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Some products presented in this catalog could only be sold in certain countries and geographical segments due to selling regulations with our distribution partner. In order it must be assessed in each individual case.
Our TopProdukt websites

Since 2017 we have built separate product websites for the TopProducts. Here you will find all the information regarding each TopProduct at a glance: videos, instructions, etc. At the bottom of each page you can click to the next TopProduct.

www.topjet-distalizer.com
www.powerscrew-expansion.com
www.flex-developer.com
www.herbst-developer.com

Video instructions illustrate the processes in an comprehensible way - step by step

Dealer search is important for our new clients - simply select a country and the dealers list will be shown

Documents for download (PDF) Instructions for use, product sheets, declarations of conformity at a glance

Visit other TopProduct websites By clicking on a TopProduct logo you will be redirected to the next website
The invisible power pack for your distalisation work

- Treatment without further manual assistance
- Invisible in the mouth
- No laboratory work required
- Fast insertion in minutes
- Individual length adjustment
- Easy dosing and post-activation
- Distalisation possible on both sides

www.topjet-distalizer.com
The TopJet Distalizer is a molar distilisation device with which the posterior maxillary teeth on one or both sides can be distalised approx. 0.8 mm per month, without further manual assistance. It is clipped onto one of the mini anchor screws inserted in the anterior palate and its length can be individually adjusted. In no other device is the insertion so easy and with such a homogeneous effect at the same time. The force is created through an enclosed nitinol tension spring which can be reactivated as needed by retensioning the spring housing. In doing so, a spring hook audibly clicks into place. The reactivation can be performed in 1.6-mm increments.

Indications
1. Crowding in the front maxilla with sufficiently long jaws (possibly consider prior removal of the upper wisdom teeth?)
2. Protruding front maxillary teeth
3. Lack of space in the maxillary posterior tooth region (e.g. due to hypoplastic lateral incisors, missing or excessively narrow primary teeth or retained premolars).
4. Molar class II occlusion in the setting of migrated maxillary molars (also in the case of skeletal class III and simultaneous dental class II). The TopJet Distalizer can be easily used in one or both sides.

Contraindications
1. Parodontally damaged molars if the force could be too great
2. Short maxilla (distally oriented 2nd molars)

System requirements
- Bands 16/26 with fenestrated Goshgarian locks
- TopJet Distalizer palate arch (according to bending template or prefabricated)
- Dual Top mini anchor screw, type JS, Ø 2.0 mm × 10/12/14 mm, Ø 2.5 mm × 12/14/16 mm in region M4
- Angle piece (W&H p. 38) placed underneath with 25 mm hexagonal screwdriver shaft
- Hook probe as part of the basic dental instrument set to activate and deactivate the TopJet Distalizer
- Ligature cutter to cut through the safety thread
- TopJet forceps: To close the T-connector
- Fixation forceps: To hold the TopJet Distalizer during insertion

Available TopJet variants
- TopJet Distalizer 250
- TopJet Distalizer 360
- TopJet Distalizer 250+8
- TopJet Distalizer 360+8

Case study
Leonie K., age 11, significant lack of space, unilateral, right maxilla. Many orthodontists may have had the first premolars extracted. Through distalisation with the TopJet Distalizer, a space is opened within 6 months without further manual assistance. Mini anchor screws were able to be placed in the anterior palate in a matter of seconds. There are no dental roots or vessels at this site. The entire insertion takes less than 20 minutes.
Technical data

Ratchet step | mm | Tj 250 | Tj 360
--- | --- | --- | ---
0 | 0 | 250 cN | 360 cN
1 | 1.8 | 210 cN | 300 cN
2 | 3.6 | 170 cN | 240 cN
3 | 5.4 | 130 cN | 180 cN
4 | 7.2 | 90 cN | 120 cN
5 | 9.0 | 50 cN | 60 cN

TopJet Distalizer 250 = 40 g/ratchet, TopJet 360 = 60 g/ratchet

<table>
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<th>360</th>
<th>250+8</th>
<th>360+8</th>
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<tbody>
<tr>
<td>max. force</td>
<td>250 cN</td>
<td>360 cN</td>
<td>250 cN</td>
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<td>min. insertion length</td>
<td>14 mm</td>
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<tr>
<td>max. distalisation</td>
<td>14 mm</td>
<td>14 mm</td>
<td>14 mm</td>
<td>14 mm</td>
</tr>
<tr>
<td>Ratchet steps</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Length per ratchet step</td>
<td>1.8 mm</td>
<td>1.8 mm</td>
<td>1.8 mm</td>
<td>1.8 mm</td>
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TopJet Distalizer – Accessories & starter sets (S)

**TopJet Distalizer (S)**

**Dual-Top JS jet screw (S)** with smooth upper shaft, ideal use in the anterior palate (p. 32)

**Hexagonal screwdriver shaft (S)** for angle piece, M4 position, 113-M-204, suitable for JS jet screw, (p. 32)

**Fixation forceps (S)** self-retaining, for securely grasping the TopJet Distalizer during insertion

**T-connector forceps (S)** For closing the T-connector (p. 96)

**RMbond® (S)** For attaching and coating (p. 96)

**Palate arches (S)** 7 sizes, pre-fabricated, precise and fast adjustment (p. 14)

**TopStop direct/TPA space maintainer (S)** (p. 15)

**Mini diamond disk (S)** To cut through the palate arch without any risk, for easy removal

**TopJet Distalizer Demo-Typodont (S)**

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**Starter sets TopJet Distalizer**

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<th>Designation &amp; contents</th>
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<td>TopJet Distalizer 360</td>
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<td>10667</td>
<td>TopJet Distalizer 360+8</td>
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<td>10441</td>
<td>Fixation forceps</td>
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<tr>
<td>10319</td>
<td>T-Connector forceps</td>
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<tr>
<td>10292</td>
<td>Diamond disk, small</td>
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</table>

**TopJet Distalizer starter set 250**

Contents: 2 items TopJet Distalizer 250, 2 items jet screw 2.0-JS-012, 2 items jet screw 2.0-JS-014, 1 item palate arch starter set, 1 item hexagonal attachment M4, 1 item fixation forceps, 1 item T-connector forceps, 1 item RMbond® syringe, 1 item mini diamond disk, 1 item TopJet Distalizer Typodont, 1 item USB stick

**TopJet Distalizer starter set 360**

Contents: 2 items TopJet Distalizer 360, 2 items jet screw 2.0-JS-012, 2 items jet screw 2.0-JS-014, 1 item palate arch, small, 1 item hexagonal attachment M4, 1 item fixation forceps, 1 item T-connector forceps, 1 item RMbond® syringe, 1 item mini diamond disk, 1 item TopJet Distalizer Typodont, 1 item USB stick

**TopJet Distalizer Demo-Typodont (S)**
Transpalatal arch (TPA)

The prefabricated TopJet palate arches can be adjusted in seconds and thus make insertion quicker.

7 sizes: 12, 14, 16, 18, 20, 22, 24 mm

Rule of thumb for determining size:
“The intermolar distance (fossa centralis) generally corresponds to the TPA size needed.”

