



## Endo Rescue | Kit 4601

---



### For the removal of instrument fragments.

The fracture of an instrument during an endodontic treatment not only causes the dentist enormous stress, it also poses an increased risk of post-endodontic complications to the patient.

The removal of such fragments is often extremely difficult and almost impossible to plan. The Endo Rescue Kit provides a simple and systematic solution, providing access to the opening of the root canal and allowing the removal of the fractured instrument (rotary NiTi instruments).

Instrument fracture is most frequently caused by incorrect or insufficient preparation of the canal access or the access cavity, which is why the first step to rectify the situation is a correct and precise re-preparation of the access by means of conventional instruments.

- The use of an endodontic bur with non-cutting tip in size XXL is recommended to improve vision.

Once the canal opening has been relocated and access to the head of the fragment has been created, two specifically developed instruments allow to simplify a previously complicated act:

- A centre drill excavates the last few millimetres, allowing access to the fragment
- An extremely fine trepan bur is placed onto the fragment which is then seized by the bur and held in place by dentin residues. The fragment is then pulled out of the root in rotary motion.

This easy-to-handle instrument set is an indispensable aid which is immediately at hand in case of emergencies.

## Clinical sequence

1. Initial situation. Fragment of a fractured instrument in a mesial root.

2. Reshaping of the access cavity.

**H269GK.315.016** ⌚<sub>opt.</sub> 100.000 rpm

3. The coronal curvature is straightened with axial movements to create direct access to the fragment.

**G180A.204.110** ⌚<sub>opt.</sub> 800 rpm

4. Preparation of the access right down to the fragment.

**G180.204.090** ⌚<sub>opt.</sub> 800 rpm

5. Exposure of the fractured surface by drilling around the fragment.

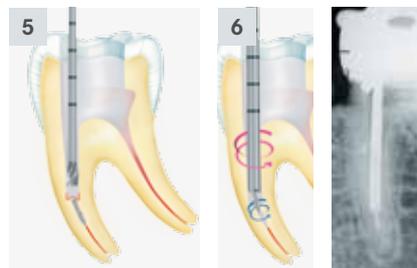
**RKP.204.090** ⌚<sub>opt.</sub> 300 rpm

6. The fragment is surrounded and seized. **Anti-clockwise rotation.** Removal of the fragment which is firmly held in the trepan bur by the residues of dentin.

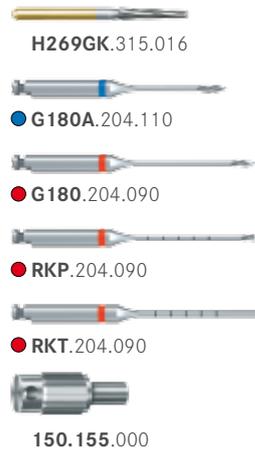
**RKT.204.090** ⌚<sub>opt.</sub> 300 rpm

7. The last third can now be correctly prepared.

8. Final situation after filling.



### Endo Rescue Kit 4601



### Also available in size 070:



### Also available in size 110:

