

ENDODONTICS



THE SAME FLEXIBILITY AND SAFETY AS ALWAYS

once again in your hands

PROCLINIC EXPERT MULTI-TAPER FILES

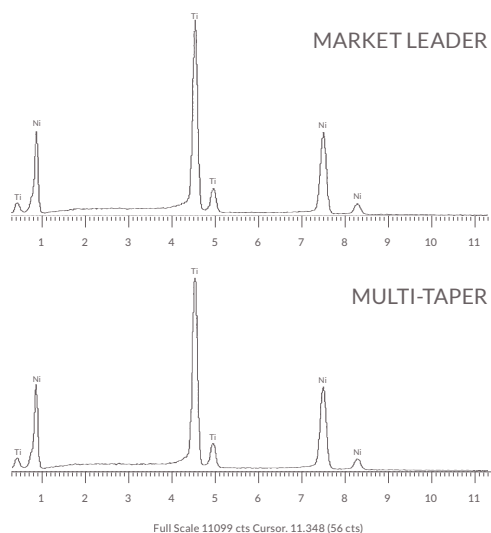
Quality and Efficacy

Proclinic Expert Multi-taper files ensure high performance in endodontics thanks to their greater resistance and effectiveness and to their small handle for easier access to the molars.

EXCELLENT PERFORMANCE

in all types of canal.

EDX analysis of the base material of the
Multi-taper file VS Market leader.



The chemical composition of the Multi-taper file material was assessed semi-quantitatively by performing a scanning electron microscope (SEM) inspection, and based on the corresponding EDX spectra. The spectrum obtained for the file studied is shown in the above figure. The values indicate that the composition of the material is very similar to that of the leading files in the market.



IMPROVED ACCESSIBILITY

Their smaller handle, **just 11 mm in length**, improves accessibility by the **Multi-taper** file to all the teeth.

Other files in the
market
13 mm

Proclinic Expert
Multi-taper file
11 mm

SAFE, RELIABLE GEOMETRY

The design of each **Multi-taper** file has been studied and guarantees the safety and performance required for all canal treatments.

F1 31 MM FILE

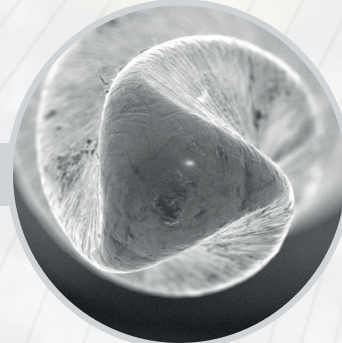
SEM
(Scanning Electron Microscope) PHOTOS



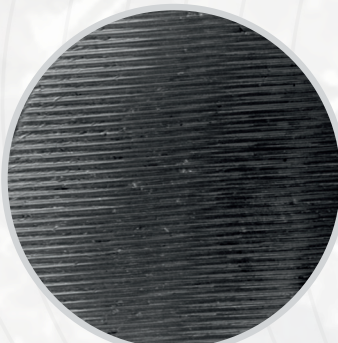
Close-up of blunt tip.
300 μ m. 260 x



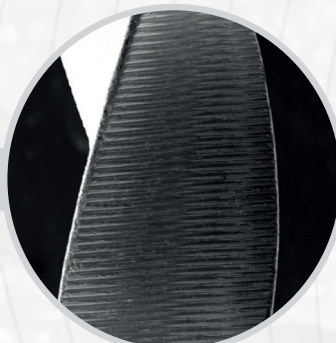
Close-up of blunt tip.
300 μ m. 260 x



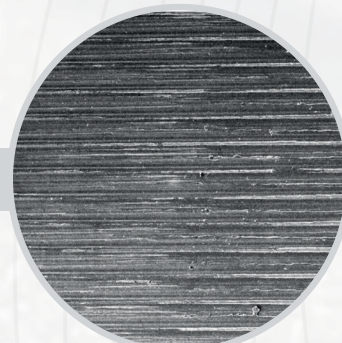
Close-up of blunt tip.
80 μ m. 1000 x



Close-up of surface machining
marks.
300 μ m. 260 x



Close-up of cross-section away
from the tip. 300 μ m. 260 x



Close-up of surface machining
marks. 80 μ m. 1000 x

STERILE BLISTER PACKAGING

Significant saving
of time, as no prior
sterilisation is
required.



PROCLINIC EXPERT MULTI-TAPER FILES

Validated by experts



"After performing several endodontics treatments using the Proclinic Expert system, the difference in comparison with other systems is practically negligible. An easy system, a soft touch and an efficient cut, offering optimal results."

Dr Hipólito Fabra Campos

Doctor of Medicine and Surgery. Stomatologist.
Private practice in Endodontics at Clínica Fabra.

