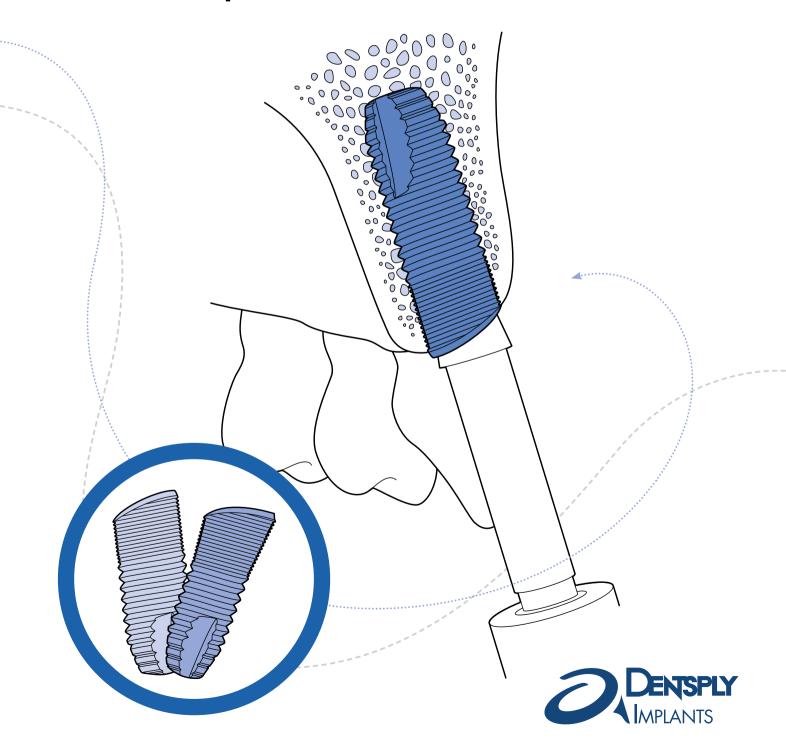
# **ASTRA TECH**IMPLANT SYSTEM

# Manual OsseoSpeed<sup>™</sup> Profile EV



# $\mathsf{OsseoSpeed}^{\scriptscriptstyle\mathsf{TM}}\,\mathsf{Profile}\;\mathsf{EV}$

The OsseoSpeed Profile EV is designed to provide bone support 360 degrees around the implant in situations where a sloped alveolar crest is present or when one is expected following healing after tooth loss.



# **ASTRA TECH IMPLANT SYSTEM**

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This manual is designed for use by clinicians who have undergone at least basic surgical and in-clinic implant training. Staying current on the latest trends and treatment techniques in implant dentistry through continued education is the responsibility of the clinician. The manual highlights and emphasizes the special considerations needed when planning and performing treatment with OsseoSpeed Profile EV implants.

This manual only addresses the additional information needed to work with the OsseoSpeed Profile EV and optimize the final outcome when using this implant. For all other instructions and/or a full description of implant placement and restorative procedures for the ASTRA TECH Implant System EV as well as all the instruments and components needed, please refer to the Surgical Manual, the manuals for cement-, screw- and attachment-retained restorations and the ASTRA TECH Implant System EV Product Catalog.

Not all products may be regulatory cleared/released/licensed in all markets. Please contact the local DENTSPLY Implants sales office for current product assortment and availability.

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Product illustrations are not to scale.



### Introduction

#### Sloped alveolar ridge situations

A sloped alveolar ridge situation can often be expected in a fresh extraction site or after healing.

With a regular implant design, when the implant is placed level with the buccal bone margin, the lingual/palatal and proximal bone coronal to the implant is left without biomechanical support. Remodeling and loss of bone and soft tissue height, resulting in less than optimal esthetic results can be expected.

An implant placed level with the palatal/lingual bone margin leaves the implant protruding out of the bone on the buccal side. This can result in discoloration of the buccal soft tissue margin or, in a worst-case scenario, a soft tissue dehiscence, causing compromised esthetics.

# OsseoSpeed™ Profile EV – anatomically designed for sloped ridges

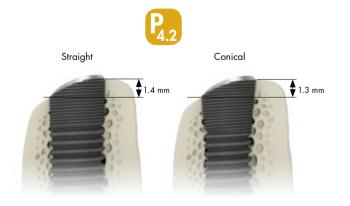
In a sloped ridge situation, an implant that is designed to be in harmony with the ridge profile is the optimal solution for preserving the marginal bone and supporting the soft tissue all around the implant. The OsseoSpeed Profile EV is especially designed for sloped ridge situations.

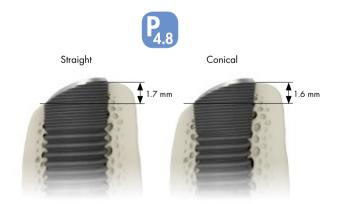
As a part of the ASTRA TECH Implant System EV, OsseoSpeed Profile EV implants are supported by the ASTRA TECH Implant System BioManagement Complex, well documented for its long-term marginal bone maintenance and esthetic results.



# Implant slope variance

As a result of the sloped neck design, the height variance at the top of the implant is 1.3–1.7 mm depending on the implant diameter and design.





# Drill Depth Requirements

Make sure there is enough depth provided for the entire implant length in the palatal portion.

