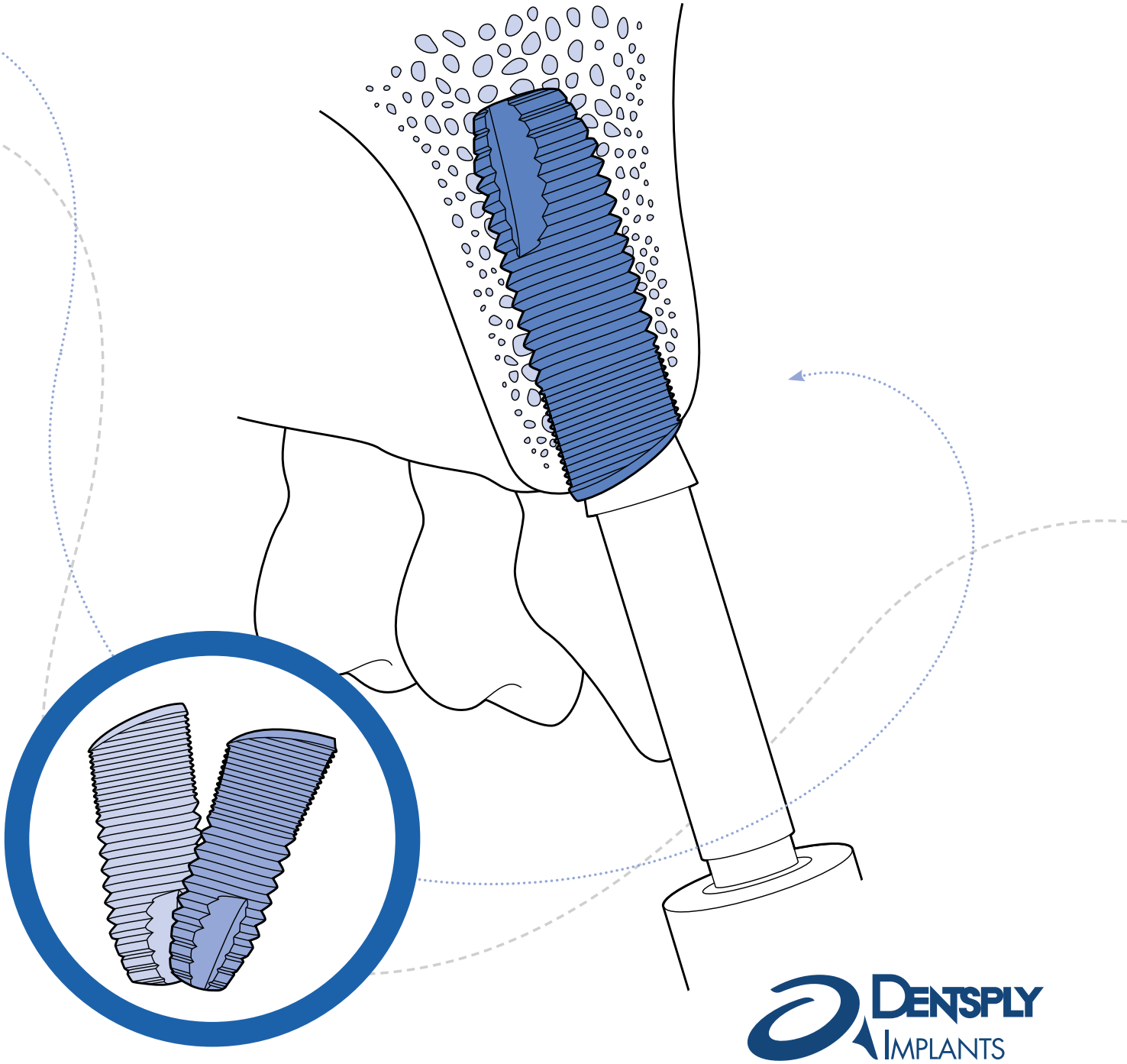
ASTRA TECH
IMPLANT SYSTEM

Including product catalog

Manual OsseoSpeed™ Profile EV



DENTSPLY IMPLANTS

OsseoSpeed™ Profile 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

CONTENTS

Introduction 4

Implant overview

Implant assortment 5
Surgical Tray 5
Implant-abutment interface connection 6
Clinical considerations 6
Clinical application 7

Surgical overview

Drilling protocol for OsseoSpeed™ Profile EV 8
Specific protocol for OsseoSpeed™ Profile EV 10

Restorative overview

Specific protocol for OsseoSpeed™ Profile EV 12
Restorative options 13

Digital solutions for OsseoSpeed Profile™ EV 14

Product catalog 15

Appendix

Torque guide 26
Explanation of the symbols on labels and instructions for use 26
Index 27

