



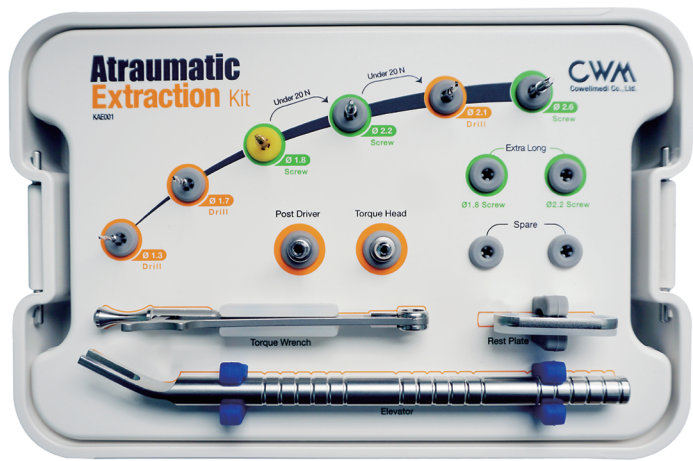
Used for the immediate and effortless extraction of the root of the tooth with simple procedures.

Atraumatic Extraction Kit



Atraumatic Extraction Kit [KAE001]

> Used for the immediate and effortless extraction of the root of the tooth with simple procedures.



(1) Diversity

A root extraction can be done regardless of whether residual amount of root is large or small.

(2) Safety

A root extraction without the risk of damaging adjacent teeth is possible using the Rest Plate, Elevator etc.

(3) Convenience

A very simple and convenient root extraction is possible, compared to the existing extraction method.

(4) Reduced Procedure Time

The procedure time is reduced due to the simple procedure.

Composition

Extraction Drill & Screw



Elevator



Rest Plate



Torque Wrench



Post Driver



Torque Head



1. Extraction Drill

> The Extraction Drill is composed of three types of Drills (Ø1.3 / Ø1.7 / Ø2.1) that can be selected according to the case.

Ø1.3 Drill



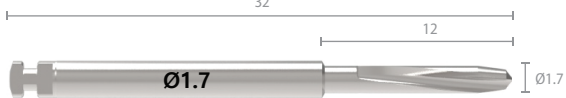
Code	KAAD13
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Ø2.1 Drill



Code	KAMD21
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Ø1.7 Drill



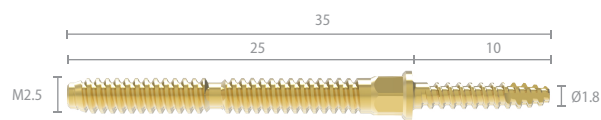
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2. Extraction Screw

> The Extraction Screw is fastened into the hole that was created by the Extraction Drill via the Screw method, and it is stably fixed to the remaining root. It is composed of the Ø1.8 / Ø2.2 / Ø2.6 Screws that can be selected according to the Extraction Drill.

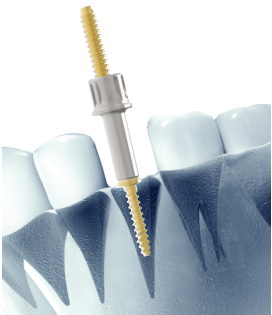
> The Ø1.8 Screw is used for vital root of which canal is not treated, after using the Ø1.7 Drill.

