinical environment by qualified users.

2) CONTRAINDICATIONS

In common with all mechanically driven root canal instruments, the ProTaper Next® instruments should not be used in cases of very severe and sudden apical curvatures.

3) WARNINGS

- This product contains Nickel and should not be used for individuals with known allergic sensitivity to this metal.
- In order to prevent infectious agent transfer it is highly recommended to use a rubber dam system during the endodontic procedure.
- ProTaper Next® is provided sterile and reuse can increase the risk of cross contamination or breakage.

4) PRECAUTIONS

- ProTaper Next® files are single use devices. They can become less efficient after multiple uses causing undue stress to the file. This can lead to file separation.
- Exercise caution in the apical area and around significant curvatures.
- For your own safety, wear personal protective equipment (gloves, glasses, mask).
- These instruments should not be immersed in a sodium hypochlorite solution.
- Irrigate the root canal copiously and frequently during the shaping procedure.
- Lubricants such as NaOCl, EDTA, ProLube, Glyde™ are recommended.
- Establish a reproducible glide path using small-sized manual and/or dedicated mechanical glide path files.
- Use in a constant rotation at a speed of 300 rpm with light apical pressure.
- For optimal usage, torque control devices are recommended at 2 Ncm (adjustable up to 5.2 Ncm according to practitioner experience).
- Clean flutes frequently and check for signs of distortion or wear.
- The ProTaper Next® instruments are recommended to be used mechanically (manually in very severe curvatures) in a clockwise continuous motion.
- The ProTaper Next® instruments are recommended to be used with a brushing motion, away from external root concavities, to facilitate flute unloading and apical file progression.
- The ProTaper Next® XA (Accessory) is recommended for preflaring the orifice, removing triangles of dentin, relocating the coronal aspect of a canal away from an external root concavity, and creating more shape as desired.
- Use the ProTaper Next® files to passively follow the canal until the working length is achieved.

5) ADVERSE REACTIONS

In common with all mechanically driven root canal instruments, the ProTaper Next® instruments should not be used in cases of very severe and sudden apical curvatures.

6) STEP BY STEP INSTRUCTIONS FOR PROTAPER NEXT® FILES

Protocol of use:

- 1) Prepare straightline access to canal orifice.
- 2) Explore the canal using small-sized hand files, determine working length, verify patency and confirm a smooth, reproducible glide path.
- 3) If necessary use the ProTaper Next® XA (Accessory) file to improve radicular access.
- 4) Always irrigate and if necessary, expand the glide path using small-sized hand files or dedicated mechanical glide path files.
- 5) In the presence of NaOCl, brush and follow, along the glide path, with the ProTaper Next® X1 (017/04) file, in one or more passes, alternatively with small-sized hand files if necessary, until the working length is reached.
- 6) Use ProTaper Next® X2 (025/06), exactly as described for ProTaper Next® X1 file, until the working length is passively reached.

- 7) Inspect the apical flutes of the ProTaper Next® X2 file; if they are loaded with dentin, then the shape is finished, the correspondingly sized gutta percha master cone or size verifier may be fitted, and the canal is ready for disinfection.
- 8) Alternatively, gauge the foramen with a size 025 hand file and, if this file is snug at length, the canal is shaped and ready for disinfection.
- 9) If the size 025 hand file is loose at length, then continue shaping with the ProTaper Next® X3 (30/07) and, when necessary, the ProTaper Next® X4 (040/06) or ProTaper Next® X5 (050/06), gauging after each instrument with the 030, 040 or 050 hand files, respectively.

During protocol of use, irrigate, recapitulate with a small-sized hand file after each sequential ProTaper Next® instrument, then re-irrigate.

Symbols	EN
	Handle right angle RA
	Expiry date
	Manufacturer
	Reference number
	Sterilized product, electromagnetic or ionic radiation sterilization process
	One use only
 xxxx-xxxx min. ⁻¹	Recommended rotation speed
	Batch number
	Assortment
	Nickel Titanium
	Silicone
	m-Wire nickel Titanium
	Do not use if seal broken

Manufacturer



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