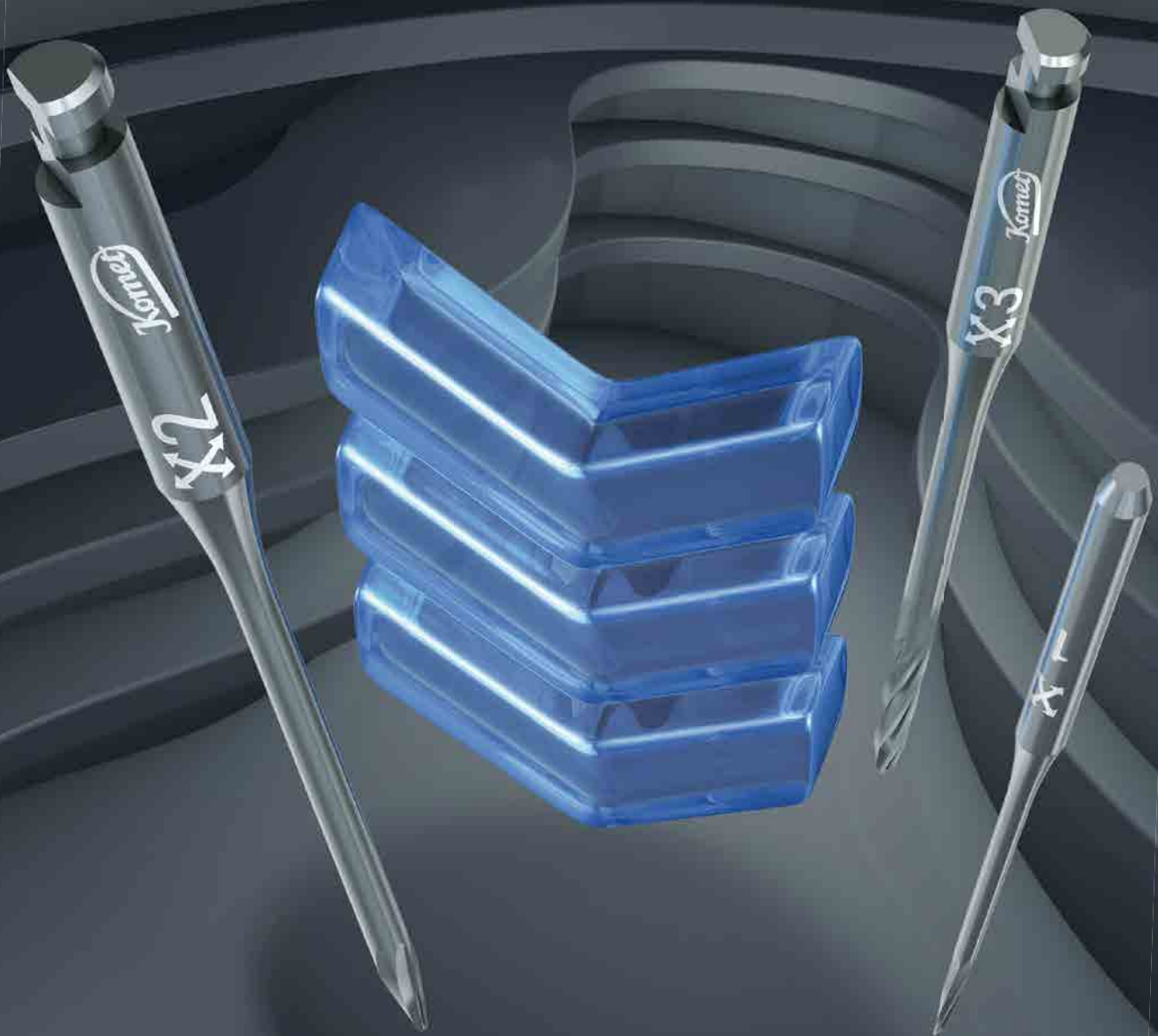




The **EndoExplorer**.
It puts You Way Ahead.





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As at January 2017



Form follows function.

A new instrument set for the ergonomic,
tissue-friendly primary and secondary
preparation of the endodontic access cavity.



In step with the spirit of the times – and beyond.

In the last few years, dental medicine – and endodontics in particular – have experienced a shift in paradigm towards minimally invasive treatments. The conservative creation of access cavities and small trepan openings allow maximum conservation of healthy dental substance. The chance of long-term success of endodontic treatments is greatly increased by minimizing the risk of tooth and root fracture.

The instruments of the EndoExplorer set are not only in step with the spirit of the times, they also set new benchmarks. Perfectly designed to suit the needs of microscope users, the innovative design of these instruments allows minimally invasive, perfectly controlled work during the creation of an endodontic access cavity.



A perfect view

The instrument design of the EndoExplorers is optimally adapted to the requirements of dentists that work with a microscope. The petite shape of the instrument head and its long, slim neck provide an unobstructed view of the site under microscopes with up to 20 x magnification.



Less pressure, more efficiency

The instruments of the EndoExplorer set are provided with a sharp, fast-cutting tooling. Like this, the dentist can remove substance almost entirely without pressure whilst efficiently shaping the access cavity.





