

Endodontic Re-Treatments with

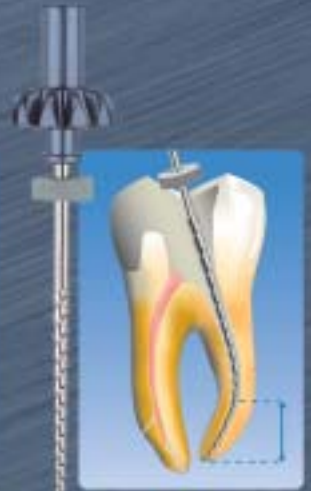
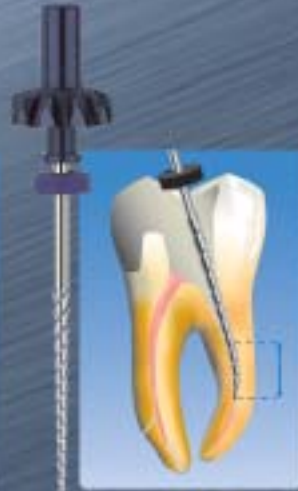
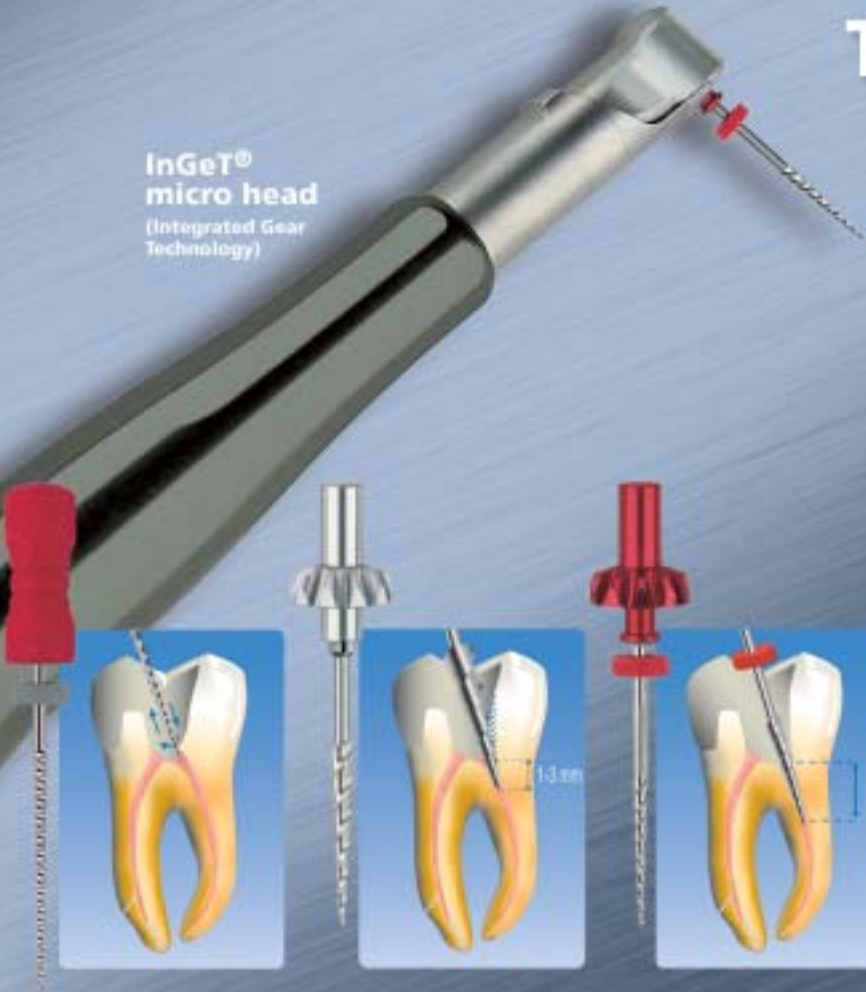
# R-Endo®

## GEARED FOR SUCCESS



The solution in  
**5**  
instruments!

InGeT®  
micro head  
(Integrated Gear  
Technology)



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*We invent,  
you succeed!*

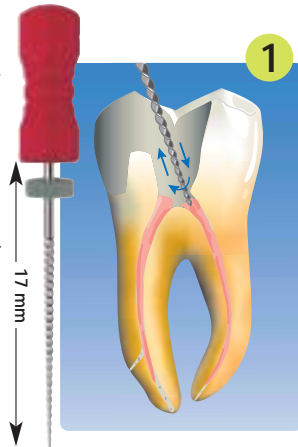
# R-Endo®

Succeed in Endodontic Re-Treatments!

## The method



1. Pre-operative X-ray.
2. Placing of rubber dam.
3. Removal of coronal restorations and radicular posts.
4. Access re-opening.
5. Visual and tactile analysis of filling material(s).
6. Solvent choice.

