



MAILLEFER

ProTaper Next[®]

Flexible performance

**THE ProTaper®
PHILOSOPHY REMAINS**

A SINGLE FILE SEQUENCE
FOR MOST CLINICAL CASES

VARIABLE TAPERS
FOR OPTIMIZED
CROWN-DOWN TECHNIQUE

APPROVED APICAL
FINISHING DIAMETERS

The next generation of the endo reference

ProTaper Next® is the successor to the ProTaper® Universal system, which has been the gold standard in endodontics for many years. It is an efficient* solution for endo practitioners seeking a versatile, flexible system that will handle the vast majority of root canal treatments.



* Elnaghy, A. M., & Elsaka, S. E. (2014). Assessment of the mechanical properties of ProTaper Next nickel-titanium rotary files. Journal of endodontics, 40(11), 1830-1834.

The next generation...

...covers more difficult clinical cases*

The unique swaggering movement and the greater flexibility of the ProTaper Next® files make it possible to shape more severely curved narrow canals than what was possible before with most NiTi systems on the market.

...brings improved safety*

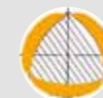
The risk of file breakage is significantly decreased, at the same time, respect of the original root canal anatomy is greatly improved. Instrument performance and patient safety are essential to good endodontics.

...shortens the shaping time*

A shorter clinical sequence means that less time is spent changing instruments. The high cutting efficiency also reduces the shaping time. For the dentist, this is valuable time that can be used for other procedures, such as irrigation.

...improves debris removal

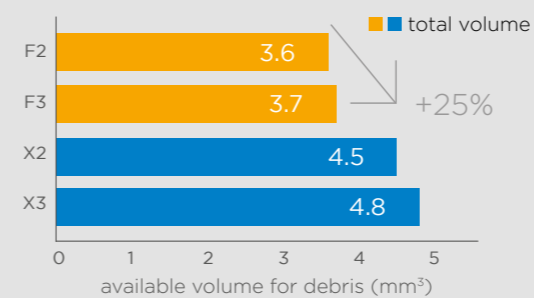
The unique off-centred rectangular cross section gives the file a snake-like swaggering movement and provides enlarged space for the debris.



ProTaper® Universal



ProTaper Next®



Source: Internal data

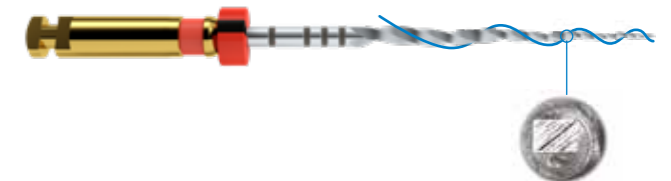
Next generation technology

Swaggering Effect

ProTaper Next®'s innovative off-centred rectangular cross section gives the file a snake-like "swaggering" movement as it moves through the root canal. The off-centred cross section and the unique design of the file generate enlarged space for debris hauling.

M-WIRE®

The M-Wire® NiTi material improves file flexibility, while still retaining cutting efficiency. This is achieved through an advanced Dentsply Sirona proprietary thermal treatment process.



* Source: Internal lab data



Motor Settings: 300 rpm / 2 - 5.2 Ncm

ProTaper Next[®] XA (Accessory)

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.



The next clinical outcome



PRE-OP

Image of maxillary left first premolar. Nonvital pulp had resulted in radiographic lesion of endodontic origin.



POST-OP

Obturation downpack image demonstrating two canals and five visible portals of exit sealed. ProTaper Next[®] provides predictable shaping preparations for confident and consistent obturation regardless of obturation technique.

Courtesy of Dr. John West



Dr. Peet van der Vyver

"ProTaper Next[®] allows clinicians to prepare easy and complex root systems in most cases with only two instruments. The results are incredible. You will notice a drastic reduction in preparation time and the achievement of anatomically shaped preparations ideal for optimal irrigation and complete obturation. A game changer for every clinician who wants to achieve a high standard in Endodontics."



Dr. Cliff Ruddle

"ProTaper Next[®] fulfills the three sacred tenets for shaping canals namely; safety, efficiency and simplicity."

Entering the world of increasing medical standards

Dentsply Sirona Endodontics advocates medical standard care by packaging ProTaper Next[®] files in pre-sterilised blister packs for single patient use. Using two to three ProTaper Next[®] shaping files for each clinical procedure, instead of four to five previously, makes it affordable for the practitioner to implement a single use policy for endodontic instruments with numerous advantages, namely:

Ergonomics

There is no need for reprocessing and re-organising ProTaper Next[®] NiTi files.

