

Class II appliances.

Guarantee for success.

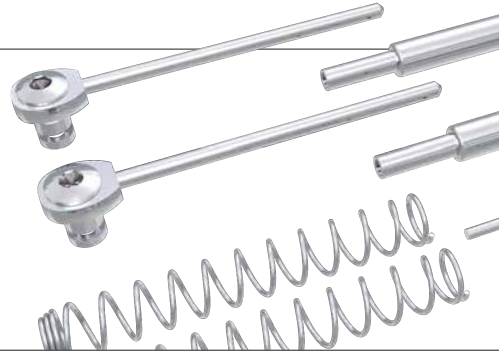


DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com





The ideal path to Class I.



SUS² – first class treatment for your Class II patients.

- Universal application with only one size that fits all patients and one product for right and left side.
- Easy handling and installation within minutes.
- Can be used as spring or hinge.
- Various types of activation for different indications:
 - SUS² as a hinge: activation with one or more slotted spacers (1 mm/2 mm) crimped on the telescope rod.
 - SUS² as a spring: you can use the optional turbo-spring if higher forces are required (adult treatment) or if dental calculus has hindered the function of the inner spring.
- Improved patient hygiene with corrosion-resistant materials and open tubes.
- Excellent patient acceptance and 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).



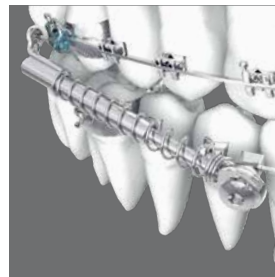
The Sabbagh Universal Spring – SUS² – is a chair-side Class II telescoping appliance with an internal spring for universal intermaxillary use. It provides a perfect alternative for any patients with compliance issues. The SUS² acts with constant, gentle forces on the temporomandibular joints, and can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

Indications:

- distocclusion / 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 cooperation.
- minimal residual growth.
- illnesses of the upper respiratory tract or asthma.
- allergy to acrylic components.



Herbst bite jumping hinges.

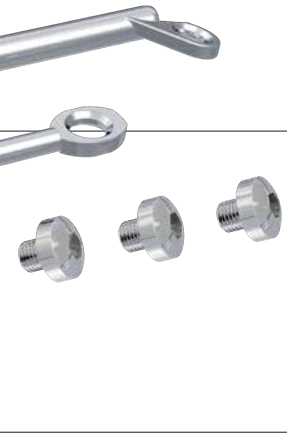
Safe, proven, effective.



The classic correction of distal occlusions.

Dentaurum's program consists of 4 versions of the proven Herbst bite jumping hinge. They all share the same high mechanical stability and excellent design, which enables them to withstand considerable forces and still have enough reserves for an effective orthodontic treatment.





Herbst TS.

This model is fitted with an internal telescope, which prevents the hinge from sliding apart.

Herbst I.

The classic retention hinge for welding onto bands.

Depending on the experience and the goal of the orthodontist, the Dentaureum Herbst technique is fit for band or cast techniques. This means maximum flexibility and allows customized application.

Herbst II.

The modified Herbst bite jumping hinge for use with a multi-bracket appliance.

Herbst IV.

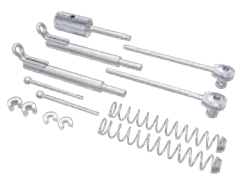
The modified Herbst bite jumping hinge with ball and socket joint and C-clip fixation for greater lateral movement.

This intelligent solution offers a new dimension of lower jaw movement in therapy with Herbst bite jumping hinges. The Herbst IV ball and socket joint is far more comfortable for the patient.

The C-Clips avoid time-consuming screw placement. This makes Herbst IV easier to handle and safer to wear.