The required height difference between the buccal and the palatal portions of the osteotomy varies depending on implant sizes (1.3–1.7 mm).

# Implant assortment

OsseoSpeed Profile EV implants are available in a range of diameters and lengths.

Specific colors have been assigned to the different implant/abutment connection sizes, which are consistently used throughout the system and identified by symbols and colors.

**Note:** OsseoSpeed Profile EV implants and components are, in addition marked with a "P".

# Straight Conical Ø 4.2 Ø 4.8 P4.2 P4.8 Yellow Blue



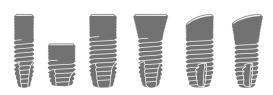
# Surgical Tray

To work with OsseoSpeed Profile EV, the use of Overlay 3 is recommended.

The overlay is snapped onto the tray base and components are organized to support the user throughout the entire surgical procedure.

#### Overlay 3

Supports the full implant assortment including OsseoSpeed Profile EV Implants.





# Implant-abutment interface connection

### The OsseoSpeed™ Profile EV

The OsseoSpeed Profile EV implant has a unique interface with one-position-only placement of all indexed components and includes an option for index-free placement.



The indexing portion has six slots, five symmetrically placed and one additional slot which is located towards the highest point of the implant collar.

#### OsseoSpeed™ Profile EV





One-position-only

All ATLANTIS abutments and indexed components for OsseoSpeed Profile EV will seat in one position only.

#### Index-free

Index-free abutments will be seated in any rotational position.



**Note:** For **OsseoSpeed EV**, the indexing portion has seven slots: six symmetrically placed and one additional slot.







One-position-only

For ATLANTIS patient-specific abutments.

Six positions

For indexed abutments.

#### Index-free

Index-free abutments seat in any rotational position.

### Clinical considerations

To take full advantage of the benefits of the OsseoSpeed Profile EV, please note the important steps in the treatment process, including pre-operative procedures and implant positioning.

#### **Pre-operative procedures**

The pre-operative procedures follow the general guidelines for the ASTRA TECH Implant System EV. Transparent Radiographic Implant Guides for OsseoSpeed Profile EV that present the implants in different magnifications are available for preoperative planning. The guides are used together with a sagital tomographic radiograph of the patient's jaw showing an appropriate view of the ridge profile and guides the clinician in planning optimal position, direction and implant size.

SIMPLANT,
computer guided
implant treatment,
can be used for the
ASTRA TECH Implant System EV
to ensure accurate planning for optimized
implant position and placement.

#### Implant positioning

Only one position of the implant slope is optimal – correct vertical and rotational position in relation to the bone level. Therefore, careful drilling and implant placement procedures are required. Place the implant in line with the lowest bone level to provide support of the marginal bone around the implant. Note: a full 360° turn is equal to a 0.6 mm change in vertical position.

# Clinical application

The clinical application for OsseoSpeed Profile EV is the same as for OsseoSpeed EV. In addition, the OsseoSpeed Profile EV is specially designed to be used in situations with a sloped ridge profile in:

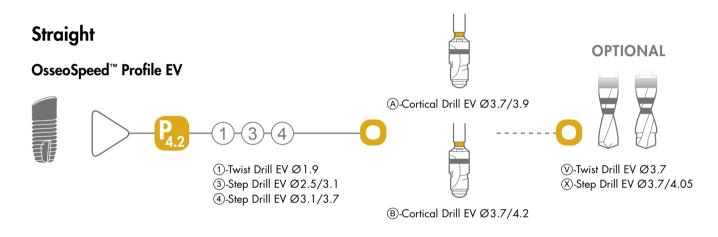
- healed alveolar ridges
- extraction sockets (immediate installation)

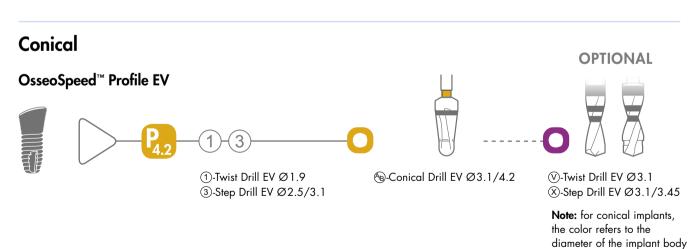
The same handling procedure as for the OsseoSpeed EV implants applies. However, steps such as preparation and measuring of the osteotomy and the implant placement require specific protocols.

From the point of view of mechanical strength, it is recommended that the widest possible implant always be placed. This is particularly important in the posterior regions of the jaws where loading forces are high and considerable bending moments could be generated.

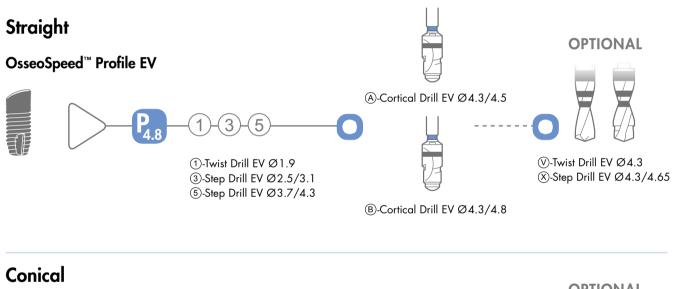
Implant shape	General clinical application	P <sub>4.2</sub>	P <sub>4.8</sub>
Profile straight	In situations with an existing or expected sloped alveolar ridge.	Suitable in the majority of situations.	Used in situations with enough bone volume.
Profile conical	In situations with an existing or expected sloped alveolar ridge and when a larger prosthetic platform is preferred.	Suitable in situations with limited bone volume where a 3.6 mm implant diameter is the choice but where a larger prosthetic platform is preferred.	Suitable in situations with bone volume where a 4.2 mm implant diameter is the choice but where a larger prosthetic platform is preferred.

