



302-000-00	1 Set
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CE 0483

## tomas®-set (starter-set)

### Skeletal anchorage for orthodontic tooth movement

The tomas®-set contains all components of the system and is recommended to start out in this technique.

#### Contents of Assortment:

- 4 x tomas®-pin 08, REF 302-008-00
- 4 x tomas®-punch (gingiva-remover), REF 302-001-00
- 1 x tomas®-tray, REF 302-005-00
- 5 x tomas®-locator (positioner), REF 302-002-00
- 1 x tomas®-round drill 1.0 (round bur), REF 302-003-00
- 1 x tomas®-drill 1.1, pilot drill (pilot bur), REF 302-003-11
- 1 x tomas®-drill 1.2, pilot drill (standard pilot bur), REF 302-003-12
- 1 x tomas®-applicator, REF 302-004-20
- 1 x tomas®-wheel ø 10 mm (nut), REF 302-004-30
- 1 x tomas®-torque ratchet, REF 302-004-40
- 1 x tomas®-driver (mechanical screwing aid), REF 302-004-50
- 1 x tomas®-model, REF 302-006-00
- 1 x instructions for use



302-200-00	1 kit
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CE 0483

## tomas®-set SD

The tomas®-set contains all components of the system and is recommended to start out in the technique with selfdrilling tomas®-pins.

#### Contents of Assortment:

- 4 x tomas®-pin SD 08, REF 302-108-00
- 2 x tomas®-punch (gingiva-remover), REF 302-001-00
- 1 x tomas®-tray, REF 302-005-00
- 1 x tomas®-locator (positioner), REF 302-002-00
- 1 x tomas®-round drill 1.0 (round bur), REF 302-003-00
- 1 x tomas®-drill SD selfdrilling, REF 302-103-00
- 1 x tomas®-screw driver, REF 302-004-10
- 1 x tomas®-applicator, REF 302-004-20
- 1 x tomas®-wheel ø 10 mm (nut), REF 302-004-30
- 1 x tomas®-torque ratchet, REF 302-004-40
- 1 x tomas®-driver (mechanical screwing aid), REF 302-004-50
- 1 x tomas®-model, REF 302-006-00

## tomas®-pin 06 selftapping

sterile packaging

Thread length: 6 mm  
 ø 1.6 mm

Color coded packaging: yellow

302-006-11	1 piece
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CE 0483



## tomas®-pin 08 selftapping

sterile packaging

Thread length: 8 mm  
 ø 1.6 mm

Color coded packaging: blue

302-008-00	1 piece
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## tomas®-pin 10 selftapping

sterile packaging

Thread length: 10 mm  
 ø 1.6 mm

Color coded packaging: green

302-010-00	1 piece
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CE 0483



## tomas®-punch (gingiva-remover)

sterile packaging

For perforating the soft tissue at the insertion area prior to insertion of the tomas®-pin.  
 ø 2 mm

302-001-00	4 pieces
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CE 0483



## tomas®-X marker (X-Raying Guide)

Sterilizable

Positioning guide to find the correct area of insertion for the tomas®-pin.

302-004-19	1 piece
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## tomas®-round drill 1.0 (round bur)

Sterilizable

Used as a drill start in the bone prior to the pilot drill.

302-003-00	1 piece
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CE 0483



## tomas®-drill 1.0, pilot drill (pilot bur)

Sterilizable

For pilot drilling in the maxilla only. The drilling must be undertaken at 800 rpm (max. 1500 rpm) with a sterile, cooled physiological saline solution in the maxilla only.

Not included in set.

Length: 10 mm  
 ø 1.0 mm

Color coded packaging: red

302-003-10	1 piece
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CE 0483





302-003-11	1 piece
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CE 0483

## tomas®-drill 1.1, pilot drill (pilot bur)

### Sterilizable

For pilot drilling. The drilling must be undertaken at 800 rpm (max. 1500 rpm) with a sterile, cooled physiological saline solution.

**Length: 10 mm**

**ø 1.1 mm**

**Color coded packaging: red**



302-003-08	1 piece
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CE 0483

## tomas®-drill 1.1 T8, pilot drill (pilot bur)

### Sterilizable

For pilot drilling. The drilling must be undertaken at 800 rpm (max. 1500 rpm) with a sterile, cooled physiological saline solution.