Dr M^a Victoria Chordá Martínez

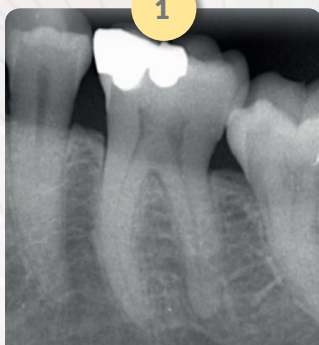
Odontologist.
Private practice in Endodontics at Clínica Fabra.

ACCESS TO AN
ADDITIONAL
CASE ON VIDEO

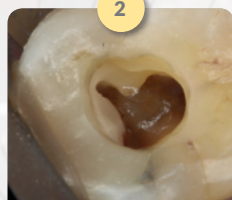


Dr Hipólito Fabra
Dr Victoria Chordá

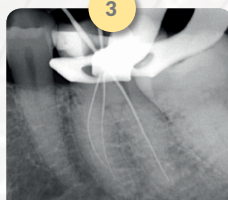
CLINICAL CASE SEEN AT CLÍNICA



Initial X-ray of tooth 36 to which a root canal procedure is to be performed due to irreversible pulpitis.



The opening made in the crown to reach the pulp chamber floor allows for the opening of the main canals to be identified. At the bottom is the pulp chamber floor.



Conductometry taken from mesial to determine the working length of the canals.



Widening of the canal opening with the SX file for better access.



Finishing file F1, no. 20, to the working length.



Dr Francisco Melgar Meléndez
Clínica Melgar Anguix, Valencia.

"I like them because they were very easy to use in both wide and narrow canals and because of their flexibility and cutting and remodelling capacity."

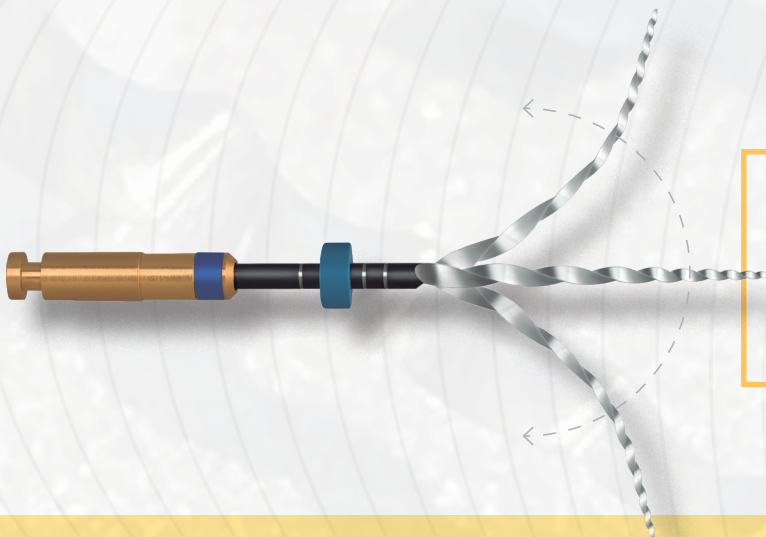
OVER 50 TESTS
IN CLINICS
CONFORM:

72.7%
VERY GOOD FLEXIBILITY

8 out of every 11 doctors gave flexibility a score of over 4, with 5 being the highest.

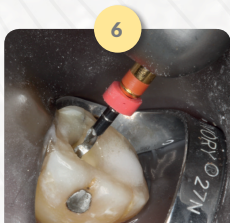
80%
EXCELLENT HANDLING

8 out of every 10 gave their handling the highest score: excellent.

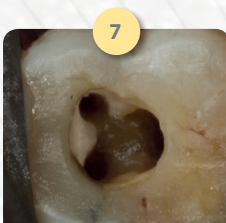


The safety of the rotary file is increased thanks to **INCREASED FLEXIBILITY**, which is essential in finishing files.

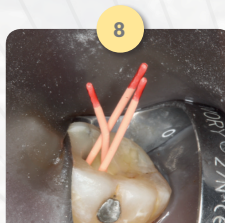
CA FABRA



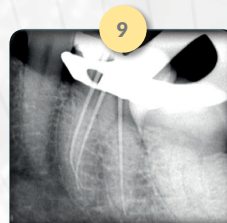
Finishing with finishing file F2, no. 25, to the working length.



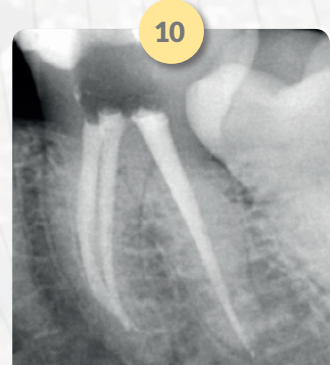
Close-up of the three prepared canals in a photo of the pulp chamber floor.