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

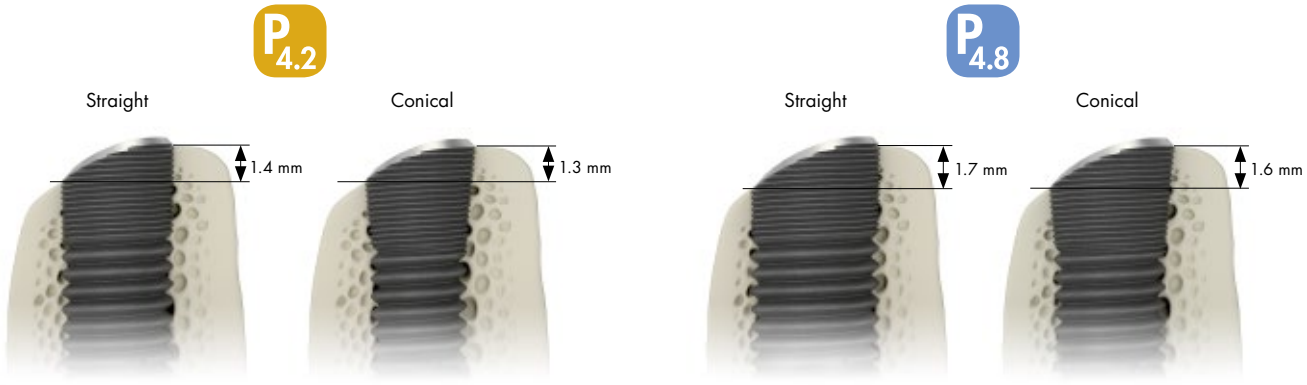
In a sloped ridge situation, an implant that is designed to be in harmony with the ridge profile is the optimal solution for preserving the marginal bone and supporting the soft tissue all around the implant. The OsseoSpeed Profile EV is especially designed for sloped ridge situations.

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

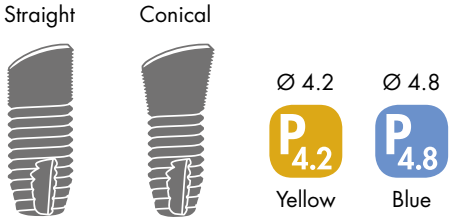
Make sure there is enough depth provided for the entire implant length in the palatal portion.
The required height difference between the buccal and the palatal portions of the osteotomy varies depending on implant sizes (1.3–1.7 mm).

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”.



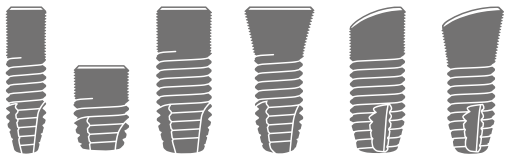


Surgical Tray

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	Index-free
All ATLANTIS abutments and indexed components for OsseoSpeed Profile EV will seat in one position only.	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	Six positions	Index-free
For ATLANTIS patient-specific abutments.	For indexed abutments.	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.

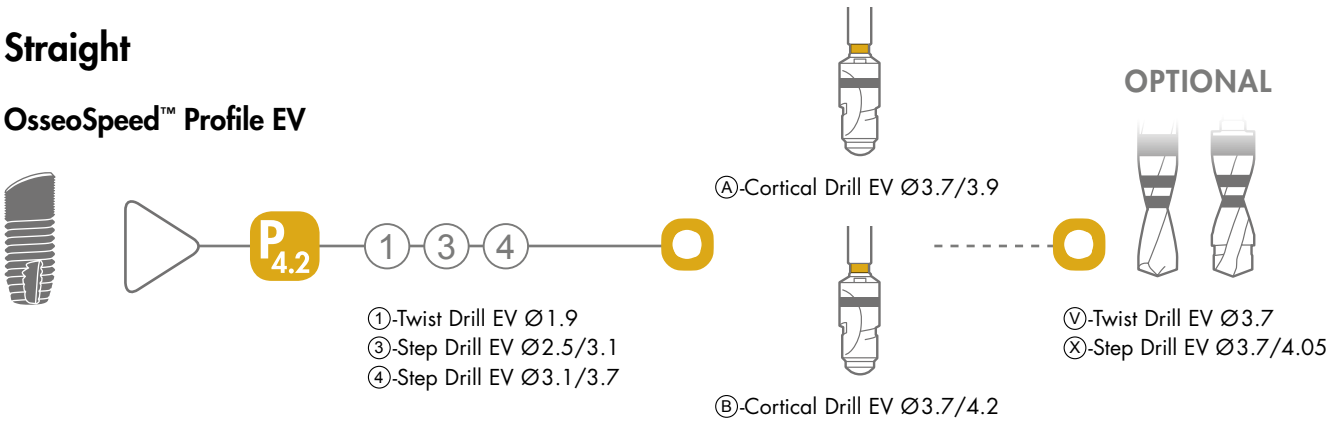
From the point of view of mechanical strength, it is recommended that the widest possible implant always be placed. This is particularly important in the posterior regions of the jaws where loading forces are high and considerable bending moments could be generated.