Ø1.8 Screw

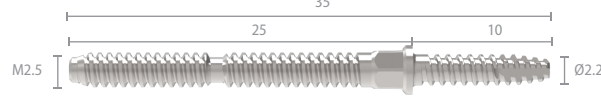


Code	KAAS16	* KAAS16X
Length	10	15

* Extra product

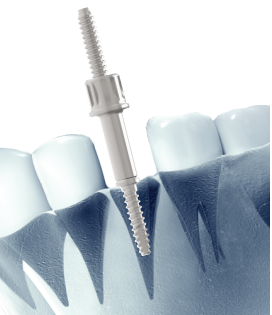


Ø2.2 Screw

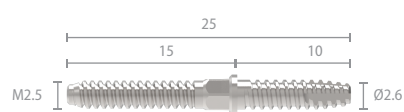


Code	KARS20	* KARS20X
Length	10	15

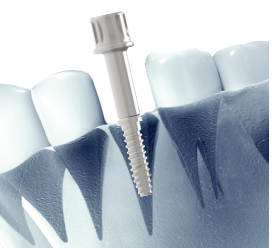
* Extra product



Ø2.6 Screw

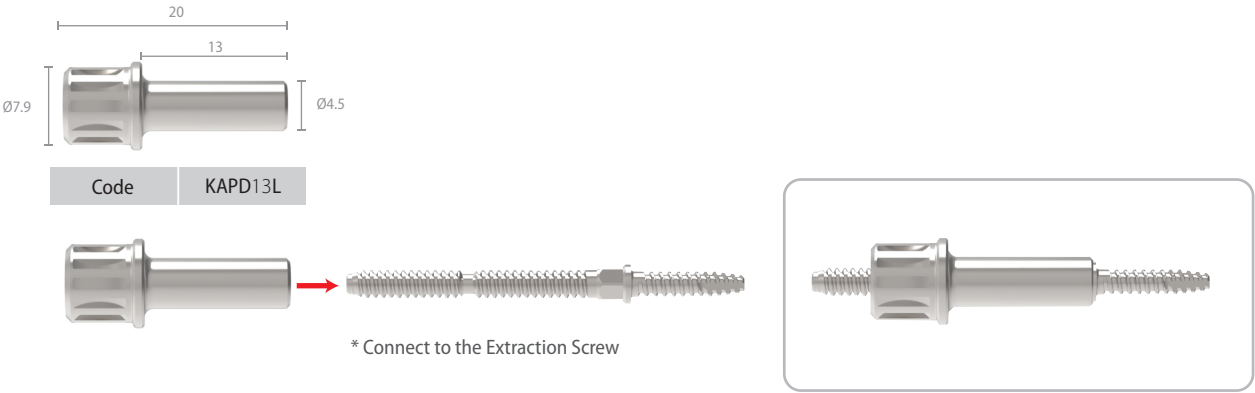


Code	KAMS25
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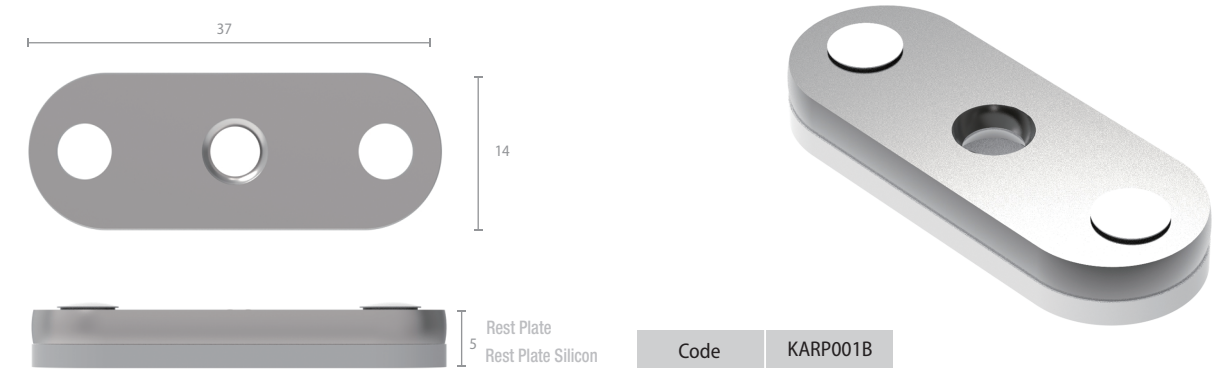
3. Post Driver

> After connecting the Post Driver to the Extraction Screw, turn the Torque Wrench in a clockwise direction in order to fix it to the hole that was created by the Extraction Drill (recommended torque : 30 N.cm or more).