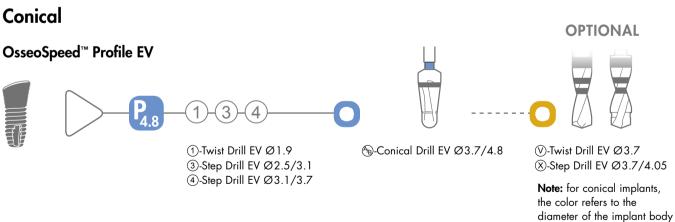
# Drilling protocol for OsseoSpeed™ Profile EV





# Drilling protocol for OsseoSpeed™ Profile EV 4.8





# Specific protocol for OsseoSpeed™ Profile EV 🖳



The same handling procedure as for OsseoSpeed EV implants applies for OsseoSpeed Profile EV. Steps such as preparation and measuring of the osteotomy and implant placement, however, require more specific protocols.

Below is a step-by-step protocol for the installation of an OsseoSpeed Profile EV 4.2 PC (Profile Conical), 13 mm.







#### Implant Depth Gauge EV

- Place the Implant Depth Gauge EV against the palatal and the buccal walls of the osteotomy to verify the drilling depth. Make sure there is enough depth provided for the entire implant. For the OsseoSpeed EV 4.2 PC, 13 mm implant, the buccal depth should be at least 11.7 mm.
- If the depth is less than 11.7 mm, additional drilling is required and may be followed again with cortical preparation depending on the clinical situation.
- If the depth for the OsseoSpeed EV 4.2 PC,13 mm implant, is more than 11.7 mm, make sure to stop the implant installation at or slightly apical to the buccal margin.

#### Implant pick up

- Attach the appropriate Implant Driver Profile EV to the contra angle.
- Align the dimple and the flat surface on the implant driver with the most apical point of the implant slope (a).
- Make sure that the implant driver is fully seated into the implant.

**Note:** The driver seats in only one position in the implant.

 Press downwards to activate the carrying function before picking up the implant (b).
When picking up
the implant from

the implant from the inner container, do not use excessive pressure.



#### Installation

- Install the implant with the contra angle at a low speed (25 rpm) under profuse irrigation and the maximum torque set to 45 Ncm.
- Allow the implant to work its way into the osteotomy. Avoid applying unnecessary pressure.

**Note:** Do not exceed 45 Ncm when installing the implant. If not completely seated before reaching 45 Ncm, reverse/remove the implant and perform additional osteotomy preparation.

It is recommended to have a titanium forcep available in case the implant driver does not provide sufficient carrying function during the removal procedure.







#### **Torque Wrench EV**

- Attach the Implant Driver Profile EV by pressing it firmly into the Surgical Driver Handle EV.
- The driver is correctly seated when the color coded marking is just in contact with the handle. Make sure the implant driver is fully seated in the Surgical Driver Handle EV.
- Insert the driver handle and implant driver into the wrench until there is an audible click.

#### **Positioning**

 Align the dimple/flat surface on the implant driver with the most apical point of the slope to facilitate optimal placement of the implant.

**Note:** a full  $360^{\circ}$  turn is equal to a 0.6 mm change in vertical position.

 Release the implant driver by lifting it gently from the implant.

### Cover Screw Profile EV/HealDesign Profile EV

- Use the Hex Driver EV to pick up and connect the healing abutment/cover screw.
- Secure with manual tightening torque (5 –10 Ncm) using the Hex Driver EV.

**Note:** The Cover Screw Profile EV and the HealDesign Profile EV are both two-piece and have a self-guiding feature that requires only one hand for seating and is designed to engage only in the correct position.

When removing a two-piece component, keep the sleeve and screw assembled.

# Specific protocol for OsseoSpeed™ Profile EV

The same restorative handling procedure as for OsseoSpeed EV implants applies for OsseoSpeed Profile EV







#### **Impression**

- Manually or use the Hex Driver EV to pick up and connect the Implant Pick-Up Profile EV.
- Secure the implant pick-up with manual tightening torque (5–10 Ncm) using the hex driver.

**Note:** The Implant Pick-Up Profile EV has a selfguiding feature that requires only one hand for seating and is designed to engage only in the correct position.

All impression components for OsseoSpeed Profile EV has a selfguiding feature and are marked with a "P".

#### Laboratory

- Carefully place the Implant Replica Profile EV in the correct position towards the Implant Pick-Up Profile EV.
- Secure the Implant Replica Profile EV by rotating the Implant Pick-Up Pin using manual tightening.

**Note:** The included pin is only to be used together with the assembled sleeve and cannot be used for securing two-piece abutments to replicas or implants.

#### **Abutment installation**

- Install the abutment with the abutment screw using the Hex Driver EV.
- Use the Restorative Driver Handle EV together with the Hex Driver EV and Torque Wrench EV to tighten to the recommended torque (25 Ncm).