The gutta-percha points located in each of the prepared canals.



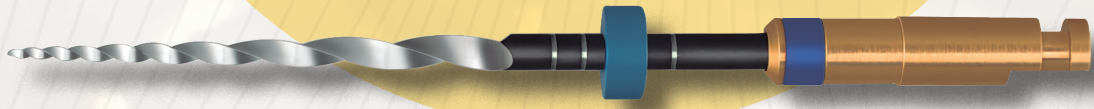
Cone-beam X-ray taken from mesioradial.



Final X-ray of canal obturation.

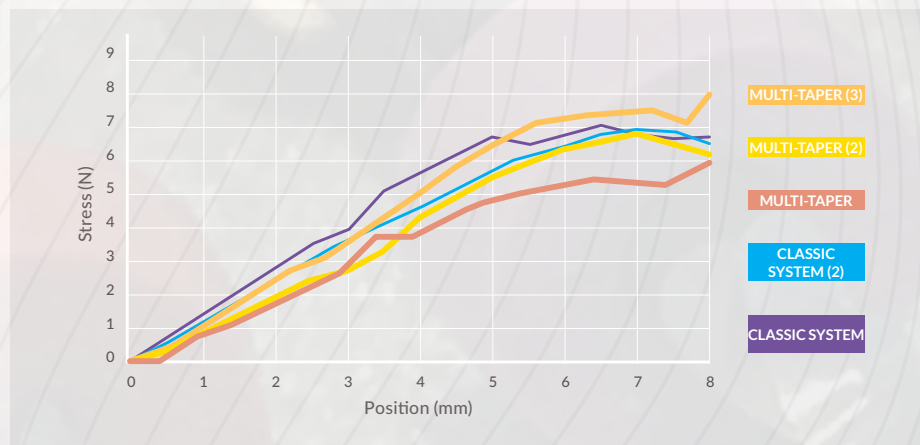
PROCLINIC EXPERT MULTI-TAPER FILES

Flexibility and Safety



Proclinic Expert Multi-taper files are especially designed to offer the flexibility of always and the utmost safety during treatment.

EXCELLENT FLEXIBILITY



TECHNICAL REPORT PRODUCED AT:
UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH
Departament de Ciència dels Materials
i Enginyeria Metal·lúrgica
CIEFMA Centre d'Integritat Estructural
i Fiabilitat dels Materials

Bending tests with different samples subjected to different stresses (N = Newtons) to assess their displacement and shape recover capacity (mm).