Class II appliances

SUS² – Sabbagh Universal Spring



SUS² starter set

Incl. CD-ROM



REF 607-140-01	1 set
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CE 0483

Contents:

2 x SUS ² telescope elements	REF 607-147-00
2 x SUS ² telescope rod, assembled	REF 607-148-00
2 x SUS ² ball retainer clasp, ø 1.0 mm	REF 607-136-00
2 x SUS ² turbo spring (Stainless steel), Length 22 mm	REF 607-146-00
2 x Spacer rings, crimpable, Length 1 mm	REF 607-103-11
2 x Spacer rings, crimpable, Length 2 mm	REF 607-104-11
1 x Hexagon socket key	REF 607-144-00



SUS² set

A hex key is not included in the set!



REF 607-145-01	1 set
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CE 0483

Contents:

2 x SUS ² telescope elements	REF 607-147-00
2 x SUS ² telescope rod, assembled	REF 607-148-00
2 x SUS ² ball retainer clasp, ø 1.0 mm	REF 607-136-00
2 x SUS ² turbo spring (Stainless steel), Length 22 mm	REF 607-146-00
2 x Spacer rings, crimpable, Length 1 mm	REF 607-103-11
2 x Spacer rings, crimpable, Length 2 mm	REF 607-104-11



SUS² telescope rod, assembled

REF 607-148-00	2 pieces
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CE 0483

Contents:

2 x SUS ² arch adapter/fixing screw (2 pairs)	REF 607-143-00
2 x SUS ² telescope rod	REF 607-149-00



SUS² telescope rod

REF 607-149-00	2 pieces
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CE 0483



SUS² arch adapter/fixing screw

REF 607-143-00	1 pair
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CE 0483



SUS² telescope element (with hexagon socket screw)

REF 607-147-00	1 piece
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CE 0483



SUS² turbo spring (Stainless steel)

Length: 22 mm

REF 607-146-00	6 pieces
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CE 0483

SUS² – Sabbagh Universal Spring

SUS² compression spring (Stainless steel)

Length: 15 mm

REF 607-141-00

6 pieces

CE 0483



SUS² compression spring (Nickel titanium)

Length: 15 mm

REF 607-150-00

6 pieces

CE 0483



SUS² distance spring

Length: 10 mm

REF 607-142-00

6 pieces

CE 0483



Spacer rings, crimpable

Length	for	REF	Quantity
1 mm	Herbst TS + SUS ²	607-103-11	10 pieces
2 mm	Herbst TS + SUS ²	607-104-11	10 pieces
3 mm	Herbst TS + SUS ²	607-105-11	10 pieces
4 mm	Herbst TS + SUS ²	607-107-11	10 pieces

CE 0483



Herbst TS/SUS² crimping pliers sterilizable

For clamping slotted spacers for Herbst TS and SUS².

Premium-Line · 10 year guarantee

REF 003-710-00

1 piece

CE



SUS² ball retainer clasps

Shaft ø: 1.0 mm

Head ø: 2.10 mm

Length: 18 mm

REF 607-136-00

10 pieces

CE 0483



Hexagon socket key 1.5 sterilizable

Key width: 1.5 mm

REF 607-144-00

1 piece

CE



Herbst bite jumping hinges / Sets



Herbst TS set

Telescope system. For welding/soldering onto bands or cast splints.

Contents:

- 1 x telescopic rod, right
- 1 x telescopic rod, left
- 4 x hexagon socket screw
- 4 x F-base

A hex key is not included in the set!

Length	REF	Quantity
20 mm	607-126-20	1 set
22 mm	607-126-22	1 set
24 mm	607-126-24	1 set

CE 0483



Herbst I set

With hexagon socket screws.

For welding/soldering onto bands or cast splints.

A hex key is not included in the set!



REF 607-120-00	1 set
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CE 0483

Contents:

1 x telescopic tube, right	REF 607-121-00
1 x telescopic tube, left	REF 607-122-00
2 x telescopic rod	REF 607-124-00
4 x hexagon socket screw	REF 607-122-30
4 x F-base	REF 607-127-30



Herbst II set

With hexagon socket screws.

To fix onto arch wires with the multi-bracket technique.

A hex key is not included in the set!



