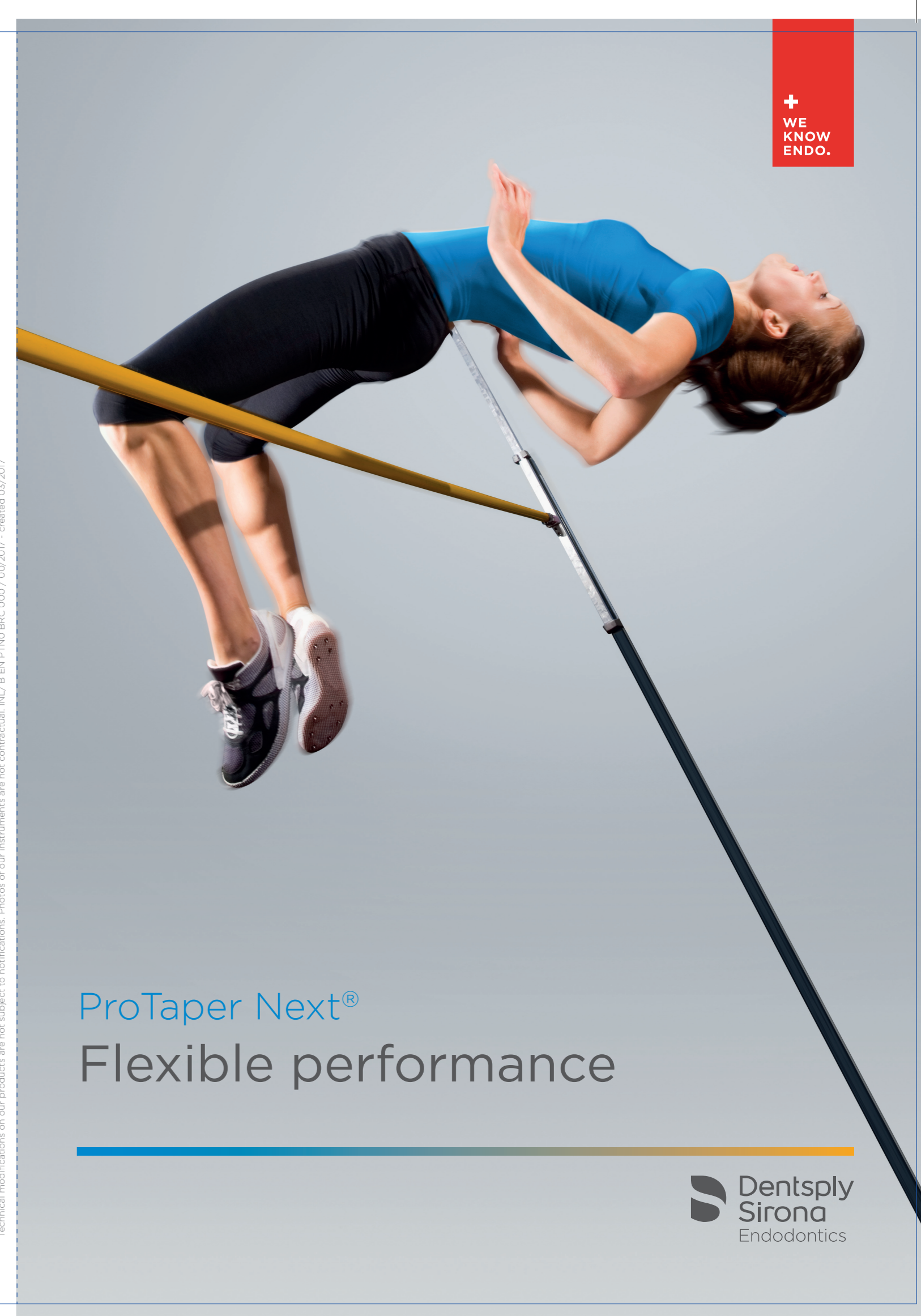
 Maillifer Instruments Holding Sàrl
Chemin du Verger 3 - 1338 Ballaigues - Switzerland
Phone: +41 (0)21 843 92 92 info@dentsplymaillifer.com
www.dentsplymaillifer.com