Implant shape	**General clinical application**	P 4.2	P 4.8
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 P4.2

Straight

OsseoSpeed™ Profile EV



①-Twist Drill EV Ø1.9
③-Step Drill EV Ø2.5/3.1
④-Step Drill EV Ø3.1/3.7

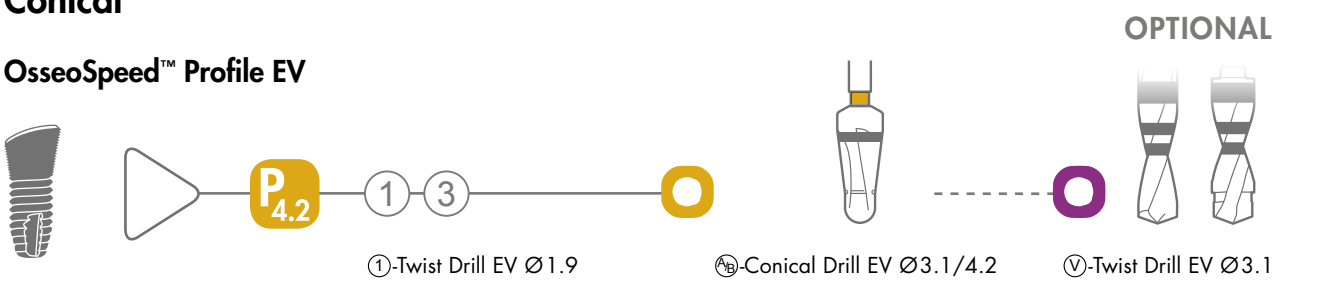
Ⓐ-Cortical Drill EV Ø3.7/3.9

Ⓑ-Cortical Drill EV Ø3.7/4.2

Ⓥ-Twist Drill EV Ø3.7
Ⓧ-Step Drill EV Ø3.7/4.05

Conical

OsseoSpeed™ Profile EV



①-Twist Drill EV Ø1.9
③-Step Drill EV Ø2.5/3.1

ⒶⒷ-Conical Drill EV Ø3.1/4.2

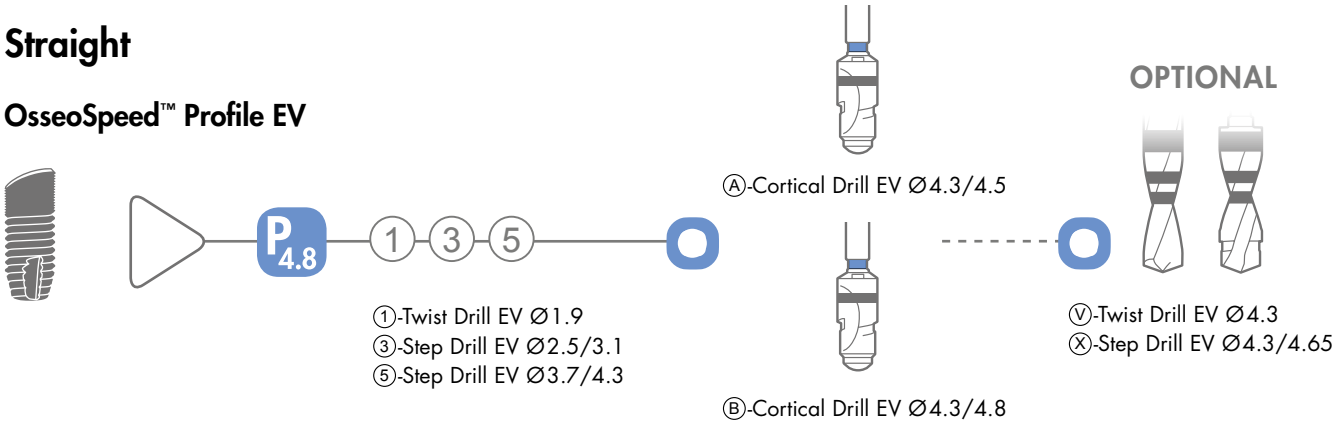
Ⓥ-Twist Drill EV Ø3.1
Ⓧ-Step Drill EV Ø3.1/3.45