**Not included in set.**

**Length: 8 mm**

**ø 1.1 mm**

**Color coded packaging: red**



302-003-12	1 piece
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CE 0483

## tomas®-drill 1.2, pilot drill (standard pilot bur)

### Sterilizable

For pilot drilling. The drilling must be undertaken at 800 rpm (max. 1500 rpm) with a sterile, cooled physiological saline solution.

**Length: 10 mm**

**ø 1.2 mm**

**Color coded packaging: yellow**



302-004-20	1 piece
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CE

## tomas®-applicator

### Sterilizable

For manual tomas®-pin insertion.

**Color coded packaging: yellow**



302-004-30	1 piece
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CE

## tomas®-wheel (nut)

### Sterilizable

To be used with the tomas®-applicator (REF 302-004-20) for the manual insertion of the tomas®-pin.

**ø 10 mm**



302-004-40	1 piece
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CE

## tomas®-torque ratchet

### Sterilizable

To be used with the tomas®-applicator (REF 302-004-20) for the manual insertion of the tomas®-pin. The torque setting should not exceed 20 Ncm.

## tomas®-screw driver

### Sterilizable

For manual tomas®-pin insertion.

### Contents of Assortment:

- 1 tomas®-screw driver handle
- 1 tomas®-screw driver tip
- 1 tomas®-screw driver key 0.9
- 1 tomas®-screw driver key 3.0
- 1 tomas®-screw driver allen set screw

302-004-10	1 pièce
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CE



## tomas®-driver

### Sterilizable

For mechanical insertion of the tomas®-pin with the aid of a lockable torque instrument. The setting should be limited to 20 Ncm and the rpm to a maximum of 25.

**Color coded packaging: yellow**

302-004-50	1 piece
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CE



## tomas®-tray

### Sterilizable

302-005-00	1 piece
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## tomas®-model

For patient demonstration.

302-006-00	1 piece
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302-106-00	1 piece
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CE 0483

## tomas®-pin SD 06 selfdrilling

sterile packaging

Thread length: 6 mm

ø 1.6 mm

Color coded packaging: yellow



302-108-00	1 piece
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CE 0483

## tomas®-pin SD 08 selfdrilling

sterile packaging

Thread length: 8 mm

ø 1.6 mm

Color coded packaging: blue



302-110-00	1 piece
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CE 0483

## tomas®-pin SD 10 selfdrilling

sterile packaging

Thread length: 10 mm

ø 1.6 mm

Color coded packaging: green



302-103-00	1 piece
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CE 0483

## tomas®-drill SD selfdrilling

### Sterilizable

For perforation of the compact bone when using self-drilling tomas® pins. The drilling must be undertaken at 800 rpm (max. 1500 rpm) with a sterile, cooled physiological saline solution.

**Not included in set.**

**Length: 4.0 mm**

**ø 1.1 mm**

Color coded packaging: red

### tomas® - demonstration pin

For patient demonstration.

Ratio: 5 : 1

302-007-00	1 piece
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### tomas® - Info-CD-ROM

Including comprehensive case documentation and examples of use.

Multilingual: German, English, French, Spanish, Italian

903-944-60	1 piece
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### tomas® - Illustrated Atlas "Skeletal Anchorage" Part 1

40 diagrams of examples of use for the following indication groups:

- active tooth movement
- passive stabilisation
- preprosthetic therapy

© Dr. Benedict Wilmes

989-559-60	1 piece
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### tomas® - Illustrated Atlas "Skeletal Anchorage" Part 2

Virtual examples of use and case documentation for the following indication groups:

- active tooth movement
- passive stabilisation

© Dentauro J. P. Winkelstroeter KG

989-568-60	1 piece
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400-601-00	1 set
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CE 0483

\* Heliosit® is a registered trademark of Ivoclar Vivadent, Inc.

## tomas®-auxiliary kit 18 (Set of Accessories for the Slot 18 Technique)

The tomas®-auxiliary kit contains accessories for mesializing, distalizing and uprighting of teeth in connection with the tomas®-pin.