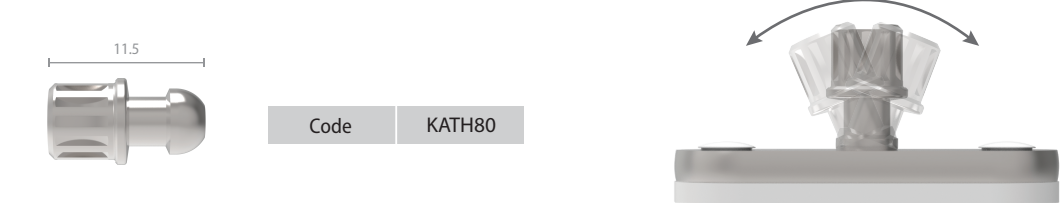
4. Rest Plate

> The Rest Plate is connected between the Extraction Screw and the Torque Head. It protects the part with silicon that comes into direct contact with the adjacent teeth in order to prevent teeth damage. It also serves as a support for the Elevator and Torque Wrench.



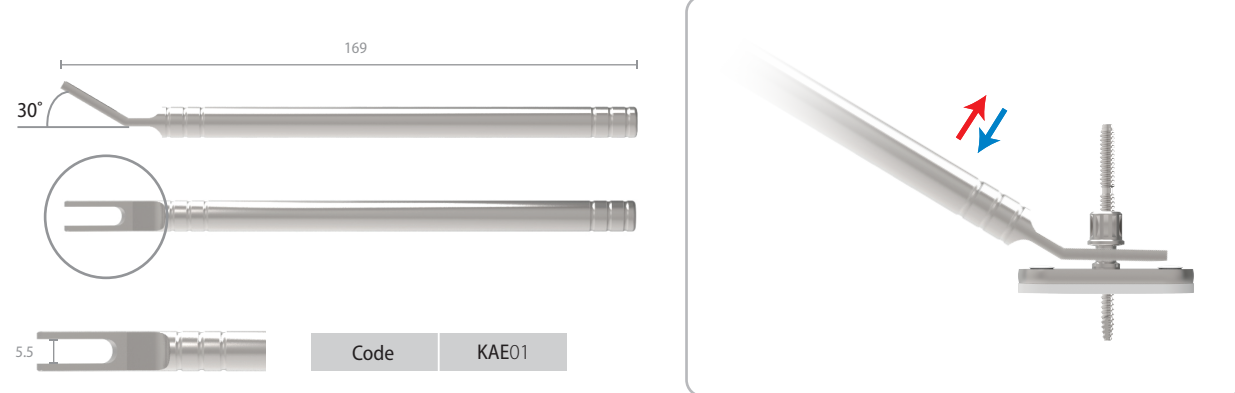
5. Torque Head

> The Torque Head is connected to the Extraction Screw that is fixed in the tooth to be extracted. It fixes the gap of the Rest Plate and it can be used with the Elevator.
> If the root to be extracted has both distal and mesial adjacent teeth, it will be extracted with the Torque Wrench (recommended torque : 100 N.cm or less).



6. Elevator

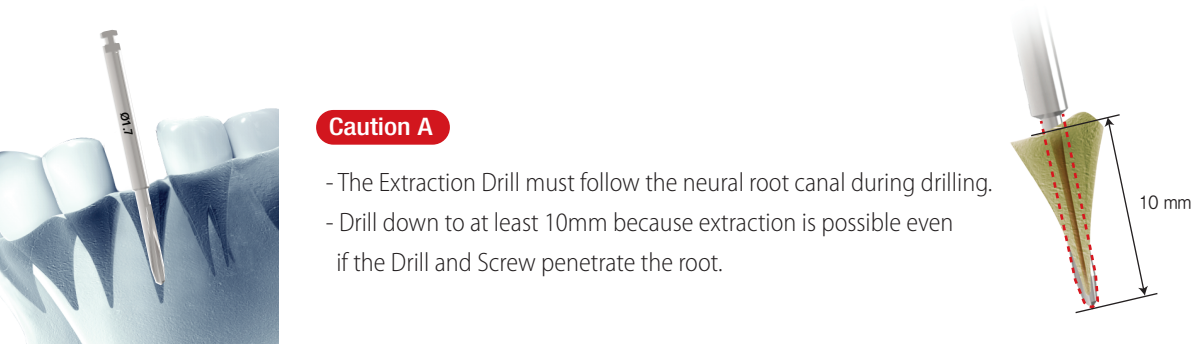
> The Elevator is used by connecting it with the Torque Head and extracting the root by applying force toward a distal or mesial direction.