Note: for conical implants, the color refers to the diameter of the implant body

Drilling protocol for OsseoSpeed™ Profile EV P4.8

Straight

OsseoSpeed™ Profile EV



①-Twist Drill EV Ø1.9
③-Step Drill EV Ø2.5/3.1
⑤-Step Drill EV Ø3.7/4.3

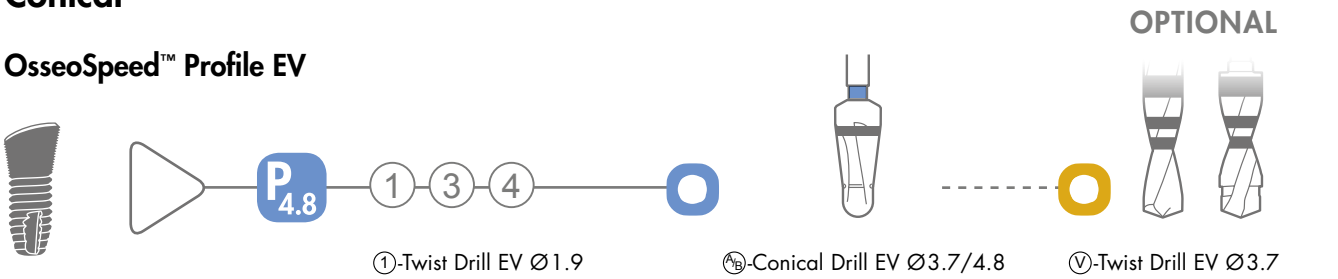
Ⓐ-Cortical Drill EV Ø4.3/4.5

Ⓑ-Cortical Drill EV Ø4.3/4.8

Ⓥ-Twist Drill EV Ø4.3
Ⓧ-Step Drill EV Ø4.3/4.65

Conical

OsseoSpeed™ Profile EV



①-Twist Drill EV Ø1.9
③-Step Drill EV Ø2.5/3.1
④-Step Drill EV Ø3.1/3.7

ⒶⒷ-Conical Drill EV Ø3.7/4.8

Ⓥ-Twist Drill EV Ø3.7
Ⓧ-Step Drill EV Ø3.7/4.05

Note: for conical implants, the color refers to the diameter of the implant body

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.







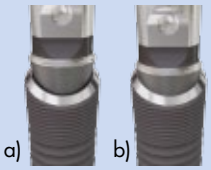
Implant Depth Gauge EV

- 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 inner container, do not use excessive pressure.



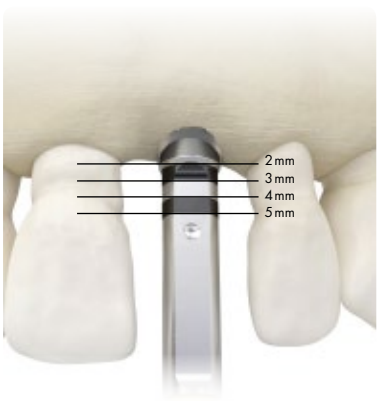
Installation

- 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° 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.

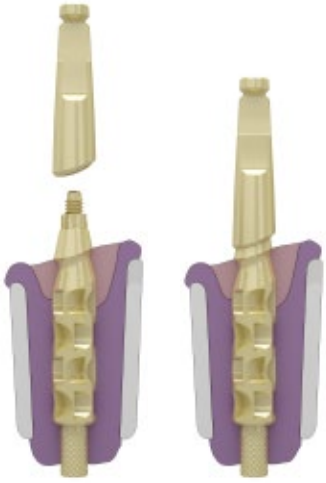
Note: The Cover Screw Profile EV and the HealDesign Profile EV are both two-piece and have a self-guiding feature that requires only one hand for seating and is designed to engage only in the correct position.

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

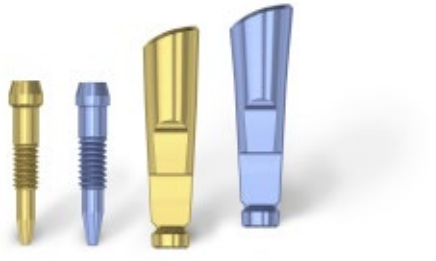
The same restorative handling procedure for OsseoSpeed EV implants applies for OsseoSpeed Profile EV. The following restorative options are specifically designed for OsseoSpeed Profile EV. For options from the OsseoSpeed EV assortment validated for OsseoSpeed Profile EV, see Product overview.



Temporary abutments	Indexing option	Clinical application	Features and benefits
TempDesign™ Profile EV Base: Titanium Cylinder: PEEK plastic	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	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
TiDesign™ Profile EV Titanium	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.



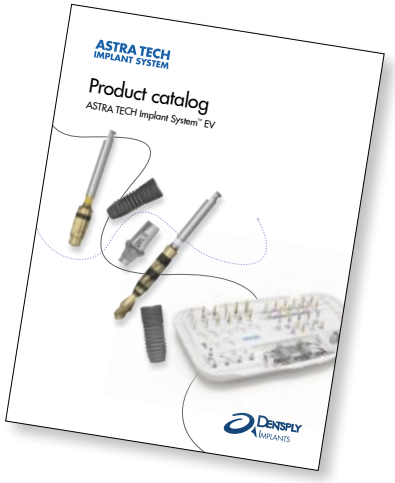
Immediate Smile featuring ATLANTIS Abutment