Formula examples
Intramolar distance 44 mm: 44 - 30 = size 14
After subtracting “30 mm” (2x15 mm), we obtain the TPA order size (= F distance). This TPA is then to be adjusted accordingly (see instructions for use).

TopStop direct & TPA space maintainer

The TopStop Space Maintainers are telescopically adjustable connections between the mini anchor screw and the molar which are adhered using RM-bond®. This results in a rigid connection which prevents migration of the molars.

The TopStop TPA is used as a replacement after the use of a TopJet between the mini anchor screw and the TPA.

The TopStop direct can be used directly between the mini anchor screw in the anterior palate and the Goshgarian lock on the molar band. Single or double-sided applications are possible in each case. In particular following premolar extractions, if the molars are to be anchored without further manual assistance.
More stability and variability for your safe expansion!

- Small body, high stability
- Grows as required with changeable hexagonal nut
- Easy self activation by the patient with precisely fitting flat spanner
- More comfort as a result of the rounded design
- Invisible in the mouth

www.powerscrew-expansion.com
The PowerScrew is a double telescoping screw for use in palatal suture expansion devices. It is available in three sizes (8, 12 and 16 mm insertion size).

Activation is simple, since the 8-cm long flat spanner can be quickly and safely attached to the hexagonal screw by the patient.

Narrow palates require a small expansion screw. For this reason, the PowerScrew grows along with them. By simply exchanging the hexagonal screw for the next larger size, the expander can continue to be used without the need to produce a new one. The PowerScrew and its holding arm are extremely stable and withstand the greatest forces and torques.

A rotation (6 surfaces) is 1 mm of expansion (0.17 mm per surface); every other surface is marked by ascending dots.

**PowerScrew**

**Hybrid Hyrax Expander**
Since September 2011 (Wilmes, JCO), combined mini anchor screws and palatal suture expanders worn on the teeth have been possible. Hyrax devices can be secured to Dual-Top screws using collars for adhesive bonding and to molars using bands. Thus palatal suture expander devices are generally tooth-borne, hygienic and space-holding at the same time. The collars for adhesive bonding are quickly and gently removed using collar extractors without jeopardizing the position of the mini anchor screw.

The adhered Hybrid Hyrax Expander is an innovative space-creating technique. This is an invisible and convenient treatment for patients; for the orthodontist, it is a concept which is reliable and does not require the assistance of a colleague. Tooth extraction can often be avoided as a result.

**Advantages of the mini anchor screws and band-worn palatal expanders:**
- transmission of skeletal force
- can be used as permanent teeth come in
- space-holders with excellent hygiene
- easy insertion and removal

**MICRO2/4/6 Hyrax – Mini Implant Collar Retained Orthodontic Expander**
Since it is possible to safely place 2 to 3 mini anchor screws per side in the anterior palate and since the adhesive collar connection is a reliable and yet easy-to-remove connection to the mini anchor screw, palatal suture expansion which are exclusively skeletal-borne can also be performed (MICRO2, 4, 6).

The advantage is evident: even during purely skeletal expansion, dental corrections can be performed independently by means of fixed treatment for teeth which are no longer under tension. As a result, expansions of up to 12 mm are possible even into mid-adulthood.

**Advantages of the mini-anchor-screw-borne palatal suture expanders:**
- purely skeletal support
- expansions up to 12 mm possible
- until mid-adulthood
- brackets possible at the same time

**Indications:**
Expansion of skeletally narrow maxilla

**Contraindications:**
Age-dependent, ossified palate

![Fig. left: By exchanging the hexagonal screw, up to 18 mm of expansion with a device is possible. Fig. right: PowerScrew 12 and 16 with holding arms.](image-url)
**Technical information**

**The components of the PowerScrew**

- Threaded rod
- Hexagonal screw
- Threaded tube

**Holding arm**

- Measuring rings
  - Ratchet = 2 mm

Do not rotate further after the **warning thread (green)** appears!

**Technical information**

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<th>Measuring rings</th>
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<td>6 mm</td>
<td>3 ring</td>
</tr>
<tr>
<td>12 mm</td>
<td>12 mm</td>
<td>5 ring</td>
</tr>
<tr>
<td>16 mm</td>
<td>18 mm</td>
<td>7 ring</td>
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**Expansion per rotated surface**

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<th>Expansion</th>
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<tr>
<td>6</td>
<td>1.0 mm (≈ 1 rotation)</td>
</tr>
<tr>
<td>1</td>
<td>0.17 mm</td>
</tr>
</tbody>
</table>

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**Start of rotation**

- Every surface counts
- Every other surface is marked
- Direction of rotation from the teeth to the tongue

**How does activation take place?**

Please open the mouth as wide as possible. The spanner is to be placed on the hexagon screw of the screw body such that the handle is near the upper front teeth (Fig. right). Move the spanner until it is just before the lower teeth (on the tongue). Then detach the spanner, rotate 180° around the longitudinal axis, place back on the upper teeth and move downwards once again (= 1 surface rotated).
PowerScrew – Accessories & starter set (S)

PowerScrew (S) with holding arms, flat spanner

PowerScrew (S) with holding arms, flat spanner

Collar forceps (S) for quick and easy removal of synthetic material on the collar of the Dual-top® JS jet screw

Collar extractor set (S) for pressure-free removal of the collars for adhesive bonding from the screw head

Laboratory analogue (S)

Transfer caps (S)

Alginate injector (S)

Impression tray (S) perforated, flat

RMbond® (S) For attaching and coating (p. 76)

Composite gun (S) for filling the collars for adhesive bonding (caps dispenser for composite gun, see accessories table)

Plastic spatula (S) to mix the Phase II adhesive composite

Training block (S) with Dual-top® jet screw for applying and removing collars for adhesive bonding

Typodont Hybrid-Hyrax for employee training and patient demonstration

Starter set

PowerScrew Expansion

PowerScrew – Accessories & starter set (S)

Article no. | Designation & contents
---|---
11011 | PowerScrew 8, with welded holding arms, flat spanner
10965 | PowerScrew 12, with welded holding arms, flat spanner
10967 | PowerScrew 16, with welded holding arms, flat spanner
10968 | PowerScrew 12 hexagonal screw, 3 items/pack
10969 | PowerScrew 16 hexagonal screw, 3 items/pack
10970 | PowerScrew, holding arm loose, 10 items/
10986 | PowerScrew flat wire - 3 pcs per 5 cm
10701 | Laboratory analogue long, 4 items/pack
10622 | Transfer caps, 2 items/pack
10632 | Plastic spatula, 3 items/pack
10332 | Phase II Part A adhesive composite, 6 g
10333 | Phase II Part B adhesive composite, 6 g
10587 | Alginate injector
10787 | Impression tray, perforated-flat, size S
10923 | PowerScrew safety scale
10873 | PowerScrew open-ended spanner
10318 | PowerScrew expander starter set
4 items transfer cap, alginate injector, collar forceps, 3 items plastic spatula, 3 items composite gun, collar extractor, RMbond syringe, needle holder, hard metal finishing bur, 4 items laboratory analogue, 4 item collar for adhesive bonding, 2 items PowerScrew 12, phase II part A, phase II part B, USB stick, training material. Collars for adhesive bonding, training block with laboratory analogue
10657 | Hybrid Hyrax Expander Typodont – complete, white
The collars for adhesive bonding form a secure and detachable connection between the Hyrax screw and mini anchor screw. The collars are welded onto the retention arms of the expander screw. They are the connection elements between the mini anchor screw (MAS) and the hyrax expander.

