

NEW

THE KELES **KEYLESS** EXPANDER

The **Keles Keyless Expander (KKE)** is a rapid palatal expander that features a built-in activation arm. It stands out from other rapid palatal expanders by eliminating the need for a separate key, by its small size, and ease of use.

KKE offers numerous benefits, such as comfort, increased treatment adherence, short treatment duration, and effective patient-friendly treatment outcomes.



COMPACT

No speech interference or tongue irritation



FAST TX

Results in 1 month with 2 activations per day



REVERSABLE

Intentionally turn the screw back with the reversal kit



3 SIZES

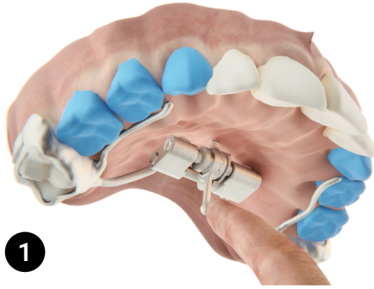
Available in commonly requested 8, 10, and 12mm

BUILT-IN ACTIVATION ARM

Eliminates the need for a separate key



HOW TO ACTIVATE



Push Arm Down

The built-in arm mechanism works like a ratchet, activating the expander by **0.2 mm** with each turn.

Pull Arm Up

The passive movement that brings the arm to its initial position makes it ready for the next activation.

DESIGN FEATURES

Fully Keyless

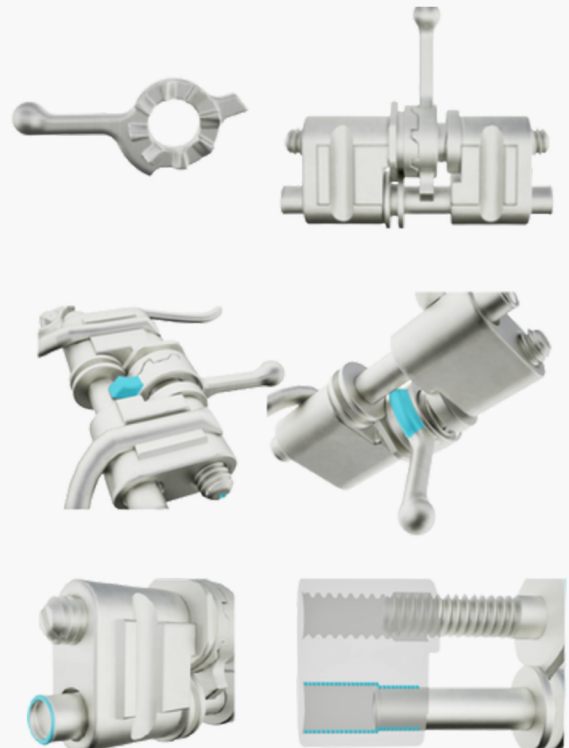
- A built-in activation arm eliminates the need for a separate key
- Each turn results in an activation of 0.2mm

Unidirectional Screw System

- The screw can only turn forward through normal activations, eliminating worries of backturned screws or failed progression
- The screw can be intentionally reversed using the KKE Reversal Kit

Maximum Expansion Locking System

- At full expansion, an integrated stopper prevents overturning and disassembly



CONFIGURATIONS



Standard Design



2-Arm Design



Bonded Design



TAD-Supported

RESOURCES



- ▶ [Cementing the KKE](#)
- ▶ [Activating the KKE Intraorally](#)
- ▶ [Reversing the KKE](#)
- ▶ [Cleaning the KKE Intraorally](#)