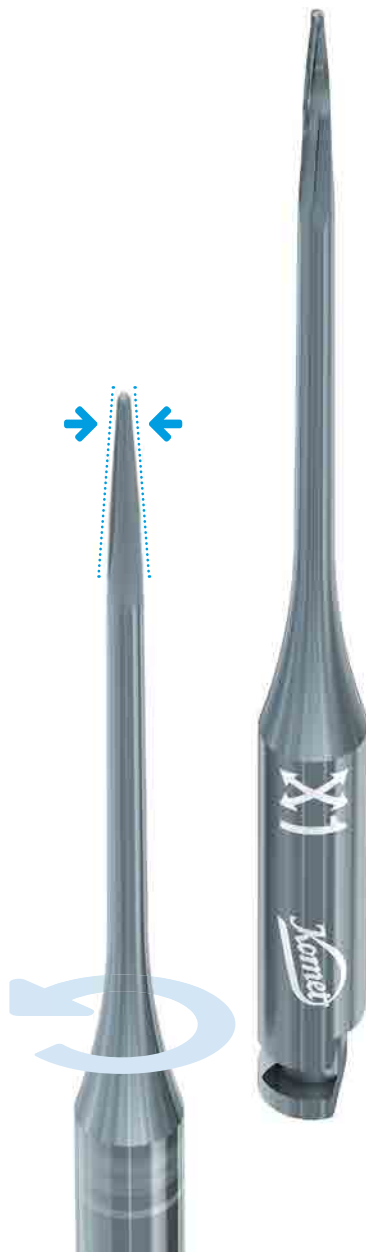
A new approach

The tapered head of the EndoExplorer instruments facilitates controlled guidance of the instruments, thereby combining the precise removal of hard dental substance with the conservation of precious cervical dentin. This minimally invasive approach improves the long-term prognosis of teeth after an endodontic treatment.



Concentric runout

The instruments contained in the EndoExplorer range are made entirely of tungsten carbide. This ensures maximum runout accuracy even after several uses and guarantees precise work under perfect control.



Dr. Hans-Willi Herrmann

Specialist for endodontics with dental office in Bad Kreuznach, Germany

The call for “Minimally invasive endodontics” is on everyone’s lips, but people often fail to see that this is not a revolutionary new demand. The desire to maintain as much dental substance as possible has always been considered one of the most important goals in sophisticated dentistry, but until now, there was no way of reliably putting this principle into practice. Help comes in the shape of the new EndoExplorer set. In combination with H1SML round burs and appropriate visual aids, these instruments allow the dentist to create the required endodontic access whilst saving as much substance as possible, true to the motto: “as little as possible, as much as necessary”. What’s more, the use of the subsequently used root canal instruments is neither limited nor jeopardized. Both types of instrument have gained a firm place in our Endo Workflow and have become an invaluable part of our daily work.

Step by Step.





Set 4664
EndoExplorer Starter kit

EndoExplorer system overview



EX1S.204.007
Total length: 27 mm



EX1.204.007
Total length: 31 mm



EX1L.204.007
Total length: 34 mm

\odot_{opt} 2.000 min⁻¹
 \odot_{max} 40.000 min⁻¹



EX2S.204.011
Total length: 27 mm

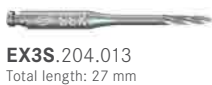


EX2.204.011
Total length: 31 mm



EX2L.204.011
Total length: 34 mm

\odot_{opt} 2.000 min⁻¹
 \odot_{max} 40.000 min⁻¹



EX3S.204.013
Total length: 27 mm

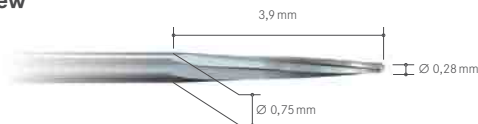


EX3.204.013
Total length: 31 mm



EX3L.204.013
Total length: 34 mm

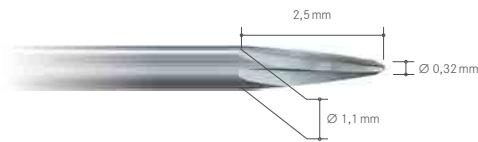
\odot_{opt} 2.000 min⁻¹
 \odot_{max} 40.000 min⁻¹



EX1.310.007
Total length: 31 mm

\odot_{opt} 10.000 min⁻¹
 \odot_{max} 160.000 min⁻¹

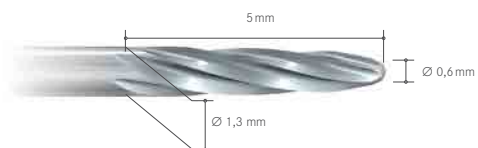
The FG version of the EX1 is particularly recommended for Endo specialists.



EX2.310.011
Total length: 31 mm

\odot_{opt} 10.000 min⁻¹
 \odot_{max} 160.000 min⁻¹

The FG version of the EX2 is particularly recommended for Endo specialists.



EX3.310.013
Total length: 31 mm

\odot_{opt} 10.000 min⁻¹
 \odot_{max} 160.000 min⁻¹

The FG version of the EX3 is particularly recommended for Endo specialists.

Indications of the EX1:

- Exposure of the anatomy of the pulp chamber floor
- Conservative opening of the root canal entrances
- Exposure of obliterated root canals
- Exposure of post and instrument fragments

Indications of the EX2:

- Removal of dentin during endodontic access preparation
- Removal of dentin overhangs in the region of the canal entrance
- Removal of guttapercha and sealer residues from the cavity walls after completion of the root filling

Indications of the EX3:

- Final trimming of the cavity walls

Komet Dental

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