 **Dentsply
Sirona**
Endodontics

Technical modifications on our products are not subject to notifications. Photos of our instruments are not contractual. INL / B EN PTNO BRC 000 / 00/2017 - created 03/2017



 **WE
KNOW
ENDO.**

ProTaper Next® Flexible performance

 **Dentsply
Sirona**
Endodontics

**THE ProTaper®
PHILOSOPHY REMAINS**

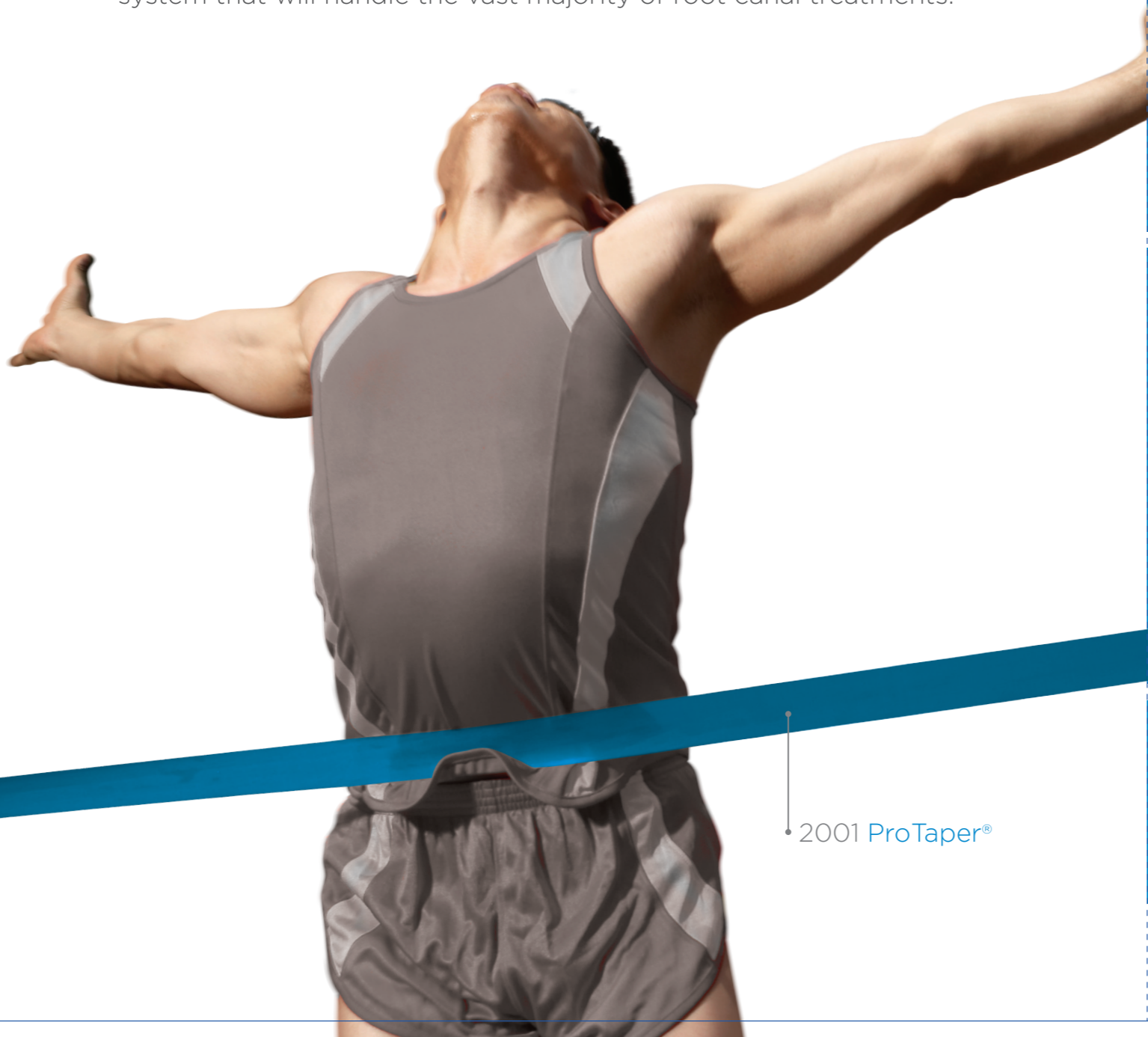
A SINGLE SEQUENCE
FOR ALL CLINICAL CASES