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

P 4.2 YELLOW

One-position-only | Index free | Round | Triangular

Implants

OsseoSpeed™ Profile EV 4.2 PS



8 mm	25440
9 mm	25441
11 mm	25442
13 mm	25443
15 mm	25444
17 mm	25445

OsseoSpeed™ Profile EV 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



○	Ø 5	3 mm	25587
○	Ø 5	4 mm	25584
△	Ø 5	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
○	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™ Profile EV



Ø 7 1 mm 25756

Temp Abutment Profile EV



Ø 4.5 1 mm 25758

Abutments

TiDesign™ Profile EV 4.2



○	Ø 5.5 15°	2 mm	25595
○	Ø 5.5	3 mm	25594
△	Ø 5.5	2 mm	25592
△	Ø 7.0	2 mm	25593

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



Patient-specific abutments

Healing caps

Uni Abutment EV Heal Cap



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

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 EV 4.2



1 mm	25662
2 mm	25663
3 mm	25664
4 mm	25665
5 mm	25666

Ball Abutment EV 4.2



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

Abutment impressions

Locator™ Abutment Pick-up



24484

Direct Abutment™ EV 4.2



Ø 5 1 mm 25367
Ø 5 2 mm 25368
Ø 5 3 mm 25369
Ø 6 1 mm 25494
Ø 6 2 mm 25495
Ø 6 3 mm 25496

Direct EV API™



Ø 5 25348
Ø 6 25349

Implant impressions

Implant Pick-Up Profile EV



Short 25601
Long 25600

Implant Transfer Profile EV



Short 25606
Long 25607

Implant Pick-Up Design Profile EV



25604

Lab products

Lab Abutment Screw EV



25478
QTY 3

Lab Pin Design EV



25530

Implant Replica Profile EV



25610

impressions

Uni Abutment EV Transfer



25646

Lab products

Uni Abutment EV Replica



25615

Lab Abutment Pin EV



Short 25643
Intermediate 25644
Long 25645

Angled Abutment EV Replica



25652

Lab Bridge Screw EV



25656
QTY 3

Bridge screw

Bridge Screw EV



25481

ATLANTIS™ ISUS implant suprastructures



Patient-specific CAD/CAM implant suprastructures

Cylinders

Uni Abutment EV Temporary Cylinder



25648

Angled Abutment EV Temporary Cylinder



25654

Uni Abutment EV Semi-Burnout Cylinder



25647

Angled Abutment EV Semi-Burnout Cylinder



25653

Uni Abutment EV Burnout Cylinder



25649

Angled Abutment EV Burnout Cylinder



25655

Abutment replicas

Ball Abutment EV Replica



25826

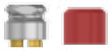
Locator™ Abutment Replica



24485

Attachment components

Dalbo Plus Female Part TE Basic, complete



25834

Locator™ Process Kit



24483

Locator™ Insert – Male



Blue 24488
Pink 24487
Clear 24486

Locator™ Insert – Extended Range Male



Grey 25679
Red 24492
Orange 25843
Green 24489

OD Cylinder EV



25638

Product overview

P4.8 BLUE

One-position-only | Index free | Round | Triangular

Implants

OsseoSpeed™ Profile EV 4.8 PS



8 mm	25446
9 mm	25447
11 mm	25448
13 mm	25449
15 mm	25450
17 mm	25451

OsseoSpeed™ Profile EV 4.8 PC



8 mm	25458
9 mm	25459
11 mm	25460
13 mm	25461
15 mm	25462
17 mm	25463

Cover screw

Cover Screw Profile EV 4.8



0 mm 25583

Healing abutments

HealDesign™ Profile EV 4.8



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

Healing Uni EV 4.8



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

HealDesign™ EV 4.8



○ Ø 5.0	2.5 mm	25913
○ Ø 5.0	3.5 mm	25502
○ Ø 5.0	4.5 mm	25914
○ Ø 5.0	6.5 mm	25915
○ Ø 6.5	2.5 mm	25916
○ Ø 6.5	3.5 mm	25917
○ Ø 6.5	4.5 mm	25306
○ Ø 6.5	6.5 mm	25798
○ Ø 7.5	3.5 mm	25918
○ Ø 7.5	4.5 mm	25919

Cement-retained

Temporary abutments

TempDesign™ Profile EV



Ø 8 1 mm 25757

Temp Abutment Profile EV



Ø 5 1 mm 25759

Abutments

TiDesign™ Profile EV 4.8



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

ATLANTIS™ abutments



Patient-specific 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



1 mm	25892
2 mm	25893

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
Ø 5.5		25617

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 EV 4.8



1 mm 25667
2 mm 25668
3 mm 25669
4 mm 25670
5 mm 25671

Ball Abutment EV 4.8



1 mm 25696
2 mm 25697
3 mm 25698
4 mm 25699
5 mm 25700
7 mm 25701

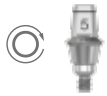
Abutment impressions

Locator™ Abutment Pick-up



24484

Direct Abutment™ EV 4.8



Ø 5 1 mm 25370
Ø 5 2 mm 25371
Ø 5 3 mm 25372
Ø 6 1 mm 25497
Ø 6 2 mm 25498
Ø 6 3 mm 25499