Reduced risk of file breakage

Endodontic files are subject to cyclic fatigue, which is the main cause of file breakage during endodontic treatment. This increases dramatically with multiple use. Single use therefore reduces the risk of file breakage and thus increases patient safety.

Optimal cutting efficiency

Using endodontic files for multiple cases actually reduces their cutting efficiency, affecting the performance and satisfaction for both dentist and patient. With ProTaper Next[®], the cutting efficiency stays the same as a new instrument is used for each patient.

No risk for cross contamination

No matter how well an instrument is reprocessed, research shows that certain bacteria and tissue remnants may remain on the instrument. Additional uses of instruments^{*} therefore increase the potential of cross-contamination to every subsequent patient.

* Smith, A., Lange, A., Perrett, D., McHugh, S., & Bagg, J. (2005). Residual protein levels on reprocessed dental instruments. Journal of Hospital Infection, 61(3), 237-241.

Ready to go with a complete solution

ProTaper Next® is a complete solution, covering all the steps of the endodontic procedure:

TREATMENT

**Glide path file**

ProGlider® is suitable for most root canals, including the highly curved ones* whilst respecting the root canal anatomy. It's therefore an excellent choice combined with ProTaper Next®.**

**Shaping files**

The ProTaper Next® shaping files make it possible to treat the vast majority of endodontic cases.

**X-Smart Plus Motor**

The X-Smart Plus is the endodontic motor of choice for general dental practitioners performing root canal treatments.

It is a complete solution designed to:

- Give you more freedom when shaping
- Support you throughout the endodontic treatment
- Prepare your practice for the future

OBTURATION

**ProTaper Next® Conform Fit® gutta-percha**

have a greater heat extension and an increased accuracy to match precisely the shape created by the ProTaper Next® files allowing you to achieve a superior apical fit and an accurate tug back response that you can feel.

**GuttaCore® for ProTaper Next® obturators**

feature a crosslinked gutta-percha core that sends the surrounding warm, flowable gutta-percha three-dimensionally to follow the natural canal anatomy allowing you to obturate even challenging canals with confidence.

**ThermaPrep® 2 Oven**

is for use with the new GuttaCore® for ProTaper Next®. In addition to the GuttaCore® obturators, the ThermaPrep® 2 Oven works with Thermafil® and ProTaper Universal obturators.

RETREATMENT



In the event of retreatment, ProTaper® Universal retreatment files are the recommended instruments for the obturation unfilling procedure.

* Alovisi M et al. 2016 et Kirchoff AL et al., 2015

** Pasqualini D et al., 2015, Alovisi M et al., 2016

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ProTaper Next®

A complete solution



NiTi files

ProTaper Next® X1

A080022100103	File Ster. 21mm	017 .04	6x
A080022500103	File Ster. 25mm	017 .04	6x
A080023100103	File Ster. 31mm	017 .04	6x
A080322100103	File Ster. 21mm	017 .04	3x
A080322500103	File Ster. 25mm	017 .04	3x
A080323100103	File Ster. 31mm	017 .04	3x

ProTaper Next® X2

A080022100203	File Ster. 21mm	025 .06	6x
A080022500203	File Ster. 25mm	025 .06	6x
A080023100203	File Ster. 31mm	025 .06	6x
A080322100203	File Ster. 21mm	025 .06	3x
A080322500203	File Ster. 25mm	025 .06	3x
A080323100203	File Ster. 31mm	025 .06	3x

ProTaper Next® X3

A080022100303	File Ster. 21mm	030 .07	6x
A080022500303	File Ster. 25mm	030 .07	6x
A080023100303	File Ster. 31mm	030 .07	6x
A080322100303	File Ster. 21mm	030 .07	3x
A080322500303	File Ster. 25mm	030 .07	3x
A080323100303	File Ster. 31mm	030 .07	3x

ProTaper Next® X4

A080022100403	File Ster. 21mm	040 .06	6x
A080022500403	File Ster. 25mm	040 .06	6x
A080023100403	File Ster. 31mm	040 .06	6x
A080322100403	File Ster. 21mm	040 .06	3x
A080322500403	File Ster. 25mm	040 .06	3x
A080323100403	File Ster. 31mm	040 .06	3x

ProTaper Next® X5

A080022100503	File Ster. 21mm	050 .06	6x
A080022500503	File Ster. 25mm	050 .06	6x
A080023100503	File Ster. 31mm	050 .06	6x
A080322100503	File Ster. 21mm	050 .06	3x
A080322500503	File Ster. 25mm	050 .06	3x
A080323100503	File Ster. 31mm	050 .06	3x