PROGRESSIVE TAPERS
FOR OPTIMIZED CROWN-
DOWN TECHNIQUE

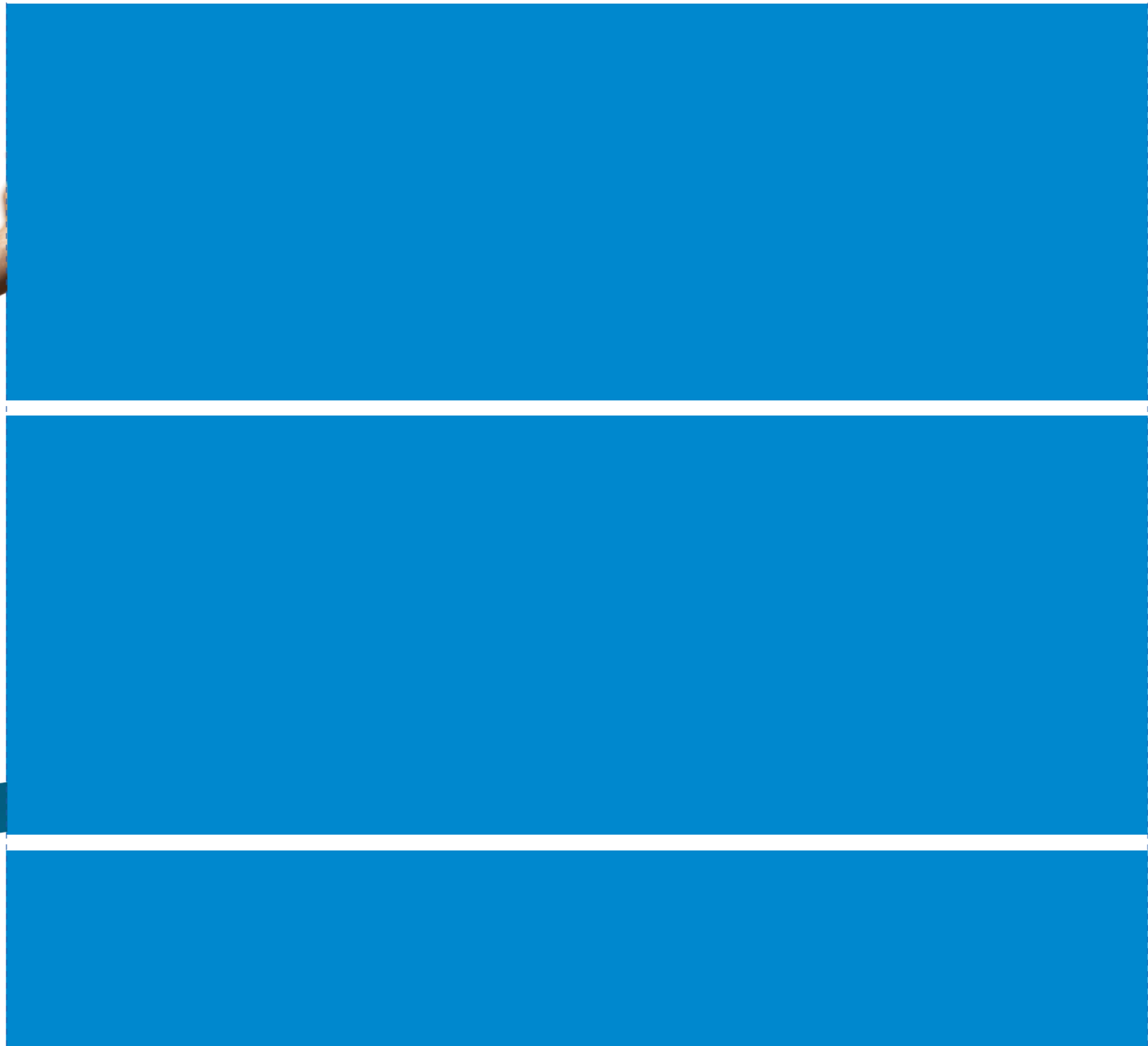
COMMONLY APPROVED
APICAL FINISHING
DIAMETERS

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.



2001 ProTaper®



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 and patient safety is essential to good endodontics.

...shortens the shaping time*

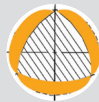
A shorter clinical sequence means that less time is spent changing instruments. The high cutting efficiency also reduces the shaping time. For the dentist, this is valuable time that can be used for other procedures, such as irrigation.

...improves debris removal