How to Use

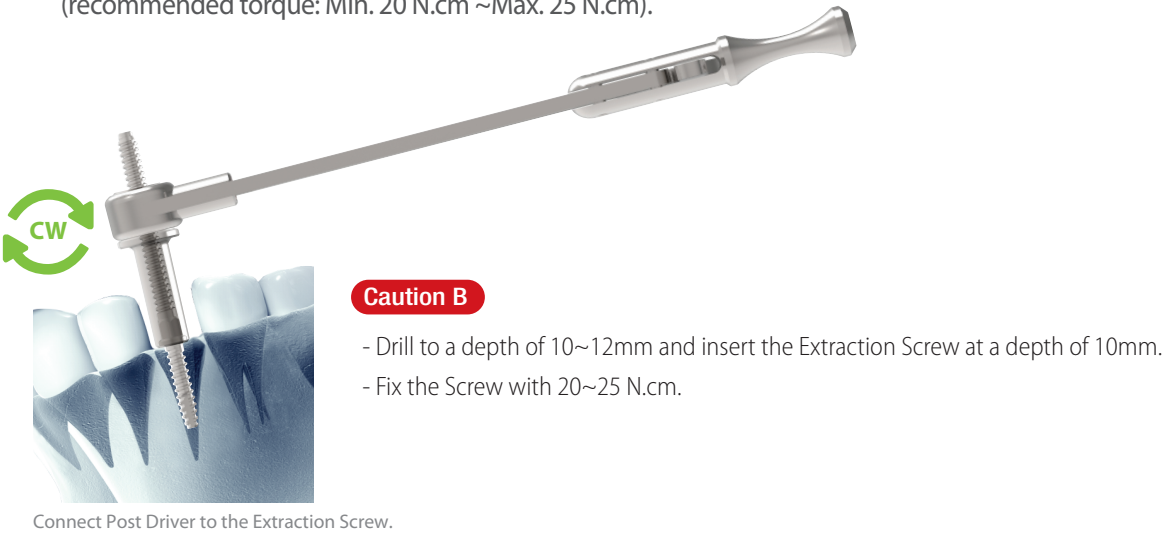
1. Extraction Drill

Create a hole on the tooth to be extracted using the Extraction Drill.



2. Extraction Screw

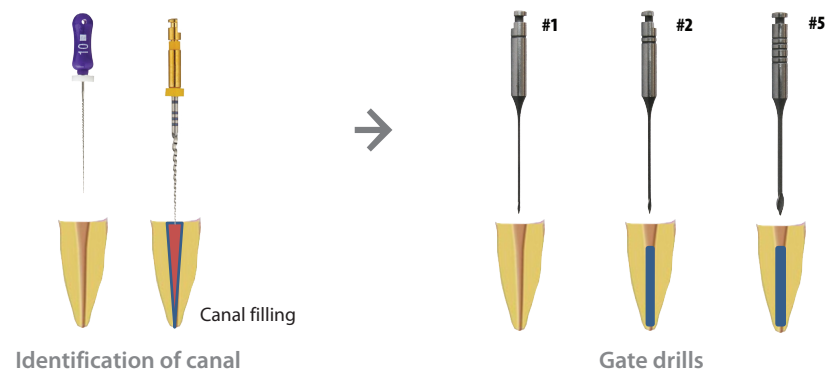
Connect the Extraction Screw to the Post Driver and fix it to the hole created by rotating it clockwise (recommended torque: Min. 20 N.cm ~Max. 25 N.cm).



Connect Post Driver to the Extraction Screw.