Direct EV API™



Ø 5 25348
Ø 6 25349

Implant impressions

Implant Pick-Up Profile EV



Short 25603
Long 25602

Implant Transfer Profile EV



Short 25608
Long 25609

Implant Pick-Up Design Profile EV



25605

Lab products

Lab Abutment Screw EV



25479
QTY 3

Lab Pin Design EV



25530

Implant Replica Profile EV



25611

impressions

Uni Abutment EV Transfer



25646

Lab products

Uni Abutment EV Replica



25615

Lab Abutment Pin EV



Short 25643
Intermediate 25644
Long 25645

Angled Abutment EV Replica



25652

Lab Bridge Screw EV



25656
QTY 3

Bridge screw

Bridge Screw EV



25481

ATLANTIS™ ISUS implant suprastructures



Patient-specific CAD/CAM implant suprastructures

Cylinders

Uni Abutment EV Temporary Cylinder



25648

Angled Abutment EV Temporary Cylinder



25654

Uni Abutment EV Semi-Burnout Cylinder



25647

Angled Abutment EV Semi-Burnout Cylinder



25653

Uni Abutment EV Burnout Cylinder



25649

Angled Abutment EV Burnout Cylinder



25655

Abutment replicas

Ball Abutment EV Replica



25826

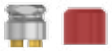
Locator™ Abutment Replica



24485

Attachment components

Dalbo Plus Female Part TE Basic, complete



25834

Locator™ Process Kit



24483

Locator™ Insert – Male



Blue 24488
Pink 24487
Clear 24486

Locator™ Insert – Extended Range Male



Grey 25679
Red 24492
Orange 25843
Green 24489

OD Cylinder EV



25638

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

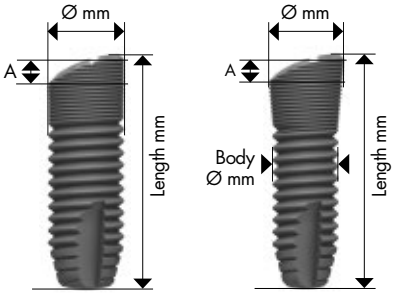


Specific colors have been assigned to the different implant-abutment connection sizes, which are consistently used throughout the system.

Ø 4.2 — Yellow

Ø 4.8 — 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	8	9	11	13	15	17
A – height mm	1.4	1.4	1.4	1.4	1.4	1.4
Order no.	25440	25441	25442	25443	25444	25445

OsseoSpeed™ Profile EV 4.2 PC



Body Ø mm	3.6	3.6	3.6	3.6	3.6	3.6
Length mm	8	9	11	13	15	17
A – height mm	1.3	1.3	1.3	1.3	1.3	1.3
Order no.	25452	25453	25454	25455	25456	25457

OsseoSpeed™ Profile EV 4.8 PS



Length mm	8	9	11	13	15	17
A – height mm	1.7	1.7	1.7	1.7	1.7	1.7
Order no.	25446	25447	25448	25449	25450	25451

OsseoSpeed™ Profile EV 4.8 PC



Body Ø mm	4.2	4.2	4.2	4.2	4.2	4.2
Length mm	8	9	11	13	15	17
A – height mm	1.6	1.6	1.6	1.6	1.6	1.6
Order no.	25458	25459	25460	25461	25462	25463

Cover Screw Profile EV





Order no.	25582	25583

Radiographic Implant Guides Profile EV



Order no.	25637

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

Implant Driver Profile EV Short



Total length mm	24	24
Order no.	25464	25466

Implant Driver Profile EV Long

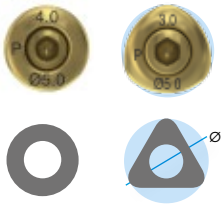


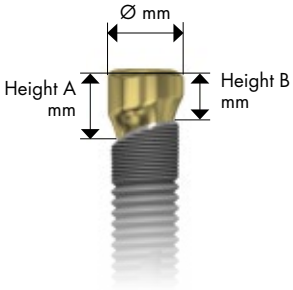
Total length mm	34	34
Order no.	25465	25467

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 one- and 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



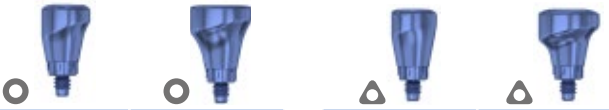


HealDesign™ Profile EV 4.2



Ø mm	5	5	5	6.5
Height A mm	5	4	4.5	4
Height B mm	4	3	3	3
Order no.	25584	25587	25585	25586

HealDesign™ Profile EV 4.8



Ø mm	5	6.5	5	6.5
Height A mm	4.5	5.5	4.5	4.5
Height B mm	3	4	3	3
Order no.	25591	25589	25588	25590