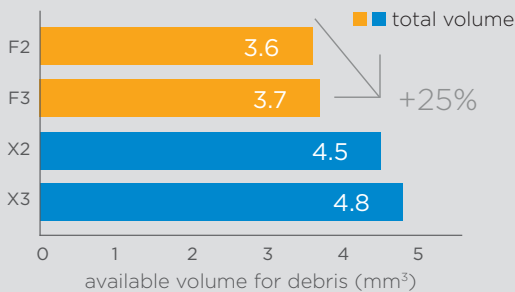
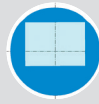
The unique off-centred rectangular cross section gives the file a snake-like swaggering movement and provides enlarged space for the debris.



ProTaper® Universal



ProTaper Next®



Source: Internal data

Next generation technology

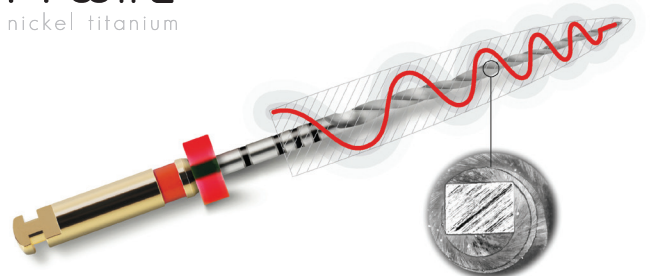
Swaggering Effect

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 rotation of the off-centred cross section generates enlarged space for debris hauling. Optimisation of canal tracking is also achieved due to the "swaggering effect".

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.