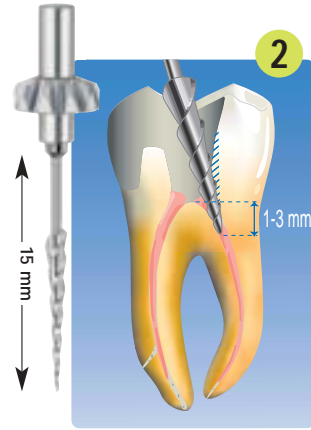


1

### Rm

Hand file  
Stainless steel  
.04 taper  
n°25  
Red manual handle  
Grey rubber stop

- 1/4 turn with pressure directed towards apex.
- Removal.
- Used to dig or break the hard layer of filling material.

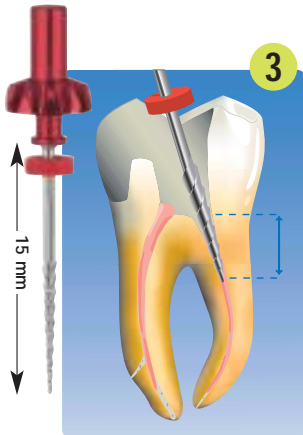


2

### Re

NiTi  
.12 taper  
n°25

- Canal penetration: 1 to 3 mm under pulp chamber floor without having to force the instrument.
- Apical pressure control, stop as soon as instrument requires force to penetrate.
- Circumferential filing.

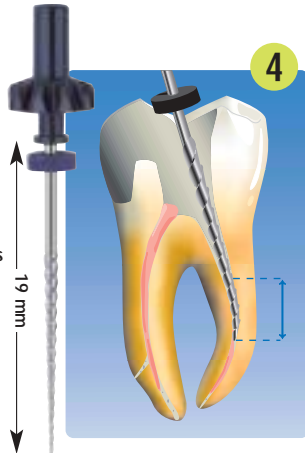


3

### R1

NiTi  
.08 taper - n°25  
Red handle  
Red rubber stop

- Canal penetration through repeated limited pushing actions in apical direction (push and retain).
- Preparation from the coronal third to the beginning of the middle third.

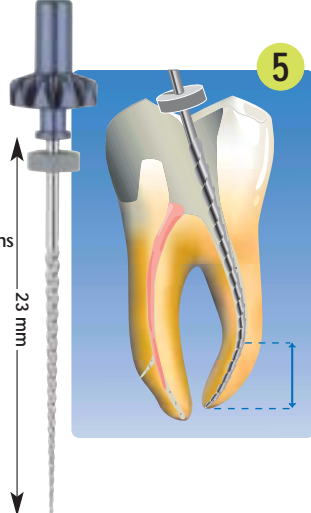


4

### R2

NiTi  
.06 taper - n°25  
Black handle  
Black stop

- Canal penetration through repeated limited pushing actions in apical direction (push and retain).
- Preparation from the middle third to the beginning of the apical third. Never pass the length reached with the MMC.



5

### R3

NiTi  
.04 taper - n°25  
Grey handle  
Grey rubber stop

- Canal penetration through repeated limited pushing actions in apical direction (push and retain).
- Insert R3 to WL or near WL according to the canal anatomy.

## The benefits

### A miniaturised head

- Very compact head: 6.5 mm diameter and 7.5 mm high.
- Increased visibility of the operative field.
- Better visibility of the instrument when it is inserted in the canal and a better vision of the instrument working. This is particularly interesting when treatment is made under magnification (magnifying loupe or microscope).
- Exceptional working comfort

### Ergonomics

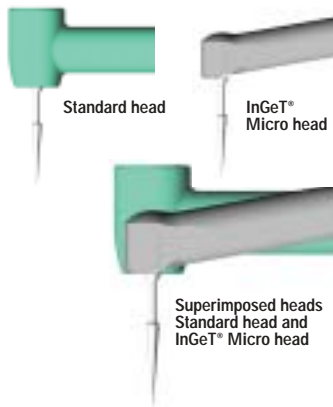
Excellent stability in the hand.  
Straight handle as an extension of the hand:

- Good tactile sensation.
- Easy access to the operating field.
- Better access to posterior teeth.
- Increased working accuracy.

A head angle especially designed for an excellent visibility and easier work in the most difficult access zones.  
Economy of movement due to the contra-angle / tray / files concept.

### Improved aseptis

- Easy fitting of the files on the contra-angle.
- No contact between fingers and files.
- A hollow head for a better hygiene.



## Advice and recommendations

- Medical examination / rubber dam / eye protection.
- Pre-operative analysis to decide the use of Rm and Re.
- NiTi rotary instrument technique must be mastered.
- Frequent solvent renewal.
- Use alternately solvent and NaOCl. The nearer you get to the apex use less solvent and more NaOCl.
- As soon as possible check the working length.
- If possible check the apical patency.
- At the end of the preparation, ensure the complete removal of the debris from the previous filling using an X-ray.
- In curved canals:
  - Same precaution as for any kind of NiTi instrument must be observed to avoid false canal creation.
  - Introduction of a pre-curved hand file MMC n°10 is necessary prior to penetration with R-Endo® files.

## Your distributor