### Contents of Assortment:

- 10 x tomas®-coil spring light, REF 302-012-00
- 10 x tomas®-coil spring medium, REF 302-012-10
- 10 x tomas®-coil spring heavy, REF 302-012-20
- 10 x tomas®-stop screw, REF 302-013-00
- 10 x tomas®-cross tube 18, REF 302-014-18
- 10 x tomas®-power arm square, REF 302-015-00
- 10 x tomas®-power arm round, REF 302-019-00
- 10 x tomas®-Nikodem spring 7, REF 302-016-07
- 10 x tomas®-Nikodem spring 11, REF 302-016-11
- 10 x tomas®-Nikodem spring 14, REF 302-016-14
- 10 x tomas®-uprighting spring, REF 302-009-00
- 10 x tomas®-monkey hook, REF 400-600-26
- 10 x tomas®-crimp hook 4L (left), REF 302-020-00
- 10 x tomas®-crimp hook 4R (right), REF 302-020-10
- 10 x tomas®-slotted stops 18, REF 302-021-18
- 1 x Heliosit® Orthodontic\*, REF 400-600-27
- 1 x Clamping tweezers, REF 025-276-00
- 1 x tomas®-auxiliary box, REF 302-023-00

## tomas®-auxiliary kit 22 (Set of Accessories for the Slot 22 Technique)

The tomas®-auxiliary kit contains accessories for mesializing, distalizing and uprighting of teeth in connection with the tomas®-pin.

### Contents of Assortment:

- 10 x tomas®-coil spring light, REF 302-012-00
- 10 x tomas®-coil spring medium, REF 302-012-10
- 10 x tomas®-coil spring heavy, REF 302-012-20
- 10 x tomas®-stop screw, REF 302-013-00
- 10 x tomas®-cross tube 18, REF 302-014-18
- 10 x tomas®-power arm square, REF 302-015-00
- 10 x tomas®-power arm round, REF 302-019-00
- 10 x tomas®-Nikodem spring 7, REF 302-016-07
- 10 x tomas®-Nikodem spring 11, REF 302-016-11
- 10 x tomas®-Nikodem spring 14, REF 302-016-14
- 10 x tomas®-uprighting spring, REF 302-009-00
- 10 x tomas®-monkey hook, REF 400-600-26
- 10 x tomas®-crimp hook 4L (left), REF 302-020-00
- 10 x tomas®-crimp hook 4R (right), REF 302-020-10
- 10 x tomas®-slotted stops 18, REF 302-021-18
- 1 x Heliosit® Orthodontic\*, REF 400-600-27
- 1 x Clamping tweezers, REF 025-276-00
- 1 x tomas®-auxiliary box, REF 302-023-00

<b>400-600-00</b>	1 set
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CE 0483

\* Heliosit® is a registered trademark of Ivoclar Vivadent, Inc.



## tomas®-coil spring light

Strength category: super elastic  
With eyelets for easy engagement in the tomas®-pin and a hook.

**Inner ø 0.9 mm / 36**  
**Wire ø 0.21 mm / 9**  
**Length: 8 mm**

<b>302-012-00</b>	10 pieces
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CE 0483



## tomas®-coil spring medium

Strength category: super elastic  
With eyelets for easy engagement in the tomas®-pin and a hook.

**Inner ø 0.9 mm / 36**  
**Wire ø 0.23 mm / 10**  
**Length: 8 mm**

<b>302-012-10</b>	10 pieces
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CE 0483



## tomas®-coil spring heavy

Strength category: super elastic  
With eyelets for easy engagement in the tomas®-pin and a hook.

**Inner ø 0.9 mm / 36**  
**Wire ø 0.23 mm / 10**  
**Length: 8 mm**

<b>302-012-20</b>	10 pieces
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CE 0483





302-013-00	10 pieces
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CE 0483

## tomas®-stop screw

Stop screw

**Inner ø 1.15 mm / 45**

incl. 1 key for internal hexagon screw

**Size: 0.9**



302-014-18	10 pieces
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CE 0483

## tomas®-cross tube 18

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering. Ideal for connecting the tomas®-pin with the arch wire.

**Horizontal tube:**

**Overall length, horizontal 4.0 mm**

**Inner  $\square$  0.46 x 0.64 mm / 18 x 25**

**Vertical tube:**

**Overall length, vertical 2.0 mm**

**Inner  $\square$  0.56 x 0.70 mm / 22 x 28**



302-014-22	10 pieces
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CE 0483

## tomas®-cross tube 22

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering. Ideal for connecting the tomas®-pin with the arch wire.