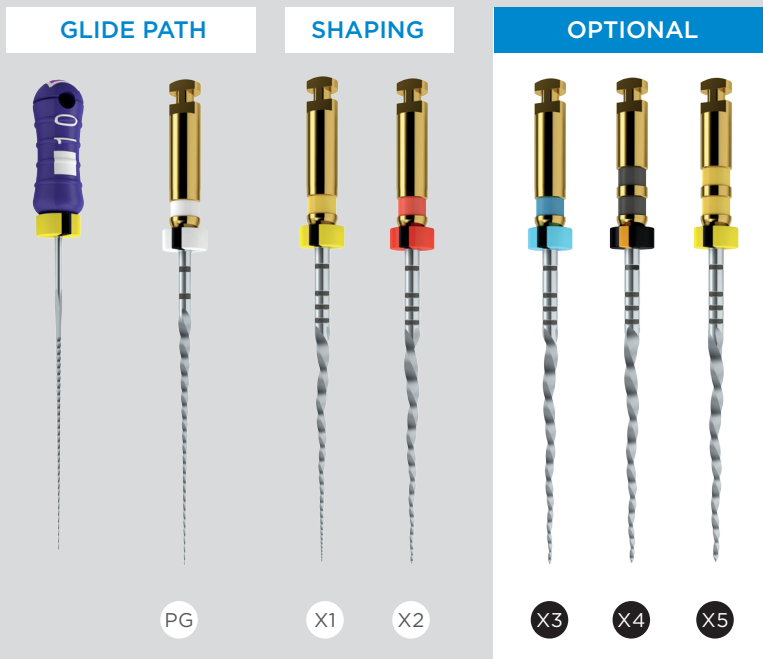

m-wire®
nickel titanium



• 2006 ProTaper® Universal

• 2013 ProTaper Next®

* Source: Internal lab data



ProGlider®

ProTaper Next®

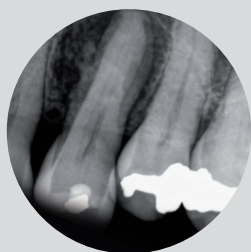
Motor Settings: 300 rpm / 2 - 5.2 Ncm

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.

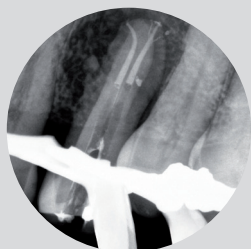


The next clinical outcome



PRE-OP

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

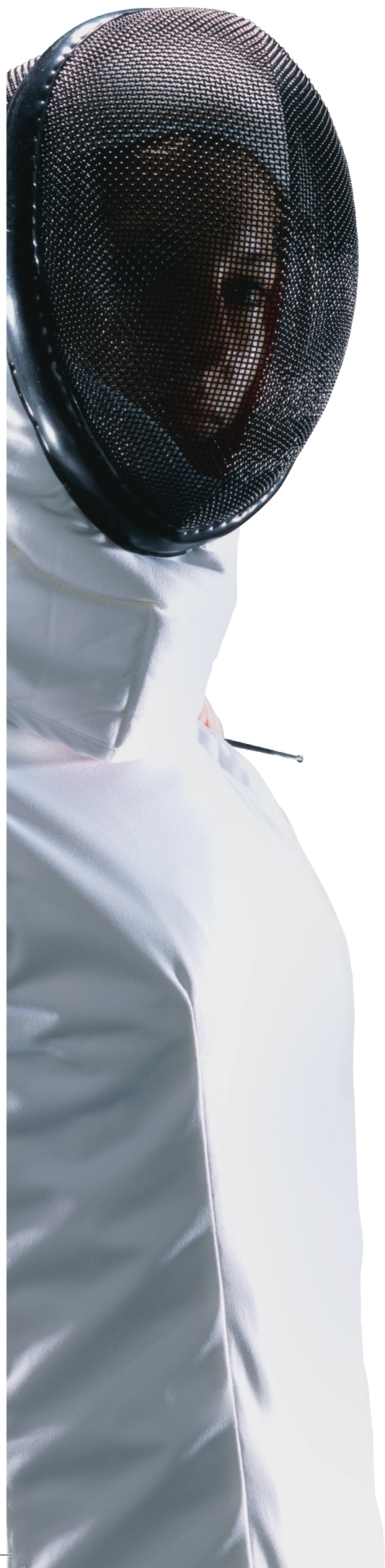


POST-OP

Obturation downpack image demonstrating two canals and five visible portals of exit sealed. ProTaper Next® provides predictable deep shaping preparations for confident and consistent 3D obturation regardless of obturation technique.

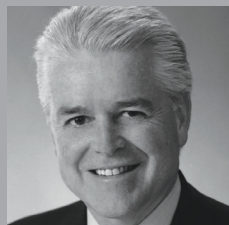
Courtesy of Dr. John West





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 exhibit signs of wear during normal use. They are also subject to cyclic fatigue, which is the main cause of file breakage during patient treatment. This increases dramatically with multiple use. Single use therefore reduces the risk of file breakage and thus increases patient safety.