Temporary abutments

TempDesign™ Profile EV

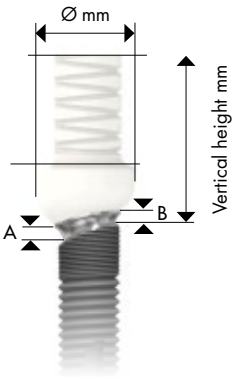


Ø mm	7	8
Height bucc A mm	1	1
ling B mm	1	1
Vertical height mm	12	12
Order no.	25756	25757

TempDesign™ EV

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

- Anatomically pre-designed for reduction technique
- For both screw- and cement-retained 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

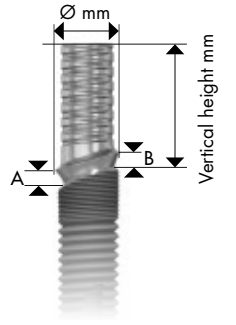


Ø mm	4.5	5.0
Height bucc A mm	1	1
ling B mm	1	1
Vertical height mm	9	9
Order no.	25758	25759

Temp Abutment EV

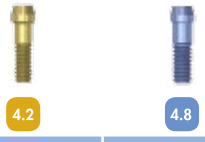
Titanium, non-sterile, delivered with an abutment screw

- 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
- (P) 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



	M1.8	M2.0
Order no.	25205	25206

Abutment Screw EV

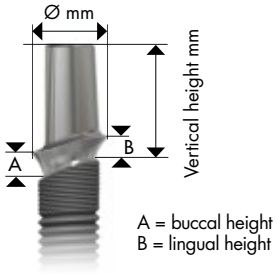
Titanium, non-sterile

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

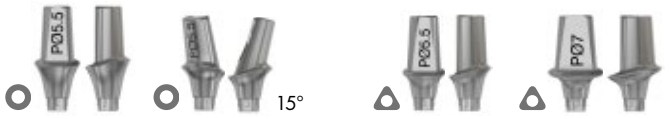
Cement-retained restorations

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

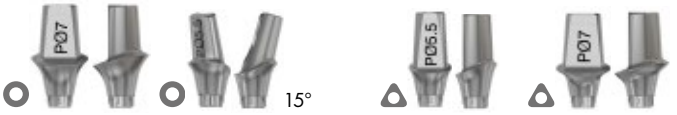


P 4.2 TiDesign™ Profile EV 4.2



Ø mm	5.5	5.5	5.5	7.0
A – height bucc mm	3	2	2	2
B – height ling mm	3	2	2	2
Vertical height mm	9.5	8.5	8.5	8.5
Order no.	25594	25595	25592	25593

P 4.8 TiDesign™ Profile EV 4.8



Ø mm	7.0	5.5	5.5	7.0
A – height bucc mm	3	2	2	2
B – height ling mm	3	2	2	2
Vertical height mm	9	8	8	8
Order no.	25598	25599	25596	25597

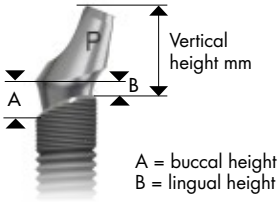
Screw-retained restorations

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"



P 4.2 Angled Abutment Profile EV 4.2, 20°



A – height bucc mm	2	3
B – height ling mm	1	2
Vertical height mm	6	7
Order no.	25890	25891

P 4.8 Angled Abutment Profile EV 4.8, 20°



A – height bucc mm	2	3
B – height ling mm	1	2
Vertical height mm	6	7
Order no.	25892	25893

Impression and laboratory components – implant-level

Implant Pick-Up Profile EV, Short



Sleeve Ø mm	4.6	4.6
Height mm	16.5	16.5
Order no.	25601	25603

Implant Pick-Up Profile EV, Long



Sleeve Ø mm	4.6	4.6
Height mm	22	22
Order no.	25600	25602

Implant Pick-Up Design Profile EV



Sleeve Ø mm	4.2	4.8
Height mm	22	22
Order no.	25604	25605

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



Implant Transfer Profile EV, Short



Sleeve Ø mm	4.2	4.8
Height mm	11	11
Order no.	25606	25608

Implant Transfer Profile EV, Long

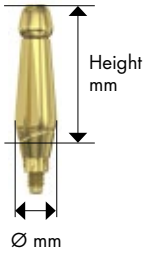


Sleeve Ø mm	4.2	4.8
Height mm	14	14
Order no.	25607	25609

Implant Transfer Profile EV

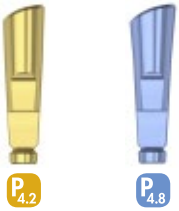
Titanium, non-sterile

- 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
- Supports indexing options; one-position-only and index free





Implant Replica Profile EV



Height mm	16.5	16.5
Order no.	25610	25611

Lab Abutment Screw EV



Order no.	25478	25479

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
QTY 3

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

Torque guide for ASTRA TECH Implant System™ 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
Date of manufacture	Date of manufacture.
Use by	Expire date.
STERILE R	Sterilized using irradiation.
Rx Only	**Caution:** Federal (USA) law restrict this product to sale by or on a order of a dentist.
Single use	Do not re-use, Single use only.
Do not re-sterilize	Do not re-sterilize.
	GOST is the valid quality certification system in Russian Federation.