**Note:** Indexed abutments for OsseoSpeed Profile EV will seat in one position only.

# Restorative options

The same restorative handling procedure for OsseoSpeed EV implants applies for OsseoSpeed Profile EV. The following restorative options are specifically designed for OsseoSpeed Profile EV. For options from the OsseoSpeed EV assortment validated for OsseoSpeed Profile EV, see Product overview.



Temporary abutments		Indexing option	Clinical application	Features and benefits
TempDesign™ Profile EV Base: Titanium Cylinder: PEEK plastic	W W	One-position-only	Single, partial and fully edentulous situations Cement-retained restorations, all positions in the mouth Screw-retained restorations, limited to single-tooth only	Designed for reduction technique     Facilitates soft tissue sculpturing     Developed for esthetic temporization     Design compensates for off-set positions     PEEK plastic – recommended for clinical use up to 180 days
Temp Abutment Profile EV Titanium		One-position-only	Single, partial and fully edentulous situations Cement-retained restorations, all positions in the mouth Screw-retained restorations, limited to single-tooth only	Designed for individual build-up technique     Developed for large multi-unit restorations     Designed for long-term temporization
Final abutments		Indexing option	Clinical application	Features and benefits
ATLANTIS™ Abutment Titanium Gold-shaded titanium Zirconia		One-position-only	Single, partial and fully edentulous situations Cement-retained restoration, all positions in the mouth Note: Use of zirconia abutments should be carefully evaluated in situations with unfavorable loading conditions and in the molar region	Patient-specific abutments individually designed from the final tooth shape utilizing the ATLANTIS VAD software
ATLANTIS™ Crown Abutment Titanium	P	One-position-only	Single, partial and fully edentulous situations All positions in the mouth Single-tooth, screw-retained restoration	Patient-specific abutments individually designed from the final tooth shape utilizing by the ATLANTIS VAD software
<b>TiDesign™ Profile EV</b> Titanium	PØ5.5	One-position-only	Single, partial and fully edentulous situations Cement-retained restoration, all positions in the mouth	Round – design for the majority of restorative situations     Triangular – primarily for incisors and canines with triangular shape     Angled – for offset situations compensating for implants in a restoratively unfavorable position
Angled Abutment Profile EV Titanium		Indexfree	Partial and fully edentulous situations     All positions in the mouth	20 degree angulation     One prosthetic connection for both     4.2 and 4.8     Compatible with ATLANTIS ISUS

#### **Laboratory Abutment Screw**

To ensure that an uncompromised screw is used in the clinical situation, use the Laboratory Abutment Screw for laboratory procedures. The Lab Abutment Screw EV is developed for use only with Implant Replica Profile EV and Implant Replica EV, and cannot be used in the clinical situation. The clinical abutment screw should not be used in the laboratory.



# Digital solutions for OsseoSpeed™ Profile EV

The OsseoSpeed Profile EV implant assortment is supported with ATLANTIS patient-specific abutments, bars & bridges. The digital solutions from DENTSPLY Implants support you from the planning to the final restoration and offer the possibilities to work with a complete digital workflow.



#### **ATLANTIS** abutments

ATLANTIS patient-specific abutments are individually designed from the final tooth shape utilizing the ATLANTIS VAD software. The abutments are available for cement-retained, single tooth screw-retained and attachment-retained restorations.



#### ATLANTIS implant suprastructures

ATLANTIS patient-specific implant suprastructures are individually designed using the latest digital technologies. The bridges, bars and hybrids are available for restoring partially and fully edentulous arches.



#### Intraoral scanning and lab-based scanning

Scanning at the clinic or the dental laboratory allows for fast and convenient transfer of scan information to DENTSPLY Implants in order to design and manufacture ATLANTIS abutments and SIMPLANT SAFE Guide.



#### SIMPLANT computer guided implant treatment

SIMPLANT facilitates crown-down planning by visualizing the surgical and prosthetic aspects of the case. By virtually planning your components, a custom-made SIMPLANT SAFE Guide can be fabricated and used in a guided surgery procedure.



#### Immediate Smile featuring ATLANTIS Abutment

With the Immediate Smile concept, an individualized temporary restoration can be delivered prior to surgery. The temporary restoration is used together with a SIMPLANT SAFE Guide in one single appointment.

For more information about digital solutions from DENTSPLY Implants, please visit www.dentsplyimplants.com

# Product catalog OsseoSpeed™ Profile EV

Components specifically designed for use with OsseoSpeed Profile EV implants are presented in this manual/product catalog.

Do not interchange components designed for the OsseoSpeed Profile EV. The following products from OsseoSpeed EV can also be used for OsseoSpeed Profile EV.

- Ball Abutment EV
- Direct Abutment EV
- Locator Abutment EV
- Uni Abutment EV

If you need drills and other instruments, please refer to the Product catalog for ASTRA TECH Implant System EV. If you are not familiar with ATLANTIS abutments, please contact your laboratory and/or your local representative. For more information visit www.dentsplyimplants.com.