**Horizontal tube:**

**Overall length, horizontal 4.0 mm**

**Inner  $\square$  0.56 x 0.70 mm / 22 x 28**

**Vertical tube:**

**Overall length, vertical 2.0 mm**

**Inner  $\square$  0.56 x 0.70 mm / 22 x 28**



302-015-00	10 pieces
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CE 0483

## tomas®-power arm square

Crimping tube, slotted, with spring hard rectangular wire ( $\square$  0.55x0.70 mm/21.5x28). Can be placed directly on the arch wire and crimped in place. Universal application for the slot 18/22 technique.

Ideal for coupling with the tomas®-pin and for bending individual hooks.

**Tube length: 2.0 mm**

**Wire length: 25 mm**



302-019-00	10 pieces
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CE 0483

## tomas®-power arm round

Crimping tube, slotted, with 0.7 mm spring hard wire. Can be placed directly on the arch wire and crimped in place. Universal application for the slot 18/22 technique. Ideal for coupling with the tomas®-pin and for bending individual hooks.

**Tube length: 2.0 mm**

**Wire length: 25 mm**

## tomas®-Nikodem spring 7

Super elastic NiTi spring acc. to Dr. Nikodem.  
Ideal for coupling with the tomas®-pin.

**Length: 7 mm**

**Wire ø 0.25 mm / 10**

<b>302-016-07</b>	10 pieces
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CE 0483



## tomas®-Nikodem spring 11

Super elastic NiTi spring acc. to Dr. Nikodem.  
Ideal for coupling with the tomas®-pin.

**Length: 11 mm**

**Wire ø 0.25 mm / 10**

<b>302-016-11</b>	10 pieces
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CE 0483



## tomas®-Nikodem spring 14

Super elastic NiTi spring acc. to Dr. Nikodem.  
Ideal for coupling with the tomas®-pin.

**Length: 14 mm**

**Wire ø 0.25 mm / 10**

<b>302-016-14</b>	10 pieces
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CE 0483



## tomas®-uprighting spring

For uprighting and intrusion or extrusion of molars.

<b>302-009-00</b>	10 pieces
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CE 0483



## tomas®-monkey hook

Double hook auxiliary. Can be bonded into the slot of the tomas® head, for easier & efficient setup with elastics.

<b>400-600-26</b>	10 pieces
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CE 0483



## tomas®-crimp hook 4L

Crimping tube, slotted, with 4 hooks to engage springs and plastic chains. Universal application for the slot 18/22 technique.

<b>302-020-00</b>	10 pieces
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CE 0483



## tomas®-crimp hook 4R

Crimping tube, slotted, with 4 hooks to engage springs and plastic chains. Universal application for the slot 18/22 technique.

<b>302-020-10</b>	10 pieces
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CE 0483



## tomas®-slotted stops 18

Suitable as stop for compression springs.

**Dimensions: □ 0.46 x 0.64 mm / 18 x 25**

<b>302-021-18</b>	100 pieces
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CE 0483



## tomas®-slotted stops 22

Suitable as stop for compression springs.

**Dimensions: □ 0,56 x 0,70 mm / 22 x 28**

<b>302-021-22</b>	100 pieces
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CE 0483



# tomas® - Anchorage System



400-600-27	3 tubes
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CE 0483

\* Heliosit® is a registered trademark of Ivoclar Vivadent, Inc.

## Heliosit® Orthodontic\*

Clear, flowable composite that is very brittle, when cured, for easy and efficient bonding and clean, easy removal with Weingart Plier.



025-276-00	1 piece
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CE 0483

## Clamping tweezers

Assists in picking up & holding auxiliaries easily and securely.



302-023-00	1 piece
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## tomas®-auxiliary box

With 2 inserts.



302-009-10	10 pieces
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CE 0483

## tomas®-hook

Additional possibility for fixing elastic elements (plastic chains, springs) to the tomas®-pin head.



302-018-00	1 piece
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CE

## tomas®-power chain

Constant tension with longer effectiveness. High elasticity with very good resiliency.

**Roll 3.5 m**

**Color: transparent**

**Inner ø 1.3 mm**



302-022-00	1 piece
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CE 0483

## tomas®-compression spring

Strength category: super elastic  
These compression springs offer the following advantages:

- High elasticity with virtually constant restoring force
- Fatigue-free, low, uniform transfer of forces

May be individually shortened.

**Force: medium**

**Inner ø 0.76 mm / 30**

**Wire ø 0.30 mm / 12**

**Length: 18 cm / 7"**