For insertion, the collars are pushed over the head of the MAS and filled with self-curing composite. Excess composite can escape from an outflow opening. This connection is highly resilient (up to 400 N) and can be detached during removal easily and in seconds (see collar extractor).

Better wear comfort and use with the collars for adhesive bonding “straight” through:
- lower height (0.5 mm)
- rounded edges

The disposable composite guns are ideally suited for filling the collars for adhesive bonding using a caps dispenser.

- for grasping the collar
- for compressing the anterior holding arm
- for grasping the holding arm
- for removing remaining synthetic material between the hexagonal plate and gingival plate

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<td>Collars for adhesive bonding, straight, 4 items/pack</td>
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<td>Composite gun, orange, tubes and plugs, 3 items/pack</td>
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<tr>
<td>10868</td>
<td>Saremco applicator</td>
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</thead>
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<tr>
<td>10611</td>
<td>Collar forceps</td>
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Collar forceps

- for grasping the collar
- for compressing the anterior holding arm
- for grasping the holding arm
- for removing remaining synthetic material between the hexagonal plate and gingival plate
**PowerScrew laboratory forceps with bending tube**

For securely holding and bending the holding arm of the PowerScrew.

1. Drill opening in acrylic
2. Push teeth in individually
3. Device is painlessly removed.

**Collar extractor set**

The collar extractor makes gentle removal of collar-supported palatal suture expansion devices possible. In this process, the removal finger grasps the lower edge of the collars for adhesive bonding. After removing the synthetic material above the head of the screw, the collar can be pushed from the mini anchor screw using a pin.

**Contents**
- 1 item collar extractor “for angle piece”
- 1 item needle holder
- 1 item hard metal finishing burr
- Thread grease

**Unicorn forceps**

- for painless removal of cap splint devices

1. Drill opening in acrylic
2. Push teeth in individually
3. Device is painlessly removed.

10892 Collar extractor set

Contents: Collar extractor, needle holder, hard metal finishing burr, thread grease

10597 PowerScrew laboratory forceps with bending tube

10624 Unicorn forceps with bud burr
Dual-Top™ Anchor Systems

Orthodontic anchoring system for immediate load-bearing

- Cost-effective, simple, minimally invasive and safe method
- Permits immediate load-bearing and thus can be used immediately
- Special head shapes for easy use
- With gingival protection for better patient comfort
- High degree of primary stability and durability, even during longer treatment periods
Dual-Top™ Anchor Systems

Dual-Top™ provides a system which enables practically all forms of skeletal anchoring with mini screws known in orthodontics.

Worldwide, since 2002, several thousand orthodontic treatments have been successfully performed or accompanied by Dual-Top™ screws. The special thread design ensures the greatest possible primary stability and yet allows a minimally invasive insertion under local anaesthesia which causes the patient little or no discomfort. All Dual-Top™ screws are self-drilling and self-tapping. The Dual-Top™ Anchor System has been consistently further developed since its market launch. To fulfil the various tasks of skeletal anchoring in an elegant and user-friendly way, the variable head shapes of the Dual-Top™ mini screws match the corresponding orthodontic treatment tasks. Whether tension springs, elastic chains, partial arches or orthodontic devices, the Dual-Top™ Anchor System offers the right solution.

The material titanium alloy (Ti-6Al4V) ASTM F136, has been successfully used for years in many areas of implantology and thus also meets all requirements in orthodontics.

Dual-Top™ mini anchor screws (MAS)
The material titanium alloy (Ti-6Al4V) ASTM F136, has been successfully used for years in many areas of implantology and thus also meets all requirements in orthodontics.

Osseointegration
is a recurrent issue in orthodontic mini implants. In animal studies, the DUAL-TOP mini anchor screws demonstrate that there is also deep implant-bone contact in the cortical region. However, what is astonishing is the additive bone growth in animal studies (see picture). The material used, Ti-6Al4V, as well as the very smooth implant surface prevent “in-growth” as in the case of dental implants. For this reason, removal after the end of treatment is easy and can be done without anaesthesia.

Appropriate insertion sites
In principle, all vestibular and palatal regions with attached gingiva are suitable. In this case, the space situations between and next to the roots must be clarified beforehand using X-ray images. An insertion lingually and in the fold or through loose mucosa is not recommended.

Secure hold during insertion
The head of Dual Top screws have an external hex as well as a cross-slit for inserting the screw. With the self-retaining hexagonal socket spanner in position, a secure, rotation-resistant and stable-angle hold when the screw is screwed in is guaranteed. Additional general information on inserting Dual-Top screws can be found in the Dual-Top manual.

Manual screwdriver or implant angle piece?
The advantage of the screwdriver is the good capture of the axial direction. Other than vestibularly and interradicularly, it is hardly applicable on the palatal side. Nowadays, nearly all screws are inserted at 30 rpm with the implant angle piece. A 40-mm long hexagonal screwdriver shaft is used for this purpose. Palatally, the attachment is 25 mm; retromolarly, 21 mm long.

Screw rule
The following basic rule applies in principle: “The longer and thicker the mini anchor screw selected, the better the osseointegration will be and thus the more durable and reliable the hold will be.” The Dual-Top system enables diameters of 2.0 and 2.5 mm and lengths of 10, 12, 14 and 16 mm.

Possible contraindications
1. The Dual-Top™ anchor screw should not be used if an infection is present.
2. Insertion should also be avoided in cases of known hypersensitivity to titanium alloy (Ti-6Al4V).

The same 2 mini anchor screws in the anterior palate enable:

- Distalization with TopJet Distalizer
- Expansion with PowerScrew Expander
- Retention with MICRO-TPA

M4 position The screw position for TopJet Distalizer & PowerScrew Expander. The M4 position is found in the half of the line between the palatal bump of the first premolar and the intersection with the median line.
JS jet screw & accessories

**Dual-Top JS jet screw**
- for TopJet Distalizer & PowerScrew Expander
- with smooth upper shaft
- ideal use in the anterior palate
- Ø: 2.0 / 2.5 mm, L: 10 / 12 / 14 / 16 mm

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<td>10460</td>
<td>Dual-Top JS jet screw ø 2.0-JS-012 mm</td>
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<td>10503</td>
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<td>Dual-Top JS jet screw ø 2.5-JS-012 mm</td>
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<tr>
<td>10616</td>
<td>Dual-Top JS jet screw ø 2.5-JS-014 mm</td>
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<tr>
<td>10566</td>
<td>Dual-Top JS jet screw ø 2.5-JS-016 mm</td>
</tr>
<tr>
<td>10429</td>
<td>Hexagonal screwdriver shaft, for angle piece, M4 position, 113-MJ-204, length 25 mm</td>
</tr>
<tr>
<td>10257</td>
<td>Screwdriver handle 111-010</td>
</tr>
<tr>
<td>10260</td>
<td>Pilot hole drill bit 112-MD-201, ø 1.0 mm, for screw ø 2.0 mm</td>
</tr>
</tbody>
</table>