# Product overview











One-position-only Index free

Triangular

#### **Implants**

#### OsseoSpeed™ Profile EV OsseoSpeed™ Profile EV 4.2 PS 4.2 PC





8 mm 25452 9 mm 25453 11 mm 25454 13 mm 25455 15 mm 25456 17 mm 25457

#### Cover screw

#### Cover Screw Profile EV 4.2





0 mm 25582

#### Healing abutments

#### HealDesign™ Profile EV 4.2



0 Ø 5 3 mm 25587 o Ø 5 4 mm 25584 3 mm 25585 △ Ø 6.5 3 mm 25586

#### Healing EV 4.2



○ Ø 5.0 2.5 mm 25908 ○ Ø 5.0 3.5 mm 25501 ○ Ø 5.0 4.5 mm 25302 ○ Ø 5.0 6.5 mm 25797 Ø 6.5 2.5 mm 25909 ○ Ø 6.5 3.5 mm 25910 ○ Ø 6.5 4.5 mm 25911 o Ø 6.5 6.5 mm 25912

#### Healing Uni EV 4.2



Ø 4 2 mm 25288 Ø 4 3 mm 25579 Ø 4 4 mm 25289 Ø 4 6 mm 25290

#### **Cement-retained**

#### **Temporary** abutments

#### TempDesign<sup>™</sup> Profile EV



Ø7 1 mm 25756

#### Temp Abutment Profile EV



Ø 4.5 1 mm 25758

#### **Abutments**

#### TiDesign™ Profile EV 4.2



Ø 5.5 15°Ø 5.5 2 mm 3 mm 25595 25594 △ Ø 5.5 △ Ø 7.0 25592 25593  $\begin{array}{cc} 2 \text{ mm} \\ 2 \text{ mm} \end{array}$ 

ATLANTIS™ abutments



Patient-specific abutments

# Screw-retained

#### **Abutments**

#### Uni Abutment EV 4.2



1 mm 25562 2 mm 25563 3 mm 25564 5 mm 25565

#### **Angled Abutment Profile EV**



1 mm 25890 2 mm 25891

#### ATLANTIS™ Crown abutment





#### **Healing caps**

#### **Uni Abutment EV Heal Cap**



Ø 4.3 Short 25952 Ø 4.3 25616 Ø 5.5 Short 25953 25617 Ø 5.5

#### Angled Abutment EV Heal Cap



25650

#### **Abutment**

#### **Uni Abutment EV** Pick-up



Ø 4.3 25641 Ø 5.5 25642

#### **Angled Abutment EV** Pick-up



25651

#### Attachment-retained

#### **Abutments**

Locator™ Abutment Ball Abutment EV 4.2 EV 4.2





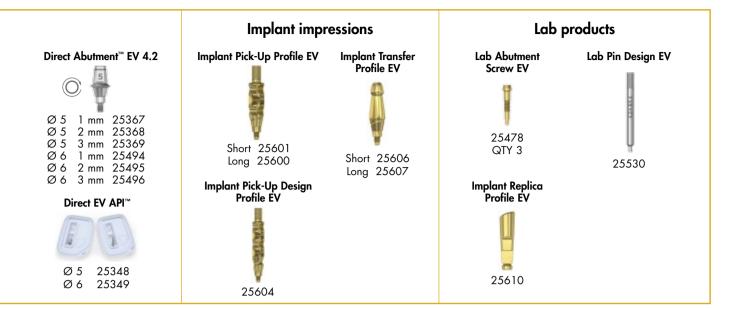


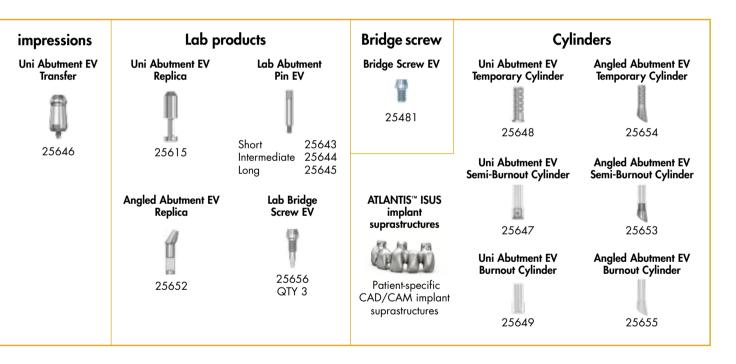
1	ii .
1 mm	25690
2 mm	25691
3 mm	25692
4 mm	25693
5 mm	25694
7 mm	25695

