



SUS³
3rd generation

SUS³

The ideal path to achieving Class I.
Efficient. Proven. Intra-oral.

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Simply safe.



The Sabbagh Universal Spring (SUS³) is a telescope element with spring for universal intermaxillary use. It provides a perfect alternative for patients with compliance issues. The SUS³ acts with constant, gentle forces, mainly horizontal, on the temporomandibular joint, and can help to avoid the need for some extractions and dysgnathic surgery.

Indications

- Distocclusion/Class II (uni-/bilateral).
- Molar distalization (headgear substitute).
- Dentoalveolar compensation of the occlusion (elastics substitute).
- Midline displacement.
- Gap closure (aplasia)/anchorage (alternative to mini screws).
- Alternative to dysgnathia operation.
- Temporomandibular dysfunction (repositioning effect).
- Sleep apnea therapy.

The ideal solution for patients with:

- poor compliance.
- minimal residual growth.
- difficulties using removable appliances.
 - illnesses of the upper respiratory tract or asthma.
 - allergy to components in acrylic.
 - handicap.



The improved SUS³.

SUS²



SUS³



Longer spring travel.

More load cycles possible.

Stronger inner spring.



Convincing details.

1



Omega loop ensures the ball retainer clasp does not slip through.
Laser-welded for excellent biocompatibility and strength.



2



Rounded edges
for more intra-oral comfort.

3



Dual telescope design
for greater hygiene.
Integrated stop for the inner telescope ensures the spring does not disengage.



Activation accessories
SUS³ turbo spring for additional activation and spring effect. Standard activation with spacer rings.



4

Conical-shaped tip of screw for a secure, exact connection of SUS³ to the archwire.

Hexagon socket screw for fast, easy assembly.

One hexagon socket key for all SUS³ screws part of the SUS³ starter set (REF 607-160-00).



5

Funnel-shaped design

of the head of the telescope rod for maximal transverse movement with perfect sagittal stability.



6



Conical design of the buccal section of the SUS³ archwire adapter: easy assembly and optimal movement during treatment.

One-fits-all design perfect with all types of brackets.

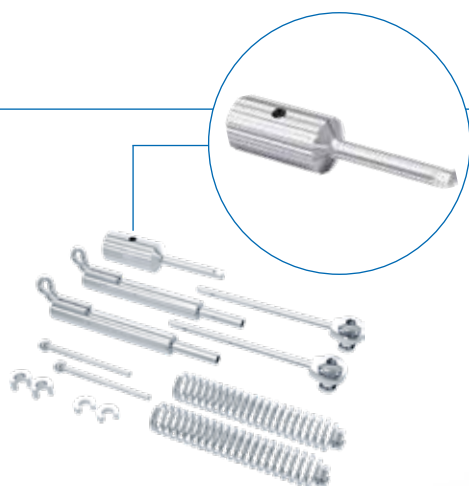


First class treatment for your
Class II patients.



Convincing advantages.

- Universal application with only one size and one product for right and left side.
- Easy handling and installation within only a few minutes.
- Various types of activation for different indications:
 - standard activation (spring effect and Herbst effect) with one or more slotted spacer rings (1 mm and 2 mm) crimped on the telescope rod.
 - the optional SUS³ turbo spring can be used if higher forces are required (adult treatment) or if dental calculus has hindered the function of the inner spring.
- Corrosion-resistant stainless steel and open tubes ensure good hygiene.
- Excellent patient acceptance and comfort with flexible movement of the lower jaw.
- Constant gentle forces along with a multi-bracket appliance allow for shorter treatment time (only about 6 months).



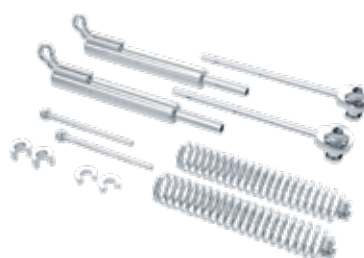
REF 607-165-00

1 set

(without hexagon socket key 1.5)

Contents:

2 x SUS ³ telescope element	REF 607-157-00
2 x SUS ³ telescope rod, assembled	REF 607-158-00
2 x SUS ³ ball retainer clasp, ø 1.0 mm	REF 607-154-00
2 x SUS ³ turbo spring (stainless steel), length 27 mm	REF 607-156-00
2 x spacer ring, crimpable, length 1 mm	REF 607-103-11
2 x spacer ring, crimpable, length 2 mm	REF 607-104-11



REF 607-160-00

1 set

Contents:

2 x SUS ³ telescope element	REF 607-157-00
2 x SUS ³ telescope rod, assembled	REF 607-158-00
2 x SUS ³ ball retainer clasp, ø 1.0 mm	REF 607-154-00
2 x SUS ³ turbo spring (stainless steel), length 27 mm	REF 607-156-00
2 x spacer ring, crimpable, length 1 mm	REF 607-103-11
2 x spacer ring, crimpable, length 2 mm	REF 607-104-11
1 x hexagon socket key 1.5	REF 607-144-00

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and in more than 130 countries worldwide.



DENTAURUM
QUALITY
WORLDWIDE
UNIQUE



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