W&H Endo NiTi WD-74 M
W&H Prosthodontic screwdriver IA-400

**W&H Endo NiTi WD-74 M**
- Transmission ratio 128:1
- Small head for best possible access to the treatment site
- Hygienic and easy to use with non-slip handle
- Thermo washer disinfectable and sterilizable

**W&H Prosthodontic screwdriver IA-400**
- Torque control for risk-free tightening of the retaining screw
- Automatic stopping when the adjusted torque is reached
- Constant speed saves time
- Cordless for ease of use
- Small head for the best view
- Torque wrenches and ratchets are redundant
## TopClip

The TopClip is a 30-mm long SS square wire (0.017”×0.025”) with a C-clip for simple attachment to the Dual-Top screw. It enables anchoring and direct arch-guided tooth movements (screw-tooth). The C-shaped clip is clipped onto the head of the screw and, when secured with RMbond®, a reversible yet rotation-resistant and stable-angle connection to the mini anchor screw results.

### TopClip family

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<td>10407</td>
<td>TopClip classic, 5 items/pack</td>
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<tr>
<td>10408</td>
<td>TopClip inline, 5 items/pack</td>
</tr>
<tr>
<td>10409</td>
<td>TopClip hook, 5 items/pack</td>
</tr>
<tr>
<td>10410</td>
<td>TopClip strong, 5 items/pack</td>
</tr>
<tr>
<td>10411</td>
<td>TopClip axial, 5 items/pack</td>
</tr>
<tr>
<td>10412</td>
<td>TopClip assortment, each 1 item per type (classic, inline, hook, strong, axial)</td>
</tr>
</tbody>
</table>

### Direct anchoring

- 1 clipped in plane
- 2 adjusted
- 3 adhered
- 4 covered

### Maximum anchoring

(rotation- and kink-resistant)

### Extension of Dual-Top screws

- axial
For easy, efficient and comfortable class II correction!

- Fast chairside insertion
- High patient comfort as a result of enclosed end piece
- No reworking required

www.flex-developer.com
The Flex Developer 2.0 (FD) is a highly efficient class II treatment device with which tooth movements are achieved and growth of the mandible is triggered.

As a result of its tension, it causes a mesial movement of the mandibular teeth and distalisation of maxillary teeth. Thus, it encourages patients to hold the mandible forward, so that, as with the Herbst device, mandibular growth is achieved. Because of its flexibility, tooth contact in centric occlusion is nonetheless possible.

Even after millions of bending cycles, the therapeutically effective force remains fully preserved and thus enables class II corrections in a very short period of time.

The spring effect is created by an unbreakable, permanently flexible polyamide rod. In this way, the FD 2.0 can be shortened to any desired length and thinned to any desired diameter. Thus forces between 50–1000 cN (cN ~ g) can be adjusted.

Since the FD 2.0 is secured in the mandible to a partial arch which transfers the mesialising force to the molars, it is particularly suited for closing gaps in the mandible.

The FD 2.0 leads to physical movement of teeth of up to 1 mm per month and can also be used unilaterally.

What is new about the Flex Developer 2.0:
- Insertion in the sliding arch and distance measurement as before
- The polyamide rod is pushed into the tube of the gauge and cut on the front edge of the end eyelet piece with the razor-sharp separating blade of the FD forceps.
- Push the locking cap on all the way and bring the two laser marks in line.
- Using the press mandrel of the FD forceps, push the fixation point in which clamps the closing piece.
- Close the hook of the locking piece. This causes the hook to completely disappear in the lateral recess.

Increased patient comfort thanks to enclosed design
Securely attached by means of defined fixation points

The hook of the locking cap completely disappears in the preshaped recess
Simple assembly of the end eyelet piece and the closing piece with the aid of the laser markings
### Flex Developer 2.0 accessories & starter set (S)

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<tr>
<td>10091</td>
<td>Twist torque measuring key set</td>
</tr>
<tr>
<td>10142</td>
<td>Twist torque working key, silver</td>
</tr>
<tr>
<td>10143</td>
<td>Twist torque working key, silver</td>
</tr>
</tbody>
</table>

**Twist tightening & working key set**

Consisting of a torque measuring key and a torque working key; for determining torque ratings in the case of torque and forces in the case of elastic bands or springs during an orthodontic treatment.

**Use of the measuring key**
Torque measurement from 0–2000 cN/mm in the 18 or 22 system.

**Use of the working key**
Third-order bends in the straight wire system also possible between 2 brackets.

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<th>Article no.</th>
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<tbody>
<tr>
<td>10860</td>
<td>Flex Developer 2.0 box, variable length, 5 pairs/pack</td>
</tr>
<tr>
<td>10904</td>
<td>Flex Developer 2.0 box, right side, 10 items/pack</td>
</tr>
<tr>
<td>10905</td>
<td>Flex Developer 2.0 box, left side, 10 items/pack</td>
</tr>
<tr>
<td>10867</td>
<td>FD 2.0 Pin pliers</td>
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<tr>
<td>10875</td>
<td>FD 2.0 Cutter</td>
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<tr>
<td>10884</td>
<td>FD 2.0 Ruler</td>
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<tr>
<td>10171</td>
<td>FD sliding arch right, 5 pcs/pkg</td>
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<tr>
<td>10172</td>
<td>FD sliding arch left, 5 pcs/pkg</td>
</tr>
<tr>
<td>11083</td>
<td>FD locking cap right, 10 pcs/pkg</td>
</tr>
<tr>
<td>11082</td>
<td>FD locking cap left, 10 pcs/pkg</td>
</tr>
<tr>
<td>11080</td>
<td>FD pins, 10 pcs/pkg</td>
</tr>
<tr>
<td>10859</td>
<td>Flex Developer 2.0 starter set, contents: FD 2.0 box variable length (5 pairs/pack.), FD 2.0 cutter, FD 2.0 ruler, Twist torque working key</td>
</tr>
</tbody>
</table>

**New! Now also spare parts for FD available: sliding archs, locking caps and pins.**

**Starter set Flex Developer**

- FD 2.0 box variable (S)
- FD 2.0 pin pliers (S) to secure the locking piece
- FD 2.0 box variable (S) (5 items left, 5 items, right FD), complete with sliding archs
- FD 2.0 pin pliers (S) to secure the locking piece
- FD 2.0 box variable (S)
- FD pin
- Twist torque working key (S) for fine adjustment of the sliding arch (p. 45)
- FD 2.0 cutter (S) to shorten the spring rod
- FD 2.0 ruler (S) for distance measurement in the mouth and exact shortening of the spring rod
Simple and effective support of skeletal mandibular growth!

- Fast chairside insertion
- High patient comfort as a result of ergonomic construction
- Sideways chewing movements also possible
- No reworking required

www.herbst-developer.com
Herbst Developer (HD)

The Herbst Developer (HD) is a fixed orthodontic device which is mainly used for skeletal treatment of distal bite (growth promotion of mandible).

