

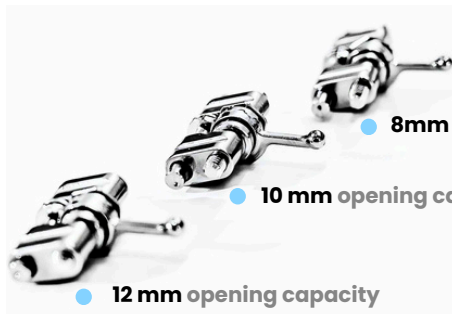
Better Patient Dentist Relationships

The device's user-friendly design not only boosts satisfaction during initial encounters, but also reduces fear and helps prevent dental anxiety. Establishing a positive connection with patients during dental visits promotes regular attendance, creating a supportive and stress-free environment for a more inclusive dental experience throughout their lives.

Treatment for all

The design of the KKE improves the overall treatment experience for patients. This is especially significant for children facing physical or cognitive challenges, promoting inclusivity in dental care. Patients may avoid the current method due to complications; the KKE offers them a choice.

3 Sizes



● 8mm opening capacity

● 10 mm opening capacity

● 12 mm opening capacity

FAQ



● Can you reverse it?

Yes, you can use the reversing kit.



● Does it irritate the tongue and impair speech?

No, because of its small size it does not create discomfort, and the arm doesn't get in the way of the tongue.

● Can the patient activate the KKE by themselves?

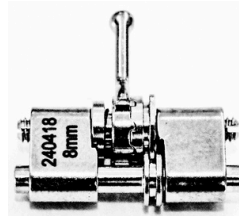
Yes, KKE has a built-in activation arm, the patient can do the activation easily with their finger.

● How often should the arm be activated?

Once or twice a day depending on the doctors preference.

● What is the expansion duration with the KKE?

The expansion process is fast, taking maximum **1 month** if activated twice daily.



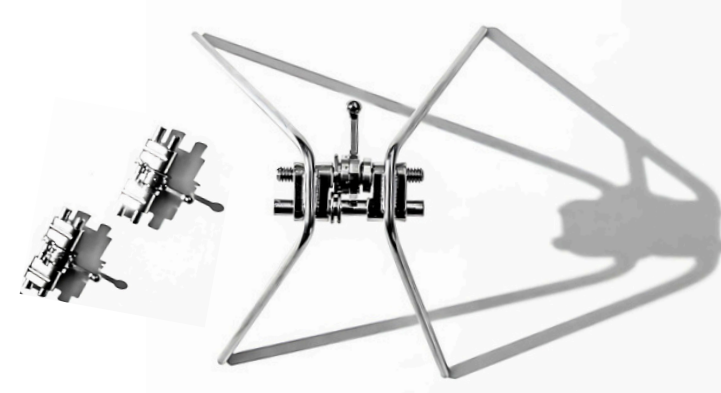
GET IN TOUCH



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COMING SOON

KELES KEYLESS EXPANDER (KKE)



Hassle Free Rapid Palatal Expansion

Successfully treated over 1,000+ patients

Brought to you by the inventor of the Keles Slider & Keles Face Mask

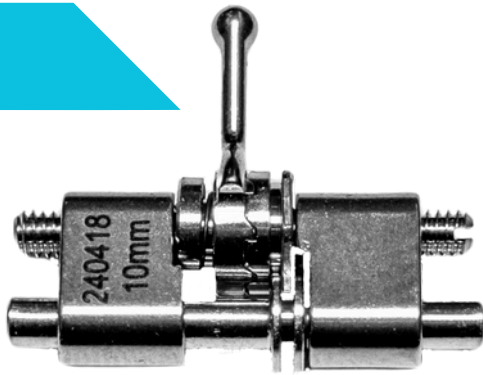


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Scan to join the waitlist for the limited release!

WHAT IS THE KELES KEYLESS EXPANDER (KKE)

The Keles Keyless Expander (KKE) is a rapid palatal expander that features a built-in activation arm. It stands out from other palatal expanders by eliminating the need for a separate key, by its small size, and ease of use. This design offers numerous benefits, such as decreasing treatment duration and enhancing effective patient-friendly treatment by increasing compliance & comfort.



HOW TO ACTIVATE ?

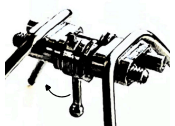
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Step 1: Push Activation Arm Downwards

The built-in arm mechanism acts as an unidirectional wrench system, activating the expander by 0.2 mm with each turn

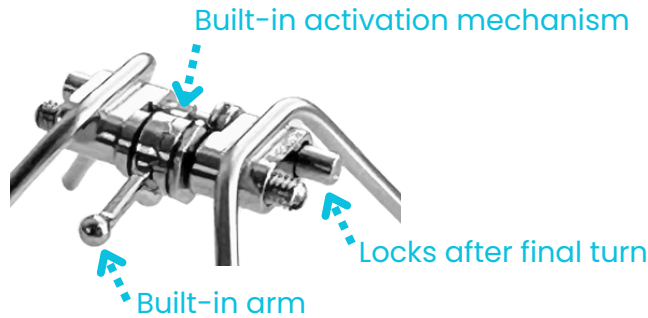
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Step 2: Pull Activation Arm Upwards

It is a passive movement that brings the arm to its initial position making it ready for the next activation

THE DESIGN



Keyless Design

KKE eliminates the need for a separate key by incorporating a built-in activation arm, making it patient friendly, easy to use, & safe

Fixed Appliance

Patients who are between ages 6 to 14 are known for low treatment adherence, to prevent delays KKE is a fixed appliance

Intermittent Force

Intermittent force is applied to not only increase the skeletal effect but also to minimize issues such as dental tipping and relapse

0.2mm Expansion Per Activation

Optimal expansion amount of 0.2mm per turn prevents excessive force and pain, ensuring comfort and efficacy in treatment

Compact Design

Its small & compact design facilitates deeper placement in the palate, achieving true skeletal expansion & comfort

THE BENEFITS

Keyless Activation Mechanism

- Eliminates the need to use a separate key
- Eliminates incomplete & backward turns
- Eliminates screw backspin & unraveling
- No more frustration in locating the activation hole and food debris getting stuck in it

Efficiency

- Shorter treatment duration due to increased patient compliance
- Enhances practice productivity by reducing administrative burdens, clinic visits, chair time, and emergency calls

Enhanced Safety

- Eliminates the risk of swallowing the key
- Features a locking mechanism that secures components upon full activation, preventing disassembly
- Prevents liability and legal action towards the orthodontist & pediatric dentist and protects their reputation

Convenience & Ease of Use

- Designed for self-activation by the patient the need for assistance is eliminated
- Simplified activation process
- No more losing the key

Easy Integration with

- Digital appliance design softwares
- 3D metal printing
- TADs