



Pre
Treatment



Intra
Treatment



Post
Treatment

CLINICAL CASE

CLINICAL BENEFITS

**A flexible, controlled rotary experience
for challenging canal anatomy**

CURVED & COMPLEX CANALS:

Pre-curved, controlled-memory behaviour helps the file adapt to challenging canal curvature and hard-to-reach anatomy.

CONTROLLED CANAL SHAPING:

The combination of flexibility, geometry and a non-cutting safety tip is designed to support controlled progression while maintaining the canal path.

EFFICIENT DEBRIS EVACUATION:

The S-shaped geometry is designed to facilitate cutting and debris removal while progressing through the canal.

FASTER INSTRUMENT IDENTIFICATION:

Distinctive nano-coloured files make size and instrument identification easier during the clinical workflow, helping clinicians quickly differentiate instruments.

**BUILT FOR THE
CURVES.
ENGINEERED FOR
CONTROL.**

**EXPERIENCE NEXT-
GENERATION
ROTARY FILES**

KROWN
ULTRAflex™

For Enquiry:

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WHATSAPP US



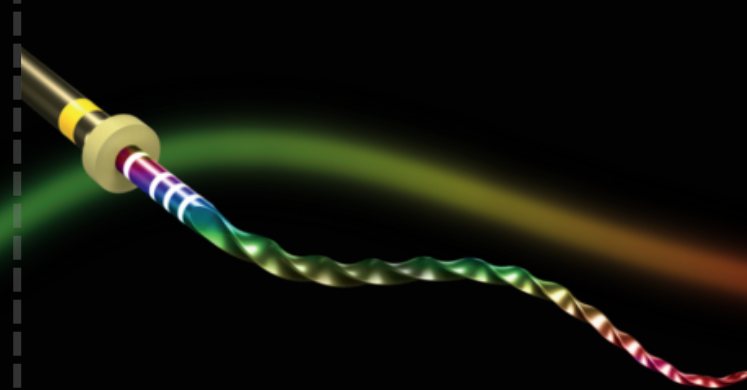
A brand of

NOVATRA
INTERNATIONAL

KROWN

ULTRAflex™

Advanced Nano Ti Endodontic Rainbow Files



NEXT-GENERATION ROTARY FILES

PRECISION • FLEXIBILITY • CONTROL

Why ULTRAflex™?

BEYOND THE COLOR

Advanced metallurgy. Smart geometry.
Controlled flexibility.

01 ADVANCED FLEXIBILITY

Designed to closely follow natural canal curvature while maintaining controlled handling.

02 HIGH CYCLIC FATIGUE RESISTANCE

Heat-activated NiTi / controlled-memory material processing is designed to improve resistance to repeated flexural stress in curved canals.

03 EFFICIENT CUTTING PERFORMANCE

Optimized geometry and sharp cutting edges support effective canal shaping and debris removal.

04 IMPROVED TORSIONAL RESISTANCE

Engineered to resist torsional locking while maintaining controlled tactile response

THE TECHNOLOGY

THE SCIENCE BEHIND ULTRAFLEX

01 HEAT-ACTIVATED NiTi

Special thermal processing enhances flexibility and controlled-memory behaviour while improving resistance to cyclic fatigue.

02 SLIM S-SHAPED GEOMETRY

A slim S-shaped cross-section is designed to balance cutting efficiency, debris removal and core flexibility.

03 NANO-COATED SURFACE

Advanced nano-coloured surface treatment provides distinctive visual identification and a smooth instrument surface.



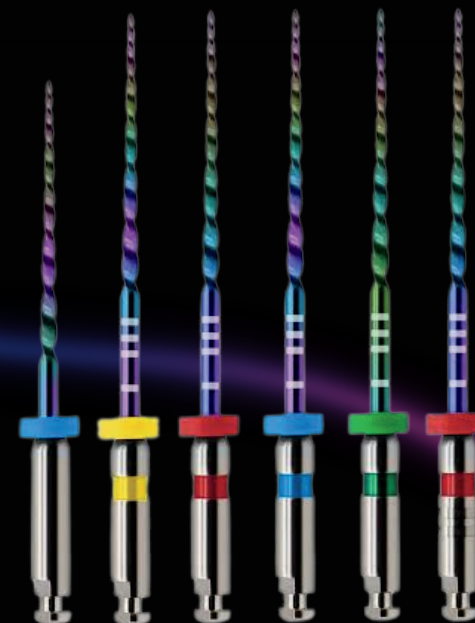
Engineered for Zero Compromise.

Cyclic Fatigue Resistance	+200% Lifespan Boost*
Rotational & Torsional Strength	35% Higher Torque Threshold*
Advanced Drag Reduction	30% Friction Decrease*
Edge Sharpness Preservation	2x Wear Resistance*

*Based on testing under controlled laboratory conditions. Individual results may vary

PRODUCT RANGE

CHOOSE YOUR ULTRAflex™



SIZES

19 mm	01/09
21 mm	15/04 • 20/04 • 25/04 • 30/04 • 20/06 • 25/06 • Assorted
25 mm	15/04 • 20/04 • 25/04 • 30/04 • 20/06 • 25/06 • Assorted
31 mm	15/04 • 20/04 • 25/04 • Assorted

TECHNICAL PARAMETERS

300 RPM **1.5 Ncm**

Coming Soon in ULTRAfex Range:

Path Files, Primary Files, Retreatment Files