ProTaper Next® assortment X1 - X3

A08002219A003	Ass. File Ster.21	X1 - X3	6x
A08002259A003	Ass. File Ster.25	X1 - X3	6x
A08002319A003	Ass. File Ster.31	X1 - X3	6x
A08032219A003	Ass. File Ster.21	X1 - X3	3x
A08032259A003	Ass. File Ster.25	X1 - X3	3x
A08032319A003	Ass. File Ster.31	X1 - X3	3x

ProTaper Next® XA

A080321900A03	File Ster. 19mm	019 .035	3x
A080021900A03	File Ster. 19mm	019 .035	6x

ProGlider®

A092622100103	File Ster. 21mm	016 .02	6x
A092622500103	File Ster. 25mm	016 .02	6x
A092623100103	File Ster. 31mm	016 .02	6x
A092322100103	File Ster. 21mm	016 .02	3x
A092322500103	File Ster. 25mm	016 .02	3x
A092323100103	File Ster. 31mm	016 .02	3x

ProTaper® Universal retreatment D1 - D3

A141021600103	File Ster.D1	030 .09	6x
A141021800103	File Ster.D2	025 .08	6x
A141022200103	File Ster.D3	020 .07	6x
A141220090003	Ass. File Ster.	D1- D3	6x

NiTi Manual adaptors

A140900090000	Assorted Handle Adaptors		6x
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X-Smart Plus Motor



- The X-Smart Plus includes:
- 1 x Control Unit
 - 1 x Motor Handpiece
 - 1 x Contra-angle head (6:1)
 - 1 x Handpiece stand
 - 1 x Charger
 - 1 x Torque card
 - 1 x Directions for Use

A10320000000



Oven

Thermaprep®2 Oven for GuttaCore®

A 0176 2300 0200
A 0176 2300 0233
A 0176 1150 0200

EU (230V)
UK (230V)
(115V)

Paper Points



ProTaper Next® Paper Point X2 A 022Q 00000 200	180x sterile paper points
ProTaper Next® Paper Point X3 A 022Q 00000 300	180x sterile paper points
ProTaper Next® Paper Point X2 & X3 A 022Q 00090 000	90x sterile paper points X2 90x sterile paper points X3
ProTaper Next® Paper Point X4 & X5 A 022Q 00090 100	90x sterile paper points X4 90x sterile paper points X5

ProTaper Next® Conform Fit® gutta-percha



ProTaper Next® Conform Fit® gutta-percha X2 B00PNGPF000X2	60x gutta percha points
ProTaper Next® Conform Fit® gutta-percha X3 B00PNGPF000X3	60x gutta percha points
ProTaper Next® Conform Fit® gutta-percha X2 & X3 B00PNGPF000X23	36x gutta percha points X2 24x gutta percha points X3
ProTaper Next® Conform Fit® gutta-percha X4 & X5 B00PNGPF000X45	36x gutta percha points X4 24x gutta percha points X5

Obturator Blister



Gutta Core® Blister for PTN X2 A 1803B 004 25 00	6x
Gutta Core® Blister for PTN X3 A 1803B 004 30 00	6x
Gutta Core® Blister for PTN X4 A 1803B 004 40 00	6x
Gutta Core® Blister for PTN X5 A 1803B 004 50 00	6x

Obturator Pack



Gutta Core® Pack for PTN X2 A 1803P 004 25 00	30x (5 blisters)
Gutta Core® Pack for PTN X3 A 1803P 004 30 00	30x (5 blisters)
Gutta Core® Pack for PTN X4 A 1803P 004 40 00	30x (5 blisters)

CE 2797 Maillefer Instruments Holding Sàrl
Chemin du Verger 3 - 1338 Ballaigues
Switzerland
Phone: +41 (0)21 843 92 92
endo@dentsplysirona.com
dentsplysirona.com

CE 2797 DENTSPLY Tulsa Dental Specialties
DENTSPLY International, Inc.
608 Rolling Hills Drive
Johnson City, TN 37604, USA
Phone: 1-800-662-1202
dentsplysirona.com



files, gutta-percha points

GuttaCore®, paper points



Maillefer Instruments Holding Sàrl
Chemin du Verger 3 - 1338 Ballaigues
Switzerland
Phone: +41 (0)21 843 92 92
endo@dentsplysirona.com
dentsplysirona.com
files, gutta-percha points



DENTSPLY Tulsa Dental Specialties
DENTSPLY International, Inc.
608 Rolling Hills Drive
Johnson City, TN 37604, USA
Phone: 1-800-662-1202
dentsplysirona.com
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