While usual Herbst hinges (moulded, soldered) are introduced into the mouth in isolation and only allow the patient minimal lateral movement, the Herbst Developer is used at the headgear tube of the molar bands and on a partial arch for fixed appliance. As it corresponds to a ball joint at both ends, lateral chewing movements are also possible for the patient.

Like the Flex Developer 2.0, the Herbst Developer also glides back on the partial arch when the mouth is opened. However, as it can also lengthen like a telescope, there is double the security when the mouth is opened.

The easily bent square-edged telescope can be adjusted to the desired length and its slim design and curved form make it ideal for fitting into the lateral oral vestibule. The posterior part of the HD (guide tube) is fixed to the headgear tube using a pin bent round it.

The anterior part (glide rod) is fixed with a lug to the partial arch. This is opened and closed with simple pressure from forceps, so insertion and removal is carried out quickly and comfortably.

To support the therapy with the Herbst Developer, bite blocks on the front teeth are used as standard. These can be produced quickly and easily with the Mini Mold bite block mold.

Herbst Developer accessories & starter set (S)

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<td>10541</td>
<td>Herbst Developer, 1 pair</td>
</tr>
<tr>
<td></td>
<td>Incl. sliding arch and pin, distance clips</td>
</tr>
<tr>
<td></td>
<td>(2 x 2 / 2 x 3.5 / 2 x 5 mm)</td>
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<tr>
<td>10542</td>
<td>HD distance clips range</td>
</tr>
<tr>
<td>10540</td>
<td>HD pins, 10 pcs/pkg</td>
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<tr>
<td>10548</td>
<td>HD ruler</td>
</tr>
<tr>
<td>10845</td>
<td>HD forceps</td>
</tr>
<tr>
<td>10891</td>
<td>Herbst Developer starter set</td>
</tr>
<tr>
<td></td>
<td>Contents: HD 2 pairs, sliding arch, pins, distance clips (2 x 2 / 2 x 3.5 / 2 x 5 mm),</td>
</tr>
<tr>
<td></td>
<td>1 item HD forceps 1 item HD ruler, 1 item diamond disk, 1 item Orthoholder, 2 items</td>
</tr>
<tr>
<td></td>
<td>bite block molds</td>
</tr>
</tbody>
</table>

New! Now also pins available as spare parts.
Mini Mold with Orthoholder set

Front tooth bite blocks for the intrusion of front teeth are produced in seconds using the Mini Mold.

At 8.4 mm, they are long enough to be simply shortened if needed. Existing bite blocks can also be simply lengthened by reapplying the Mini Mold. The Orthoholder runs in parallel to the bite block level which guarantees continuously constant results. The lateral auxiliary line ensures that all bite blocks are at the same height. Tip: Simply mark the auxiliary line additionally with a black marker.

For reasons of abrasion, non-filled light-curing materials are recommended (e.g. Heliosit).

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<td>10609</td>
<td>Mini Mold with Orthoholder set 2 items bite block molds, 1 item bite block holder</td>
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<tr>
<td>10544</td>
<td>Mini Mold bite block molds, 2 items/pack</td>
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</table>

Application of the mini mold with the Orthoholder
The piggy back spring creates space at a number of distances!

- Fast, simple insertion and activation
- Many application possibilities
- Six colour-coded sizes
Piggy back spring

Clamable tension spring element
During the levelling phase, there is often a need to apply pressure to crowded teeth. Despite brackets, the piggy back spring can be attached in seconds without removing the treatment arch. Squeeze hook and - all done. The simultaneous use of brackets in the area of crowding is thus possible.

6 sizes
Six different lengths enable space to be gained from the individual tooth region to the canine-canine distance. Different colours are assigned to the individual sizes. Approx. 200 cN force development (progressively decreasing) with full compression

Indications
- Space gained in the case of crowded front teeth
- Gap opening in the area of the posterior teeth
- Derotation of teeth
- Alignment of lingually tilted mandibular canine teeth (CC)
- Mesialising of posterior teeth

Before

After 7 weeks

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<td>10109</td>
<td>Piggy back spring starter set, 1 item each size (F1, B1, F2, B2, U3, CC)</td>
</tr>
<tr>
<td>10255</td>
<td>Piggy back spring assortment, 5 items each size (F1, B1, F2, B2, U3, CC)</td>
</tr>
<tr>
<td>10215</td>
<td>Piggy back spring individual box F1, transparent, 5 items/pack</td>
</tr>
<tr>
<td>10216</td>
<td>Piggy back spring, individual box B1, orange, 5 items/pack</td>
</tr>
<tr>
<td>10218</td>
<td>Piggy back spring, individual box F2, red, 5 items/pack</td>
</tr>
<tr>
<td>10220</td>
<td>Piggy back spring, individual box B2, blue, 5 items/pack</td>
</tr>
<tr>
<td>10221</td>
<td>Piggy back spring, individual box U3, green, 5 items/pack</td>
</tr>
<tr>
<td>10226</td>
<td>Piggy back spring, individual box CC, black, 5 items/pack</td>
</tr>
</tbody>
</table>

Piggy back spring F1, transparent, bypass of front tooth bracket
Piggy back spring B1, orange, bypass of side tooth bracket
Piggy back spring F2, red, bypass of 2 front tooth brackets
Piggy back spring B2, blue, bypass of 2 side tooth brackets
Piggy back spring U3, green, universal
Piggy back spring CC, black, canine-canine distance

9–28 mm
The reliable patient mirror for dialogue and trust!

• Fast, direct communication between the handler and the patient
• Simple operation
• Easy assembly
**Reflex Communicator patient mirror**

The Reflex Communicator patient mirror, which has been proven for years on treatment lamps with halogen technology, is now also available for the Sirona LEDview.

The Reflex Communicator LED patient mirror simply takes over the function of facilitator between the physician and the patient. The patient can follow with his/her own eyes what is happening in his/her mouth. This leads to trust without using many words.

The handler can fold away the mirror at any time at the touch of a button. Thus anything anxiety-producing remains invisible.

**What is new about the Reflex Communicator LED:**
- Attractive, adaptive design for the Sirona LEDview
- Simple, secure adhesive attachment on the lamp housing using a positioning pin and safety thread.
- Individually customizable adjustment force
- Pivoting range up to 35°

**Areas of application**
- Orthodontics
- Oral hygiene demonstrations
- Advice consultations
- Parodontal sessions
- Relieves anxiety for children and adults

---

**Reflex Communicator LED**

The Reflex Communicator LED is a light-mounted, foldable patient mirror for the Sirona LEDview.

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<td>10818</td>
<td>Reflex Communicator LED patient mirror with adapter for Sirona LEDview</td>
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Being able to watch during the treatment creates trust

Pivoting range up to 35°; adjustment force and end stop can be adjusted:

a) Adjustment of the mirror swinging clamping,

b) Adjustment of the angle of the mirror swinging

---
Reflex patient mirror 70/90 mm für Sirona LEDview Plus & further halogen lamps

Proven round design! Our classic, round Reflex patient mirror fits on the current and excellent Sirona LEDview Plus dental light. The round Reflex patient mirror fits on the Sirona LEDview Plus as well as most older halogen lights and is very easy to install. There is an adapter for the Sirona fantastic.

