

Class II appliances.

Achieve Class I successfully.

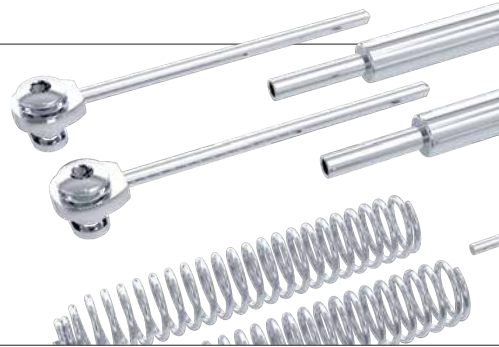


DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com





The ideal path
to achieving Class I.



SUS³ – first-class treatment for your Class II patients.

The SUS³ Sabbagh Universal Spring is a telescope appliance with spring for universal intermaxillary use when treating Class II. 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 (unilateral/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 joint disorder and craniomandibular dysfunction (repositioning effect).
- Therapy for snoring and sleep apnea.

The ideal solution for patients with:

- poor compliance.
- minimal residual growth.
- hindrance to using removable appliances.
- illnesses to the primary respiratory tract or asthma.
- allergy to components in acrylic.
- disability.

Herbst bite jumping hinges.

Safe, proven, effective.



The classic correction of distocclusions.

Dentaurum's program consists of four versions of the proven Herbst bite jumping hinge. Each of the versions has a high mechanical stability and an excellent finish which guarantee adequate safety reserves for an effective therapy, even when under great stress.





Herbst TS.

This Herbst version is fitted with an inner telescope. This prevents the hinge from sliding apart.

The new laser markings on the telescopic element indicating size and side guarantee clear allocation to the jaw.

Herbst I.

Classic retention hinge for welding to bands.

The Dentaureum Herbst I bite jumping hinge is the classic version that is welded onto bands or cast splints, depending on the aim of the treatment and the experience of the orthodontist. This means maximum flexibility and enables individual treatment.

Herbst II.

Modification of classic appliance for fixing onto the archwire of multi-bracket appliances.

Herbst IV.

Modified version with ball and socket joint and C-clips for fixing. Greater lateral freedom of movement.

This clever solution opens up a new dimension of movement in the mandible during treatment with Herbst bite jumping hinges since the ball and socket joint on Herbst IV greatly improves patient comfort.

The C-clips mean screws need not be screwed in place on the Dentaureum Herbst IV retention hinge. This makes it easier to handle and offers in particular more security.

Class II appliances

SUS³ – Sabbagh Universal Spring



SUS³ starter set



REF 607-160-00	1 set
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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



SUS³ set

An Allen key is not included in the delivery.



REF 607-165-00	1 set
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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



SUS³ telescope rod, assembled

REF 607-158-00	2 pieces
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Contents:

2 x SUS ³ arch adapter / fixing screw (1 pair)	REF 607-153-00
2 x SUS ³ telescope rod	REF 607-159-00



SUS³ telescope rod

REF 607-159-00	2 pieces
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SUS³ arch adapter / fixing screw

REF 607-153-00	1 pair
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SUS³ telescope element

REF 607-157-00	1 piece
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SUS³ – Sabbagh Universal Spring

SUS³ turbo spring (stainless steel)

Length: 27 mm

REF 607-156-00

6 pieces



SUS³ compression spring (stainless steel)

Length: 15 mm

REF 607-151-00

6 pieces



SUS³ distance spring

Length: 10 mm

REF 607-152-00

6 pieces



Crimping pliers, for Herbst TS / SUS sterilizable

For clamping slotted spacers for Herbst TS and SUS.

Premium-Line · 10 year guarantee

REF 003-710-00

1 piece



SUS³ ball retainer clasp

Shaft ø: 1 mm

Head ø: 2.1 mm

Length: 18 mm

REF 607-154-00

10 pieces



Spacer ring, crimpable

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



Hexagon socket key 1.5

sterilizable

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



Class II appliances

Herbst bite jumping hinges / Sets



Herbst TS set

Telescope system. For welding onto bands or cast splints.