Optimal cutting efficiency

Further research has shown that using endodontic files for multiple cases actually reduces their cutting efficiency, affecting the performance and satisfaction for both dentist and patient. With ProTaper Next®, there is no reduction in cutting efficiency, as a new instrument is used for each patient.

No risk for cross contamination

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

ProTaper Next®

Ready to go with a complete solution

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

TREATMENT



Shaping files

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



Glide path file

The recommended rotary glide path file for ProTaper Next® is the Dentsply Sirona ProGlider®.



Endo motor

The X-Smart IQ™ is a continuous and reciprocating motion cordless motor controlled by an Apple iOS® application developed by Dentsply Sirona Endodontics.

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® paper points match the size of the canals prepared with a ProTaper Next® file and are developed for a safe, rapid drying process of the canals. The paper points are provided sterile for patient protection.



ProTaper Next® gutta percha points match the size of the canals prepared with ProTaper Next® files allowing you to achieve rapid, precise master-cone obturation.



GuttaCore® for ProTaper Next® is the first obturator technology that uses a cross-linked gutta percha core. Crosslinking is a well-established scientific process that connects the polymer chains and transforms the gutta percha to make it stronger, while keeping its best features.



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

RETREATMENT

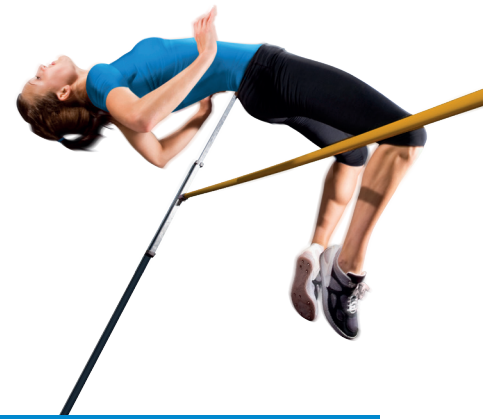


In the event of retreatment, ProTaper® Universal retreatment files are the recommended instruments for the obturation unfilling procedure.



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® 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® 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® XA

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



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



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 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® 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



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



NiTi Manual adaptors

A140900090000	Assorted Handle Adaptors	6x
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Endodontic Handpiece Set

Kit contains:
X-Smart IQ™ Motor Handpiece
X-Smart IQ™ Contra-angle

A10548000000



ProTaper Next® Starter Kit

Kit contains:
X-Smart IQ™ Motor Handpiece
X-Smart IQ™ Contra-angle
Endo IQ™ iPad Mini™ Protective Case
10 blisters ProTaper Next® Assortment X1-X3, 25mm (30 files)
1 blister ProGlider®, 25mm (3 files)

A10542000000





Oven

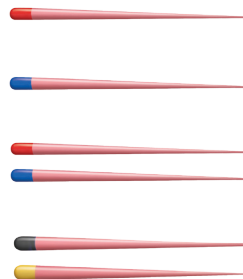
Thermaprep®2 oven	
A 0176 2300 0200	EU (230V)
A 0176 2300 0233	UK (230V)
A 0176 1150 0200	(115V)

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

Gutta Percha Points



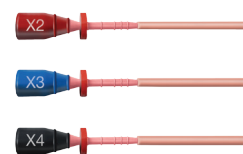
ProTaper Next® Gutta Percha Points X2	
A 0220 00000 200	60x gutta percha points
ProTaper Next® Gutta Percha Points X3	
A 0220 00000 300	60x gutta percha points
ProTaper Next® Gutta Percha Points X2 & X3	
A 0220 00090 000	30x gutta percha points X2 30x gutta percha points X3
ProTaper Next® Gutta Percha Points X4 & X5	
A 0220 00090 100	30x gutta percha points X4 30x 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)