### Reflex patient mirror 70/90 mm für Sirona LEDview Plus & further halogen lamps

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<td>Reflex patient mirror, Ø 90 mm, with Sirolux adapter</td>
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<tr>
<td>10103</td>
<td>Reflex patient mirror, Ø 70 mm</td>
</tr>
<tr>
<td>10104</td>
<td>Reflex patient mirror, Ø 70 mm, with Sirolux adapter</td>
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### Siziliana patient protection glasses

Tinted, extremely scratch-proof, anatomic fit. Glare protection and maximum protection from injuries, 100% UV-absorbing

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<tr>
<td>10099</td>
<td>Siziliana patient protection glasses</td>
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Intraoral Photography

Accessories for professional dental photography!

- Dental mirrors & contrastors
- Lip & cheek retractors
### Ultrabright Dental Mirrors

The Ultrabright Dental Mirrors aim to reflect almost 100%. Their special shape and various sizes are the perfect combination of ideal reflective surfaces, safe handling and best patient comfort. The silicon handle can be sterilised. It is also colour-coded and ensures safe handling, even when removing the mirror through the resulting hollow*.

**Technical information**
- Highly scratch-resistant
- 22 x surface reflection
- Level of reflection almost 100%
- Surface protection in hollow*
- Very faithful colour reflection
- Temperature resistant up to 200°C
- Corrosion resistant
- Safe grip thanks to colour-coded Silicon handle

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<tr>
<td>10740</td>
<td>Mirror 11 occlusal 55 mm ultrabright II – black handle</td>
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<tr>
<td>10741</td>
<td>Mirror 12 occlusal 65 mm ultrabright II – red handle</td>
</tr>
<tr>
<td>10743</td>
<td>Mirror 13 occlusal 70 mm ultrabright II – blue handle</td>
</tr>
<tr>
<td>10744</td>
<td>Mirror 14 lingual 40 mm ultrabright II – transparent handle</td>
</tr>
<tr>
<td>10745</td>
<td>Mirror 15 buccal 40 mm ultrabright II – green handle</td>
</tr>
<tr>
<td>10746</td>
<td>Mirror 16 buccal 30 mm ultrabright II – orange handle</td>
</tr>
<tr>
<td>10747</td>
<td>Mirror 17 occlusal 75 mm ultrabright II – yellow handle</td>
</tr>
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</table>

*Scratch-resistant through hollow position

### Contrasters

The contrastors are indispensable for professional, intraoral photography. We distinguish between contrastors for front teeth images and occlusal contrastors which also serve as excellent cheek and lip retractors. They consist of matt black coated aluminium, are available in different sizes with colour-coded, sterilisable silicon handles and are rounded off in the shape of the palate at the top.

**Technical information**
- Matt black contrastors for occlusal and front tooth use
- Different sizes with colour-coded silicon handle, sterilisable
- Contrastors allow clean free images, e.g. the front teeth

**Tip:** For our images, the cheek retractors are held by the patient, the contrastor is placed and inserted. This leaves the hands free for taking the photograph.

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<td>10748</td>
<td>Contrastor 30 labial 50 mm – green handle</td>
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<tr>
<td>10749</td>
<td>Contrastor 31 labial 55 mm – orange handle</td>
</tr>
<tr>
<td>10750</td>
<td>Contrastor 32 labial 65 mm – red handle</td>
</tr>
<tr>
<td>10751</td>
<td>Contrastor 35 occlusal 51 mm – black handle</td>
</tr>
<tr>
<td>10752</td>
<td>Contrastor 36 occlusal 53 mm – red handle</td>
</tr>
<tr>
<td>10753</td>
<td>Contrastor 37 occlusal 60 mm – blue handle</td>
</tr>
<tr>
<td>10754</td>
<td>Contrastor 38 occlusal 65 mm – green handle</td>
</tr>
</tbody>
</table>
The excellent functionality of these lip retractors is impressive. Available in sizes “small” (49 mm) and “normal” (59 mm) width. Autoclavable at 121°C.

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<tr>
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<tbody>
<tr>
<td>10822</td>
<td>Lip Retractor for occlusal exposure, normal, 1 pcs.</td>
</tr>
<tr>
<td>10825</td>
<td>Lip Retractor for occlusal exposure, small, 1 pcs.</td>
</tr>
</tbody>
</table>

The cheek retractors make overview images easy. They are available in different shapes and sizes. Autoclavable at 130°C and 3 bar.

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<tr>
<td>10755</td>
<td>Cheek Retractor 51 for children, 2 pcs/pkg</td>
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<tr>
<td>10756</td>
<td>Cheek Retractor 52 for adults, 2 pcs/pkg</td>
</tr>
<tr>
<td>10795</td>
<td>Cheek Retractor 54, 2 pcs/pkg</td>
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<tr>
<td>10757</td>
<td>Cheek Retractor 56, 2 pcs/pkg</td>
</tr>
<tr>
<td>10758</td>
<td>Cheek Retractor 59, 2 pcs/pkg</td>
</tr>
<tr>
<td>10759</td>
<td>Cheek Retractor 60, 2 pcs/pkg</td>
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</tbody>
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- Cheek retractor 51, self-tensioning, holding width 34 mm
- Cheek retractor 52 self-tensioning, holding width 46 mm
- Cheek retractor 54, holding width 35/50 mm
- Cheek retractor 56, holding width 30/43 mm
- Cheek retractor 59, holding width 34 mm
- Cheek retractor 53, holding width 34/40 mm
- Cheek retractor 54, holding width 35/50 mm
- Cheek retractor 60, holding width 46 mm
Head & chin caps

Functionally proven quality in a wide variety of colours

- Progenie head/chin cap set
- Vertix vertical head-chin cap set
- Combiquick head caps
- Accessories
Progenie head/chin cap set

Solid construction & fashionable colours
The head cap is solidly constructed, colour-fast and can be easily washed, with no shrinking. Wide straps guarantee comfortable distribution of pressure. The number of colour combinations allows each child to find his or her favourite combination (16 variants per size).

The spring modules (up to 600 g) are extra flat and have an unbreakable metal safety clip. Oval holes facilitate mounting the chin cup. The chin cup has a very good ventilation and, because of its so-called "swim ring effect", it offers an enlarged support surface without involving the tip of the chin. As a result, it can be worn round the clock. Its outer arms are specially rounded to prevent the risk of injury and snagging.

Indications
- For early treatment of class III,
- For treatment of maxilla/mandible
- For growth discrepancies

Contents of set
- Washable head cap
- Vented chin cup (OPAC)
- 1 pair safety modules 150–600 g
- 10 pc. ring-shaped cushion pads
- 1 deerskin insert

Progenie head cap

Available in 16 colour combinations, comfortable to wear, durable and easily washable without shrinking. For class III treatments.