* Drilling Sequence

Root Canal Preparation



Atraumatic Extraction kit

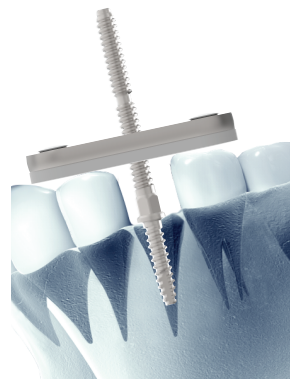


Caution C

- Fix the screw with a torque of 20~25 N.cm. If it is not applied, use a thicker Screw.
- The low torque force causes the Screw to fall out during the extraction, and the over torque force fractures tooth root.

3. Rest Plate

After removing the Post Driver, connect a Rest Plate to the Extraction Screw by taking into account the adjacent teeth.



Rest Plate

4. Torque Head

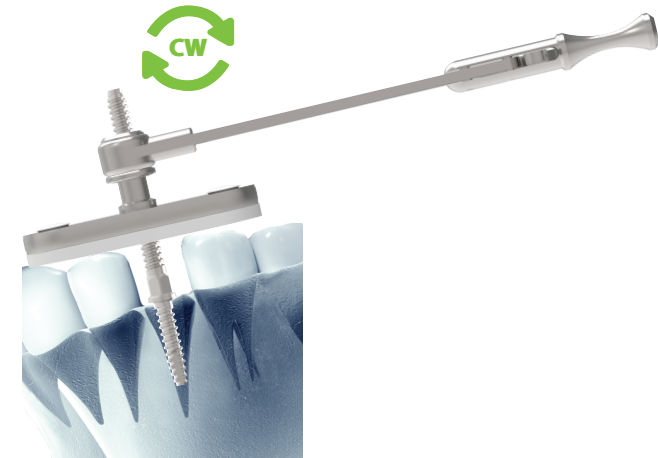
Connect the Torque Head to the Extraction Screw projected above the Rest Plate by rotating it clockwise.



Connect Torque Head to Screw

5. Torque Wrench

Extract the tooth by rotating the Torque Head clockwise using the Torque Wrench.



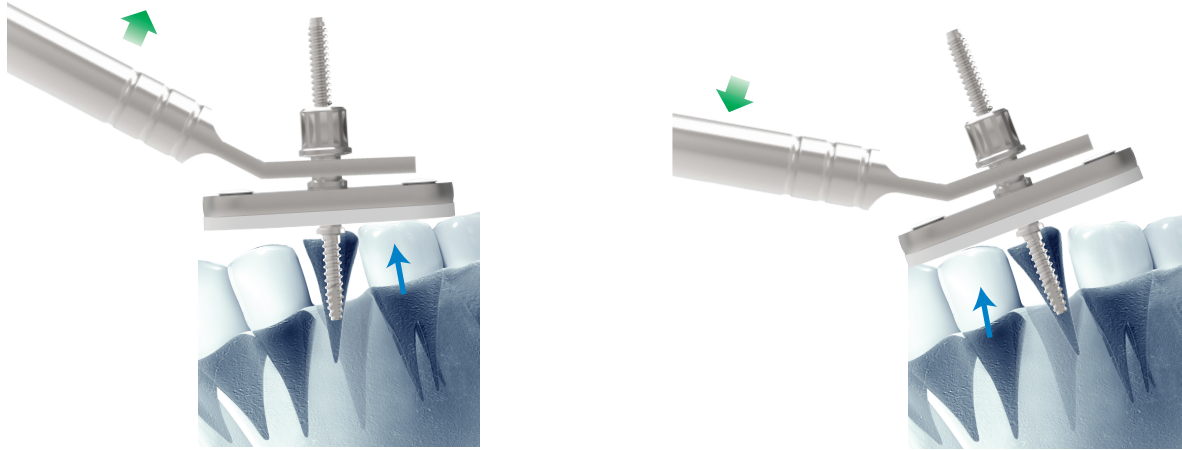
Extraction Root

Caution D

- Extraction using the Torque Wrench is possible in a root with mesiodistal root.

Caution E

- If there are adjacent teeth with 2 or higher swaying degrees, upward pulling or downward pressing should be applied using the Elevator so that the teeth will not receive force during extraction.



Caution F

- If there is an adjacent tooth projected to the mesiodistal root, it must be extracted using the Elevator.

Atraumatic Extraction Kit

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