REF 607-108-00	1 set
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CE 0483

Contents:

1 x telescopic tube, right	REF 607-121-00
1 x telescopic tube, left	REF 607-122-00
2 x telescopic rod	REF 607-124-00
2 x hexagon socket screw, short	REF 607-108-10
2 x hexagon socket screw, long	REF 607-108-20
4 x pivot	REF 607-111-00

Herbst bite jumping hinges / Sets

Herbst IV set

With ball head.

For welding/soldering onto bands or cast splints. Big lateral movement. It is retained on the base using lock washers.

No screw retention and consequently no lost screws.

Great patient comfort.

Contents:

- 2 x telescopic tube with ball and socket joint
- 2 x telescopic rod with ball head
- 2 x coupling for ball head
- 4 x base
- 10 x C-clip, lock washer



REF 607-115-00

1 set

CE 0483



Class II appliances

Herbst bite jumping hinges / Accessories



Hexagon socket screw

Version	for	REF	Quantity
with base	Herbst TS / I	607-121-30	10 pairs
without base	Herbst TS / I	607-122-30	10 pieces
with short shank and tip	Herbst II	607-108-10	10 pieces
with long shank and tip	Herbst II	607-108-20	10 pieces

CE 0483



Slotted screw

Version	for	REF	Quantity
with base	Herbst TS / I	607-101-00	10 pairs
without base	Herbst TS / I	607-102-00	10 pieces
with short shank and tip	Herbst II	607-109-00	10 pieces
with long shank and tip	Herbst II	607-110-00	10 pieces

CE 0483



Lock washer

Designation	for	REF	Quantity
C-clip	Herbst IV	607-116-00	10 pieces

CE 0483

Base/pivot

Designation	for	REF	Quantity
F-base, form concave	Herbst TS / I	607-127-30	10 pieces
Base, form cylindrical	Herbst TS / I	607-117-00	10 pieces
Base, curved inner shape	Herbst IV	607-118-00	10 pieces
Pivot	Herbst II	607-111-00	10 pieces



CE 0483

Telescopic tube

Designation	for	REF	Quantity
Telescopic tube, right	Herbst I / II	607-121-00	1 piece
Telescopic tube, left	Herbst I / II	607-122-00	1 piece
Telescopic tube with ball joint	Herbst IV	607-125-00	1 piece



CE 0483

Telescopic rod

Designation	for	REF	Quantity
Telescopic rod	Herbst I / II	607-124-00	1 piece
Telescopic rod with ball head	Herbst IV	607-128-00	1 piece



CE 0483

Class II appliances

Herbst bite jumping hinges / Accessories



Spacer ring

For Herbst I to IV.

Length	for	REF	Quantity
1 mm	Herbst I / II / IV	607-103-00	10 pieces
2 mm	Herbst I / II / IV	607-104-00	10 pieces
3 mm	Herbst I / II / IV	607-105-00	10 pieces
4 mm	Herbst I / II / IV	607-107-00	10 pieces
5 mm	Herbst I / II / IV	607-112-00	10 pieces

CE 0483



Spacer ring, crimpable

Length	for	REF	Quantity
1 mm	Herbst TS + SUS ²	607-103-11	10 pieces
2 mm	Herbst TS + SUS ²	607-104-11	10 pieces
3 mm	Herbst TS + SUS ²	607-105-11	10 pieces
4 mm	Herbst TS + SUS ²	607-107-11	10 pieces

CE 0483



Herbst TS/SUS² crimping pliers

sterilizable

For clamping slotted spacers for Herbst TS and SUS².

Premium-Line · 10 year guarantee

REF 003-710-00

1 piece

CE



Hexagon socket key 1.5

sterilizable

Key width	for	REF	Quantity
1.5 mm	Herbst TS / I / II, SUS ²	607-144-00	1 piece

CE



Hexagon socket key

Only intended for use in the laboratory!

Key width	for	REF	Quantity
1.5 mm	Herbst TS / I	607-123-10	1 piece