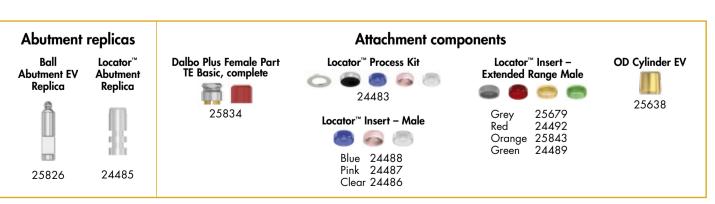
#### Abutment impressions

Locator™ Abutment Pick-up









# Product overview











One-position-only Index free

Triangular

#### **Implants**

#### OsseoSpeed™ Profile EV OsseoSpeed™ Profile EV 4.8 PS 4.8 PC





#### Cover screw

Cover Screw Profile EV 4.8



0 mm 25583

#### Healing abutments

#### HealDesign™ Profile EV 4.8 Healing Uni EV 4.8





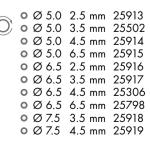


25591 3 mm O Ø 6.5 25589 4 mm △ Ø 5 3 mm 25588 △ Ø 6.5 3 mm 25590

Ø 4 2 mm 25291 Ø 4 3 mm 25580 Ø 4 4 mm 25292 Ø 4 6 mm 25293

#### HealDesign™ EV 4.8





#### Cement-retained

#### **Temporary** abutments

#### TempDesign<sup>™</sup> Profile EV



Ø 8 1 mm 25757

#### Temp Abutment Profile EV



Ø 5 1 mm 25759

#### **Abutments**

#### TiDesign™ Profile EV 4.8



o Ø 5.5 15° 2 mm 25599 25598 o Ø 7.0 3 mm △ Ø 5.5 2 mm 25596 △ Ø 7.0 25597 2 mm





Patient-specific abutments.

ATLANTIS™ abutments

#### Screw-retained

#### **Abutments**

#### Uni Abutment EV 4.8



1 mm 25566 2 mm 25567 3 mm 25568 5 mm 25569

#### **Angled Abutment Profile EV**





#### ATLANTIS™ Crown abutment





Patient-specific abutments.

#### **Healing caps**

#### **Uni Abutment EV Heal Cap**



Ø 4.3 Short 25952 Ø 4.3 25616 Ø 5.5 Short 25953 25617 Ø 5.5

#### Angled Abutment EV Heal Cap



25650

#### **Abutment**

#### **Uni Abutment EV** Pick-up



Ø 4.3 25641 Ø 5.5 25642

#### **Angled Abutment EV** Pick-up



25651

#### Attachment-retained

#### **Abutments**

Locator™ Abutment **Ball Abutment EV 4.8** EV 4.8





5 mm 25671

$\bigcirc$	¥	0
1 mm		1 m
2 mm	25668	2 m
3 mm	25669	3 m
4 mm	25670	4 m 5 m

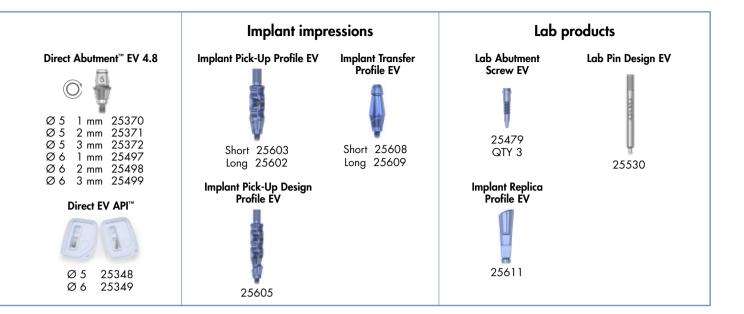
nm nm 25698 nm nm 5 mm 7 mm

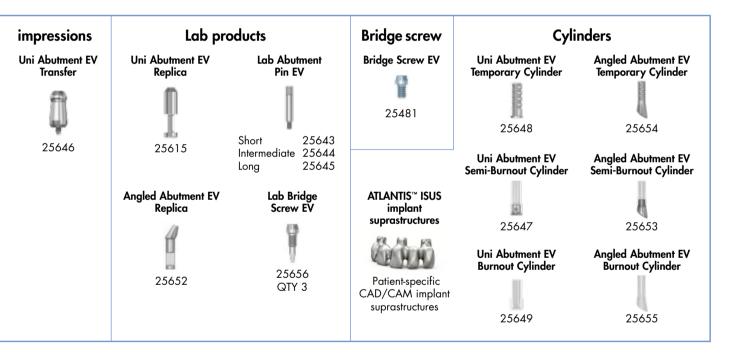
#### Abutment impressions

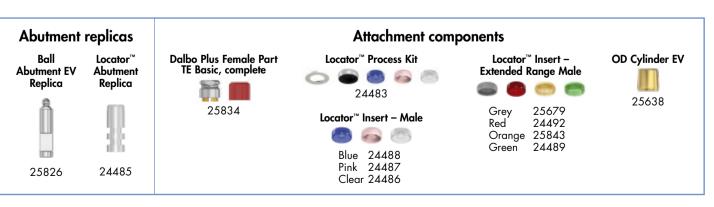
Locator™ Abutment Pick-up



24484







# **Implants**

#### OsseoSpeed™ Profile EV

Titanium, sterile

OsseoSpeed Profile EV implants are available in a range of shapes, diameters and lengths.

PS = Profile Straight

PC = Profile Conical





Specific colors have been assigned to the different implant-abutment connection sizes, which are consistently used throughout the system.

Ø 4.2

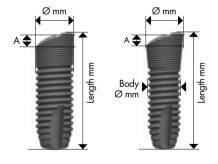
Ø 4.8





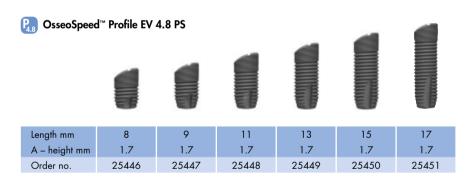
Yellow Blue

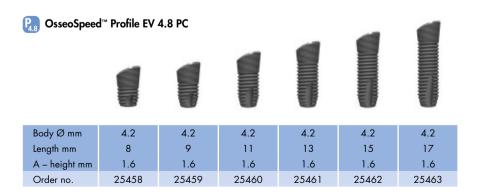
- For further details see Instructions for Use or the Surgical manual for ASTRA TECH Implant System EV.
- All implants are made of commercially pure titanium, grade 4.
- OsseoSpeed surface treatment over the entire implant to the top of the first MicroThread.
- For conical implants the body portion is 0.6 mm narrower.



