SUS²
Sabbagh Universal Spring

a new dimension of class II

improved Version
The Sabbagh Universal Spring – SUS² - is a chair-side Class II telescoping appliance with an internal spring for universal intermaxillary use. It provides a perfect alternative for any patients with compliance issues. The SUS² acts with constant, gentle forces on the temporomandibular joints, and can help to avoid the need for some extractions and dysgnathic operations.

**Indications**
- Distoclusion / Class II (Uni-/Bilateral)
- Molar distalization (headgear substitute)
- Space Closing (aplasia)
- Temporomandibular dysfunction (repositioning effect)
- Sleep apnea therapy
- Dentoalveolar compensation of the occlusion (elastics substitute)

**The ideal solution for patients with:**
- Poor compliance
- Minimal residual growth
- Illnesses of the upper respiratory tract or asthma
- Allergy to acrylic components
Omega loop ensures the ball anchor will not slip through.

Laser-welded for excellent strength and biocompatibility.

Double funnel-shaped design of the inner ring at the top of the telescoping rod for maximal transversal movement with perfect sagittal stability.

Conical design of the buccal section of the SUS² arch adapter: easy assembly and optimal movement during treatment.

Conical tip of the screw for rigid, reliable and precise connection of the SUS² to the archwire.

One inner hexagon screw key for all SUS² screws perfect with all types of brackets.

Activation components SUS² as spring: Activation with the SUS² turbo-spring.

SUS² as a hinge: easy activation with slotted spacers.

Conical design ensures the spring does not separate.

Inner hexagonal screw to adjust the length for easy and secure handling.

Adjustable spring force for an excellent and individual therapy.

Dual telescope design safe, hygienic, individual length adjustment.

Integrated stop for the inner telescope ensures the spring does not separate.

One inner hexagon screw key for all SUS² screws part of the SUS² starter-set (REF 607-140-01).
SUS² – first class treatment for your class II patients

See all the advantages of using the SUS²

- Universal application with only one size that fits all patients
- Easy handling and installation within only a few minutes
- Easy and secure attachment to the archwire
- Various types of activation for different indications:
  - SUS² as a spring: you can use the optional turbo-spring if higher forces are required or if dental calculus has hindered the function of the inner spring.
  - SUS² as a hinge: activation with slotted spacers (1 mm/2 mm) crimped on the telescope rod.
- Improved patient hygiene with corrosion-resistant materials and an internal spring
- Excellent patient acceptance & comfort with flexible movement of the lower jaw
- Gentle and constant forces along with bracket-therapy allow for shorter treatment time (only about 6 months)
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