Article no. | Designation & contents
--- | ---
10118 | Progenie head/chin cap set, black/red
10120 | Progenie head/chin cap set, black/lilac
10122 | Progenie head/chin cap set, red/lilac
10123 | Progenie head/chin cap set, red/black
10124 | Progenie head/chin cap set, red/dark blue
10125 | Progenie head/chin cap set, light blue
10126 | Progenie head/chin cap set, light blue/yellow
10127 | Progenie head/chin cap set, dark blue
10128 | Progenie head/chin cap set, dark blue/red
10130 | Progenie head/chin cap set, lilac/black
10132 | Progenie head/chin cap set, pink/lilac
10133 | Progenie head/chin cap set, denim
10135 | Progenie head/chin cap set, neon yellow/black
10137 | Progenie head/chin cap set, neon green/black
10144 | Progenie head/chin cap set, light blue/red
10119 | Progenie head/chin cap set, black

Article no. | Designation & contents
--- | ---
10023 | Head cap, black
10025 | Head cap black/red
10027 | Head cap black/lilac
10029 | Head cap red/black
10030 | Head cap red/dark blue
10031 | Head cap light blue
10032 | Head cap red/light blue
10033 | Head cap light blue/red
10034 | Head cap light blue/yellow
10035 | Head cap dark blue
10036 | Head cap dark blue/red
10038 | Head cap lilac/black
10040 | Head cap pink/lilac
10041 | Head cap jeans
10043 | Head cap neon yellow/black
10045 | Head cap neon green/black
Vertix – vertical head/chin cap set

Vertix is a purely vertical chin cap with a vertical tensile direction just lateral to the orbital rim. This results in a lifting of the chin with simultaneous relief in the mandibular joint region.

The head cap (Combiquick) gets its precise snug fit by positioning the strap beneath the cranial equator through two individually adjustable, concealed Velcro fasteners. This also enables the head cap to have a high degree of force without shifting. Forces from 150 to 600 cN (grams) can be adjusted at the safety modules.

The long outer arms of the chin cup prevent constriction at the cheeks. As a result of the increased pressure, the molars are intruded and this effect is increased by the bite blocks. In combination with posterior bite blocks and spikes in the area of the front teeth, Vertix is the ideal treatment device for a frontally or circularly open bite.

In addition, the vertical chin cap ensures that the mouth is gently closed (at night), which helps persons with chronic mouth breathing change to nasal breathing.

Since the application of force is exclusively skeletal (chin region), Vertix is also suitable for postoperative use following orthognathic corrections. The use of the vertical chin cap is successful particularly in cases of threatened postoperative open bite.

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<td>10074</td>
<td>Vertix vertical head/chin cap set, marine, S</td>
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<tr>
<td>10075</td>
<td>Vertix vertical head/chin cap set, marine, M</td>
</tr>
<tr>
<td>10077</td>
<td>Vertix vertical head/chin cap set, marine, L</td>
</tr>
</tbody>
</table>

Indications
- For cases of frontally or circularly open bite (particularly in combination with spikes and molar bite blocks)
- Mouth closure in persons with habitual mouth breathing
- Postoperatively following dysgnathia corrections and threatened open bite.

Contents of set
- Head cap Combiquick marine
- Chin cup with long outer arms
- 1 pair Helix safety modules
- Cushion pads

Combiquick head cap

The Combiquick head cap is the basis for the vertical “Vertix” chin cap. Its clever closure concept ensures a secure hold, even on persons with long hair. A high degree of wear comfort enables unimagined therapeutic possibilities.

The head cap gets its precise snug fit by positioning the strap beneath the cranial equator through two individually adjustable, concealed Velcro fasteners. This also enables the head cap to have a high degree of force without shifting.

Protraction face masks (see photo in lower right) can be easily and quickly secured to the Combiquick head cap using 4 rivets. This ensures a secure hold and greater distribution of pressure. No annoying shifting during sleep.

Tip: For improved cleaning, the forehead area of the Combiquick head cap can be wrapped with medical gauze which is changed at regular intervals.

<table>
<thead>
<tr>
<th>Article no.</th>
<th>Designation &amp; contents</th>
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<tbody>
<tr>
<td>10069</td>
<td>Combiquick head cap, marine, size S</td>
</tr>
<tr>
<td>10070</td>
<td>Combiquick head cap, marine, size M</td>
</tr>
<tr>
<td>10071</td>
<td>Combiquick head cap, marine, size L</td>
</tr>
</tbody>
</table>
Chin caps
- A high degree of wear comfort through the ring-shaped cotton lining creates a pressure zone which is 5 times as large, as well as very good ventilation and skin tolerance.
- The hooks are small and rounded, for improved safety.
- Available in 7 colours, pierced and perforated.

Short outer arms
- For Progenie head/chin cap set

Long outer arms
- For Vertix vertical head/chin cap set
  (7-cm long outer arms)

Helix safety modules
The safety modules are extra flat and have an unbreakable metal safety clip. Oval holes facilitate mounting the chin cup.

Additional details about the Helix safety modules:
- adjustable from 150 to 600 g
- metal clip
- sturdy
- very flat

Deerskin inserts & cushion pads
Deerskin inserts
- Replaceable, ideal for sensitive skin

Cushion pads
- made of cotton batting, perforated, lint-free, for daily changes,
- creates a "swim ring effect"

Deerskin inserts & cushion pads

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<tr>
<th>Article no.</th>
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<tbody>
<tr>
<td>10055</td>
<td>Chin cap, perforated, short outer arms, white</td>
</tr>
<tr>
<td>10056</td>
<td>Chin cap, perforated, short outer arms, yellow</td>
</tr>
<tr>
<td>10057</td>
<td>Chin cap, perforated, short outer arms, orange</td>
</tr>
<tr>
<td>10058</td>
<td>Chin cap, perforated, short outer arms, red</td>
</tr>
<tr>
<td>10059</td>
<td>Chin cap, perforated, short outer arms, pink</td>
</tr>
<tr>
<td>10060</td>
<td>Chin cap, perforated, short outer arms, blue</td>
</tr>
<tr>
<td>10061</td>
<td>Chin cap, perforated, short outer arms, green</td>
</tr>
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<td>10062</td>
<td>Chin cap, perforated, long outer arms, white</td>
</tr>
<tr>
<td>10063</td>
<td>Chin cap, perforated, long outer arms, blue</td>
</tr>
<tr>
<td>10081</td>
<td>Helix safety modules, black, 1 pair</td>
</tr>
<tr>
<td>10082</td>
<td>Helix safety modules, white, 1 pair</td>
</tr>
<tr>
<td>10083</td>
<td>Helix safety modules, blue, 1 pair</td>
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<tr>
<td>10084</td>
<td>Helix safety modules, pink, 1 pair</td>
</tr>
<tr>
<td>10085</td>
<td>Helix safety modules, yellow, 1 pair</td>
</tr>
<tr>
<td>10086</td>
<td>Helix safety modules, green, 1 pair</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Article no.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>10249</td>
<td>Deerskin inserts, for chin caps 10 items/pack</td>
</tr>
<tr>
<td>10202</td>
<td>Cushion pads (cotton pads), perforated, 100 items/pack</td>
</tr>
</tbody>
</table>

Deerskin insert placed in the chin cap
Cushion pad placed in the chin cap
Polishing & grinding tools

Innovative individual products – for treatment and surgery

- Gyrolan grinding and polishing wheels
- Gyroform fleece polisher
Gyrolan grinding and polishing wheels

Gyrolan grinding and polishing wheels are characterised by their cooling air ventilation during the processing operation. As a result, they are particularly suitable for processing heat-sensitive materials such as thermoforming films (e.g. positioners, mouth protection), acrylic (retainers), rubber and foam rubber (bunion pads and wedges to be worn between the toes, etc.) and eyeglass frames but also for smoothing and thinning freshly cut, thickened nails (manicures and pedicures).