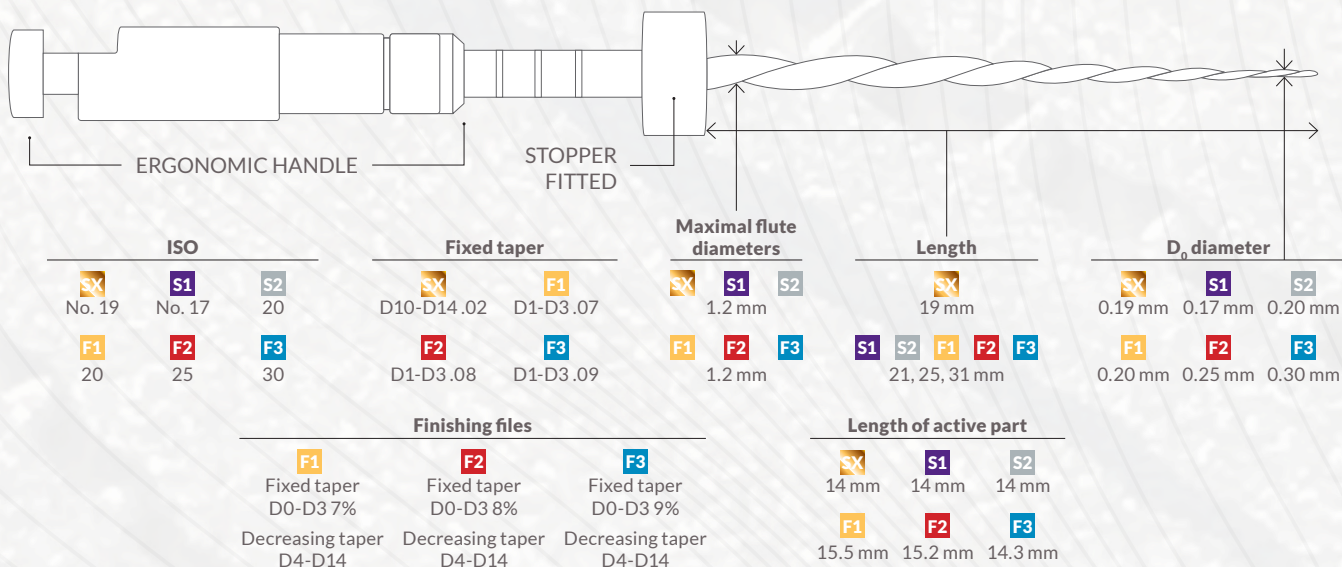
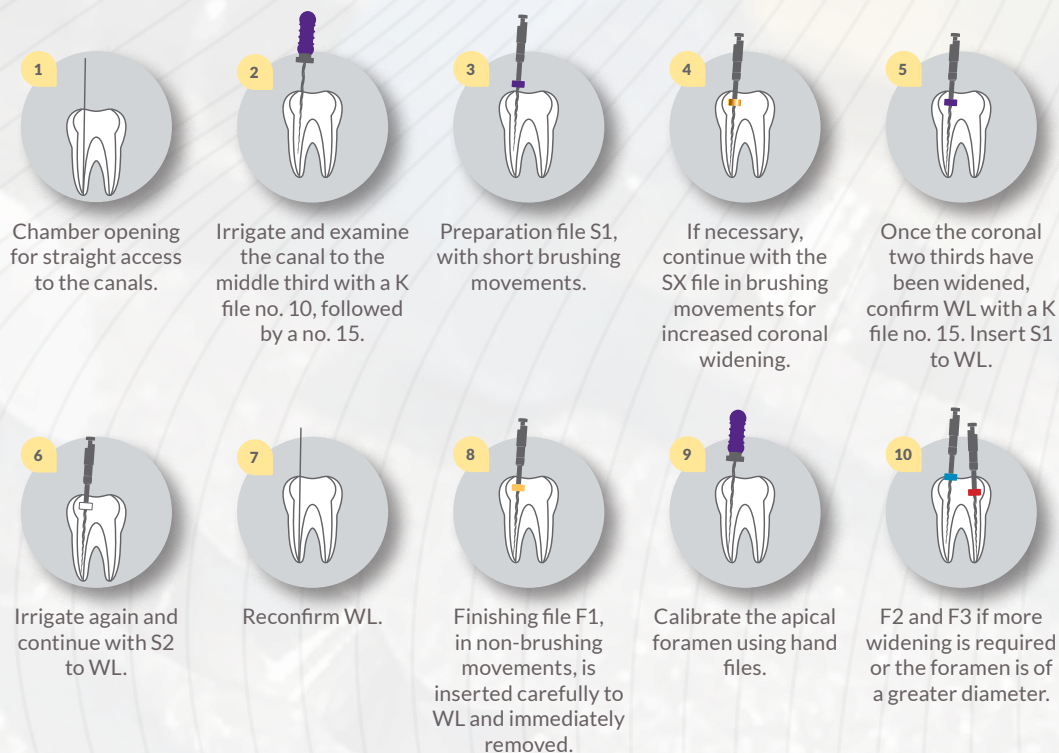
All the files completely recovered their original shape, with similar values of flexibility and resistance to the bending stresses, as shown by the overlapping of the curves for each sample.

BLUNT NON-CUTTING TIP
to minimise deviations in the canal, as each instrument follows the already worked canal.

SAFE AND PRECISE
Canal shaping.

PROCLINIC EXPERT MULTI-TAPER FILES

Sequence of use



PROCLINIC EXPERT



MULTI-TAPER FILES

DESCRIPTION	SIZE	QUANTITY	ASSORTMENT	REF.
MULTI-TAPER FILE STARTER KIT	21 mm	5	SX - S1 - S2 - F1 - F2	63980
MULTI-TAPER FILE STARTER KIT	25 mm	5	SX - S1 - S2 - F1 - F2	63981
MULTI-TAPER FILE STARTER KIT	31 mm	5	SX - S1 - S2 - F1 - F2	63982
 MULTI-TAPER FILES SX	19 mm	5		63983
 MULTI-TAPER FILES S1	21 mm	5		63984
MULTI-TAPER FILES S1	25 mm	5		63985
MULTI-TAPER FILES S1	31 mm	5		63986
 MULTI-TAPER FILES S2	21 mm	5		63987
MULTI-TAPER FILES S2	25 mm	5		63988
MULTI-TAPER FILES S2	31 mm	5		63989
 MULTI-TAPER FILES F1	21 mm	5		63990
MULTI-TAPER FILES F1	25 mm	5		63991
MULTI-TAPER FILES F1	31 mm	5		63992
 MULTI-TAPER FILES F2	21 mm	5		63993
MULTI-TAPER FILES F2	25 mm	5		63994
MULTI-TAPER FILES F2	31 mm	5		63995
 MULTI-TAPER FILES F3	21 mm	5		63996
MULTI-TAPER FILES F3	25 mm	5		63997
MULTI-TAPER FILES F3	31 mm	5.		63998

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