#### OsseoSpeed™ Profile EV 4.2 PS Length mm 1.4 1.4 A - height mm 1.4 1.4 1.4 1.4 Order no. 25440 25441 25442 25443 25444 25445







#### **Cover Screw Profile EV**



#### Radiographic Implant Guides Profile EV



#### **Cover Screw Profile EV**

Titanium, sterile

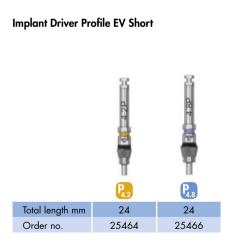
- Self-guiding component; engages into the implant only when correctly seated
- One height option for each implant-abutment connection size
- Cover Screw Profile EV is a two-piece cover screw with color coded sleeve. The included screw is without color
- P One-position-only cover screw, will seat in one position only

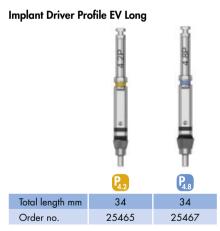
# Surgical instruments

#### **Implant Driver Profile EV** Stainless steel, non-sterile

- For picking up and installing implant
- Marked with diameter and a "P" for Profile
- Dimple and flat surface on the driver to facilitate correct positioning
- P One-position-only instrument, will seat in one position only

**Note:** For use with Contra Angle or Torque Wrench EV Surgical Driver Handle



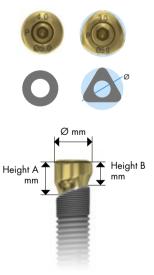


# Healing abutments

#### HealDesign™ Profile EV

Titanium, sterile

- For soft tissue sculpturing during the healing phase
- Self-guiding component; engages into the implant only when correctly seated
- Can be used for both oneand two-stage surgery
- Design is primarily matched to TiDesign Profile EV abutments
- HealDesign Profile EV is a two-piece abutment
- Heights and diameters are harmonized with the permanent abutments as well as with the tooth position
  - Round shapes are indicated for all positions in the mouth
  - Triangular shapes are designed for anterior implant sites and mimic the specific shape for incisors and canines
- Marked with diameter, height and "P" for Profile
- One-position-only, healing abutment, will seat in one position only



#### 🤼 HealDesign™ Profile EV 4.2



5	6.5
4.5	4
3	3
25585	25586

#### RalDesign™ Profile EV 4.8

	o <b>W</b>	0
Ø mm	5	6.5
Height A mm	4.5	5.5
Height B mm	3	4
Order no.	25591	25589



# Temporary abutments

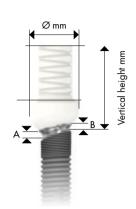
#### TempDesign™ Profile EV



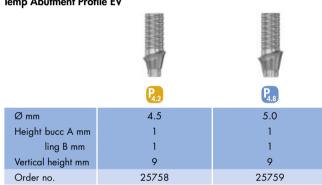
#### TempDesign™ EV

Titanium-PEEK-plastic, non-sterile, delivered with an abutment screw

- Anatomically pre-designed for reduction technique
- For both screw- and cementretained restorations
- Can be processed at the laboratory or chairside
- Temporary use; max 180 days
- Screw-retained restorations; limited to single-tooth only
- (P) One-position-only abutments, will seat in one position only



#### **Temp Abutment Profile EV**

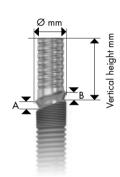


#### Temp Abutment EV

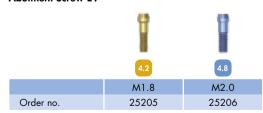
Titanium, non-sterile, delivered with an abutment screw

- Designed for build-up technique
- For large, multi-unit restorations and/or long-term temporization
- Primarily processed in the laboratory
- Cement-retained restorations, all positions in the mouth
- Screw-retained restorations, limited to single-tooth only
- One-position-only abutments, will seat in one-position-only

Note: A corresponding Abutment Screw EV is included with every temporary abutment as well as final two-piece abutments. To order additional screws, see below



#### **Abutment Screw EV**



#### **Abutment Screw EV**

Titanium, non-sterile

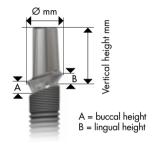
Note: A corresponding Abutment Screw EV is included with every temporary abutment as well as final two-piece abutments.

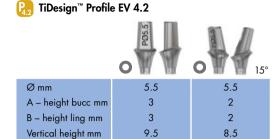
### Cement-retained restorations

#### TiDesign™ Profile EV

Titanium, non-sterile, delivered with an abutment screw

- Round design for the majority of restorative situations
- Triangular primarily for incisors and canines with triangular shape
- Angled design for offset situations compensating for implants in a restoratively unfavorable position
- Marked with diameter and P for Profile
- One-position-only abutments, will seat in one position only





25594

25595





Order no.