Tip: If the wheels are very worn, they can continue to be used without the supporting disks for difficult detail work. Always wear protective goggles and a fine particle mask!

Possible applications
- Dental field
- Orthopaedic field
- Optometry
- Manicures and pedicures

Ideal rpm: 10,000 rpm

The Gyrolan Wheels are produced in 4 different grades:

<table>
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<tr>
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<tbody>
<tr>
<td>10020</td>
<td>Gyrolan grinding/polishing wheels, assortment, contents: 6 items fine, 6 items medium, 6 items coarse, 6 items very coarse, 4 items washers, 2 items mandrels</td>
</tr>
<tr>
<td>10021</td>
<td>Gyrolan grinding/polishing wheels, fine, 25 items/pack, incl. 4 washers and 2 mandrels</td>
</tr>
<tr>
<td>99999</td>
<td>Gyrolan grinding/polishing wheels, medium, 50 items/pack, incl. 4 washers and 2 mandrels</td>
</tr>
<tr>
<td>10089</td>
<td>Gyrolan grinding/polishing wheels, coarse, 25 items/pack, incl. 4 washers and 2 mandrels</td>
</tr>
<tr>
<td>10090</td>
<td>Gyrolan grinding/polishing wheels, very coarse, 25 items/pack, incl. 4 washers and 2 mandrels</td>
</tr>
</tbody>
</table>

The Gyroform fleece polishers enable rapid preparation of cast metal frameworks as well as soldered joints of any type. Air is supplied without interruption for cooling while work is being performed. The most outstanding property of this fleece polisher is the compaction of surfaces during the grinding and polishing process. Regular grinding tools roughen the surface and have a cutting effect, however the fleece polishers have a compacting effect. This results in a high degree of accuracy of fit. This is a considerable advantage when working with titanium cast parts.

With the new Gyroform fleece polisher, it is also possible to work through cast parts or soldered metal elements in one go from the cast blank to the gloss surface. In addition to these outstanding properties, the Gyroform fleece polisher has an extremely long service life.

We offer Gyroform polishers in 2 different materials:

**Brown**
Increased abrasion and suitable for performing rework on soldered areas or metal edges. This results in a mirror finish at the same time.

**Blue-green**
Ideal for polishing metal parts but also suitable for abrasion and smoothing of acrylic. In particular, edges and protrusions can be easily removed. As a result of the simultaneous air stream, the material is cooled which precludes lubrication. Particularly suitable in casting of steel partial dentures. These can be prepared in one piece from an unfinished casting to high gloss.

The Gyroform fleece polishers are produced in 4 different grades:

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<th>Article no.</th>
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<tbody>
<tr>
<td>10145</td>
<td>Gyroform fleece polisher 15/6 mm, brown, 10 items/pack incl. mandrel</td>
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<tr>
<td>10147</td>
<td>Gyroform fleece polisher 15/6 mm, green, 10 items/pack incl. mandrel</td>
</tr>
<tr>
<td>10148</td>
<td>Gyroform fleece polisher 25/3 mm, brown, 5 items/pack incl. mandrel</td>
</tr>
<tr>
<td>10149</td>
<td>Gyroform fleece polisher 25/3 mm, brown, 41 items/pack incl. mandrel</td>
</tr>
<tr>
<td>10150</td>
<td>Gyroform fleece polisher 25/3 mm, brown, 200 items/pack</td>
</tr>
<tr>
<td>10151</td>
<td>Gyroform fleece polisher 25/3 mm, green, 5 items/pack incl. mandrel</td>
</tr>
<tr>
<td>10152</td>
<td>Gyroform fleece polisher 25/3 mm, green, 41 items/pack incl. mandrel</td>
</tr>
<tr>
<td>10153</td>
<td>Gyroform fleece polisher 25/3 mm, green, 200 items/pack</td>
</tr>
</tbody>
</table>

Our recommendation for your laboratory!
Additional products

Individual products for treatment and surgery

- RMbond® in an applicator syringe
- Bass-o-lino lingual pads
- Skippy patient slide-closure pouch
- Torpedo hard metal finishing burr
**Practical, transparent plastic pouch with slide closure**

For carrying treatment devices, documents and toothbrushes during an office visit or while on the go. A patient favourite.

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<thead>
<tr>
<th>Artikel-Nr.</th>
<th>Bezeichnung &amp; Inhalt</th>
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<tr>
<td>10233</td>
<td>Skippy, patient/slide-closure pouch, for DIN A5, 10 items/pack</td>
</tr>
<tr>
<td>10306</td>
<td>Skippy, patient/slide-closure pouch, for DIN A5, 100 items/pack</td>
</tr>
</tbody>
</table>

**Skippy patient slide-closure pouch**

- **Examples**: Treatment device

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**Bassolino**

**Lingual pads for Bass activator**

Since the lingual forward advancement pads on the activator are exclusively skeletal-borne, there is no protrusion of the lower incisors, which is an outstanding advantage. The lower side of the device is flat, without impressions, and enables the lower incisors to come in undisturbed.

The simple construction ensures a high degree of wear comfort and allows the patient to speak easily. Simultaneous bracket treatment in the mandible is possible. Dr. Winsauer (Innsbruck 06/2001) was able to show that, through the simultaneous use of class III elastic bands (brackets 73–83 to hook in the posterior bite block section), a significant retrusion of protruding mandibular incisors is possible despite the effects of an activator.

**Additional products**

- **RMbond® applicator syringe**
  - Self-leveling, light-curing synthetic material. Ideal for covering and securing wires. Especially suitable for covering screw heads (can be removed with gentle pressure with the cutter).
  - **Artikel-Nr.** 11051  
    - **Bezeichnung & Inhalt** RMbond, 2 applicator syringes per 1.5 g incl. 10 tips

- **Bassolino**
  - **Article no. Designation & contents**
    - 10201 Bass-o-lino, forward advancement pads, 1 pair, 1.5 mm, spring-tempered
    - 10815 Bass-o-lino, forward advancement pads, 10+2 pairs gratis, 1.5 mm, spring-tempered

- **Hard metal finishing burr, Torpedo**
  - For adhesive removal after DBO, gentle to enamel, long service life
  - **Article no. Designation & contents**
    - 10316 Hard metal finishing burr, Torpedo
The team of Tiger Dental

Dagmar Böhler
Customer service DACH, Accounting
P +43 5574 435043
dagmar.boehler@tigerdental.com

Eva Diem
Customer service international, Organization courses & lectures, Quality management
P +43 5574 435043
eva.diem@tigerdental.com

Tatjana Sutter
Wholesale service, Purchasing & Sales international
P +43 5574 435043
tatjana.sutter@tigerdental.com

Andrea Schütz
Production
T +43 5574 435043

Carsten Deák
Design & Marketing
P +43 5574 435043
carsten.deak@tigerdental.com