Contents:

- 1 x telescopic tube, right
- 1 x telescopic tube, 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

Please note that we offer a welding service for double bands for the Herbst technique free of charge. Please contact your local medical product advisor.



Herbst I set

With hexagon socket screws.

For welding onto bands or cast splints.

A hex key is not included in the set!



REF 607-120-00	1 set
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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

Please note that we offer a welding service for double bands for the Herbst technique free of charge. Please contact your local medical product advisor.



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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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 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

Please note that we offer a welding service for double bands for the Herbst technique free of charge. Please contact your local medical product advisor.



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

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

Lock washer



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

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



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



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



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



Spacer ring, crimpable

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



Crimping pliers, for Herbst TS / SUS

sterilizable

For clamping slotted spacers for Herbst TS and SUS.

Premium-Line - 10 year guarantee

REF 003-710-00

1 piece



Hexagon socket key 1.5

sterilizable

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



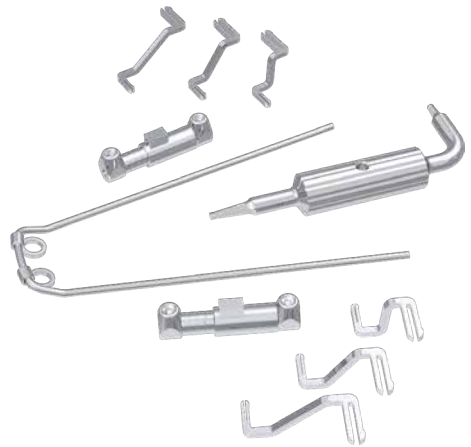
Hexagon socket key

Only intended for use in the laboratory!

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

amda® starter set (assembled)

Skeletally anchored appliance for the distalization of molars with the tomas®-pin EP.



REF 607-180-00	1 set
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Contents:

1 x amda® telescope (2 pieces)	REF 607-181-02
1 x amda® connector, pair 7 mm	REF 607-184-07
1 x amda® connector, pair 10 mm	REF 607-184-10
1 x amda® connector, pair 13 mm	REF 607-184-13
1 x amda® palatal arch	REF 607-185-01
1 x hexagon socket key 0.9	REF 607-129-00

Class II appliances

amda® / Appliance and accessories



amda® telescope

Encapsulated stainless steel spring with two stop screws (REF 302-013-01).
Spring force: max. 4.7 N
Spring travel: max. 4.0 mm

REF 607-181-02	2 pieces
REF 607-181-10	10 pieces



amda® connector, left

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	607-182-07	10 pieces
10 mm	607-182-10	10 pieces
13 mm	607-182-13	10 pieces



amda® connector, right

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	607-183-07	10 pieces
10 mm	607-183-10	10 pieces
13 mm	607-183-13	10 pieces



amda® connector, pair

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	607-184-07	1 pair
10 mm	607-184-10	1 pair
13 mm	607-184-13	1 pair

amda® palatal arch

(incl. 2 x tomas®-abutments EP, REF 302-027-00).

Palatal arch for amda® for fixing the amda® telescopes.

REF 607-185-01	1 piece
REF 607-185-10	10 pieces



Hexagon socket key 0.9

sterilizable

Key width: 0.9 mm

REF 607-129-00	1 piece
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Orthodontic demonstration model tomas® / amda®

Fitted with:

- tomas®-pin EP
- amda®
- lingual / palatal sheaths easy in,
welded to standard molar bands

Maxilla made of plastic.

REF 892-000-26	1 piece
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tomas® / Pins



tomas®-pin EP
self-drilling
sterile

Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: mushroom-shaped

Length	Color-coded packaging	REF	Quantity
6 mm	white	302-206-00	1 piece
8 mm	grey	302-208-00	1 piece
10 mm	black	302-210-00	1 piece



tomas®-pin EP N
self-drilling
non-sterile
sterilizable

Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: mushroom-shaped

Length	REF	Quantity	REF	Quantity
6 mm	302-206-10	1 piece	302-206-30	10 pieces
8 mm	302-208-10	1 piece	302-208-30	10 pieces
10 mm	302-210-10	1 piece	302-210-30	10 pieces