	[8]	
	OMM	O 15°
Ømm	7.0	5.5
A – height bucc mm	3	2
B – height ling mm	3	2
Vertical height mm	9	8
Order no.	25598	25599

Poss	
5.5	7.0
2	2
2	2
8	8
25596	25597

# Screw-retained restorations

**Uni Abutment EV** (for more information see Product catalog EV) Titanium, sterile

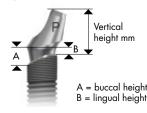
- Supporting multiple unit restorations only
- Design facilitates non-parallel implant situations up to 66°
- Same top cone for all platforms
- Index-free abutments will be seated in any rotational position

#### **Angled Abutment Profile EV**

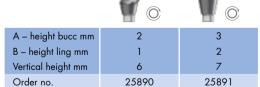
Titanium, sterile,

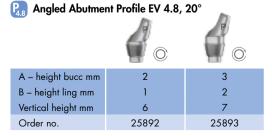
delivered with an abutment screw

- Supporting multiple unit restorations only in combination with Uni Abutment EV
- Same top cone as standard OsseoSpeed EV
- Index-free abutments will be seated in any rotational position
- Marked with a "P"

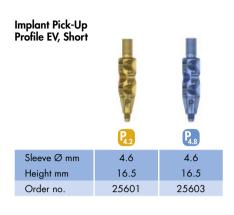








# Impression and laboratory components - implant-level

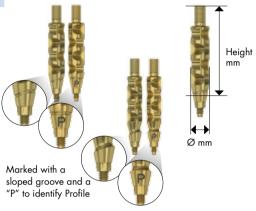


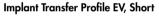


#### Implant Pick-Up Profile EV / Implant Pick-Up Design Profile EV Titanium, non-sterile

- Self-guiding positioning
- Marked with a "P"
- · Designed with hex at the pin head
- Possibilities of capture the exact soft tissue shape for best possible esthetic results
- Supports indexing options; one-position-only and index free









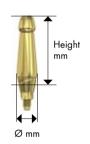


#### Titanium, non-sterile • Self-guiding positioning Marked with a "P" Must be repositioned in the unique site in the impression • Designed with a hex at the pin head



**Implant Transfer Profile EV** 

Marked with a sloped groove and a "P" to



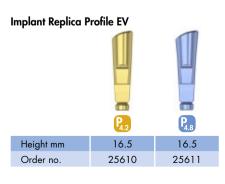
# identify Profile

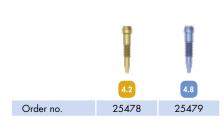
#### **Implant Replica Profile EV** Titanium, non-sterile

Adjustment of apex allow for removal of replica from master model without need for sectioning

#### Lab Abutment Screw EV Titanium, non-sterile

Designed for use with Implant Replica Profile EV and Implant Replica EV only





Lab Abutment Screw EV

# Torque guide for ASTRA TECH Implant System $^{\mathsf{TM}}$ EV

Installation procedures	Recommended torque
Implant installation	≤45 Ncm
Healing components	Manual/light finger force (5-10 Ncm)
Temporary restoration on all levels	15 Ncm
Final restoration on implant level	25 Ncm
Final restoration on abutment level	15 Ncm

# Explanation of the symbols on labels and instructions for use

Symbol	Text	Symbol	Text
Date of manufacture	Date of manufacture.	C€	ASTRA TECH Implant System™ products carry the CE mark and fulfill the requirements of the medical devices directive.
Use by	Expire date.	Do not use if package is damaged	Do not use if package is damaged.
STERILE R	Sterilized using irradiation.	Consult	Consult instructions for use.
$R_{ m Conly}$	<b>Caution:</b> Federal (USA) law restrict this product to sale by or on a order of a dentist.	instructions for use	LOT/BATCH number.
Single use	Do not re-use, Single use only.	REF	Article number.
Do not re-sterilize	Do not re-sterilize.		Contains article number (GTIN number), lot number and quantity.
	GOST is the valid quality certification system in Russian Federation.		

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# ASTRA TECH IMPLANT SYSTEM BioManagement Complex™

A successful implant system cannot be determined by one single feature alone. Just as in nature, there must be several interdependent features working together. The following combination of key features is unique to the ASTRA TECH Implant System:

- OsseoSpeed<sup>™</sup> more bone more rapidly
- **MicroThread**<sup>™</sup> biomechanical bone stimulation
- Conical Seal Design<sup>™</sup> a strong and stable fit
- Connective Contour<sup>™</sup> increased soft tissue contact zone and volume



#### **About DENTSPLY Implants**

DENTSPLY Implants offers comprehensive solutions for all phases of implant therapy, including ANKYLOS®, ASTRA TECH Implant System™ and XiVE® implant lines, digital technologies, such as ATLANTIS™ patient-specific CAD/CAM solutions and SIMPLANT® guided surgery, SYMBIOS® regenerative solutions, and professional and business development programs, such as STEPPS™. DENTSPLY Implants creates value for dental professionals and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

#### About DENTSPLY International

DENTSPLY International Inc. is a leading manufacturer and distributor of dental and other healthcare products. For over 115 years, DENTSPLY's commitment to innovation and professional collaboration has enhanced its portfolio of branded consumables and small equipment. Headquartered in the United States, the Company has global operations with sales in more than 120 countries.

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