Symbol	Text
CE	ASTRA TECH Implant System™ products carry the CE mark and fulfill the requirements of the medical devices directive.
Do not use if package is damaged	Do not use if package is damaged.
Consult instructions for use	Consult instructions for use.
LOT	LOT/BATCH number.
REF	Article number.
	Contains article number (GTIN number), lot number and quantity.



Index

Order by reference number

REF		page
25205	Abutment Screw EV – M1.8	23
25206	Abutment Screw EV – M2.0	23
25440	OsseoSpeed™ Profile EV 4.2 PS – 8 mm	20
25441	OsseoSpeed™ Profile EV 4.2 PS – 9 mm	20
25442	OsseoSpeed™ Profile EV 4.2 PS – 11 mm	20
25443	OsseoSpeed™ Profile EV 4.2 PS – 13 mm	20
25444	OsseoSpeed™ Profile EV 4.2 PS – 15 mm	20
25445	OsseoSpeed™ Profile EV 4.2 PS – 17 mm	20
25446	OsseoSpeed™ Profile EV 4.8 PS – 8 mm	20
25447	OsseoSpeed™ Profile EV 4.8 PS – 9 mm	20
25448	OsseoSpeed™ Profile EV 4.8 PS – 11 mm	20
25449	OsseoSpeed™ Profile EV 4.8 PS – 13 mm	20
25450	OsseoSpeed™ Profile EV 4.8 PS – 15 mm	20
25451	OsseoSpeed™ Profile EV 4.8 PS – 17 mm	20
25452	OsseoSpeed™ Profile EV 4.2 PC – 8 mm	20
25453	OsseoSpeed™ Profile EV 4.2 PC – 9 mm	20
25454	OsseoSpeed™ Profile EV 4.2 PC – 11 mm	20
25455	OsseoSpeed™ Profile EV 4.2 PC – 13 mm	20
25456	OsseoSpeed™ Profile EV 4.2 PC – 15 mm	20
25457	OsseoSpeed™ Profile EV 4.2 PC – 17 mm	20
25458	OsseoSpeed™ Profile EV 4.8 PC – 8 mm	20
25459	OsseoSpeed™ Profile EV 4.8 PC – 9 mm	20
25460	OsseoSpeed™ Profile EV 4.8 PC – 11 mm	20
25461	OsseoSpeed™ Profile EV 4.8 PC – 13 mm	20
25462	OsseoSpeed™ Profile EV 4.8 PC – 15 mm	20
25463	OsseoSpeed™ Profile EV 4.8 PC – 17 mm	20
25464	Implant Driver Profile EV 4.2 Short	21
25465	Implant Driver Profile EV 4.2 Long	21
25466	Implant Driver Profile EV 4.8 Short	21
25467	Implant Driver Profile EV 4.8 Long	21
25478	Lab Abutment Screw EV 4.2	25
25479	Lab Abutment Screw EV 4.8	25
25582	Cover Screw Profile EV 4.2	21
25583	Cover Screw Profile EV 4.8	21
25584	HealDesign™ Profile EV 4.2 Ø 5 – 4 mm	22
25585	HealDesign™ Profile EV 4.2 Ø 5 – 3 mm Triangular	22
25586	HealDesign™ Profile EV 4.2 Ø 6.5 – 3 mm Triangular	22
25587	HealDesign™ Profile EV 4.2 Ø 5 – 3 mm	22
25588	HealDesign™ Profile EV 4.8 Ø 5 – 3 mm Triangular	22
25589	HealDesign™ Profile EV 4.8 Ø 6.5 – 4 mm	22
25590	HealDesign™ Profile EV 4.8 Ø 6.5 – 3 mm Triangular	22
25591	HealDesign™ Profile EV 4.8 Ø 5 – 3 mm	24
25592	TiDesign™ Profile EV 4.2 Ø 5.5 – 2 mm Triangular	24
25593	TiDesign™ Profile EV 4.2 Ø 7 – 2 mm Triangular	24
25594	TiDesign™ Profile EV 4.2 Ø 5.5 – 3 mm	24
25595	TiDesign™ Profile EV 4.2 15° Ø 5.5 – 2 mm	24
25596	TiDesign™ Profile EV 4.8 Ø 5.5 – 2 mm Triangular	24
25597	TiDesign™ Profile EV 4.8 Ø 7 – 2 mm Triangular	24
25598	TiDesign™ Profile EV 4.8 Ø 7 – 3 mm	24
25599	TiDesign™ Profile EV 4.8 15° Ø 5.5 – 2 mm	24
25600	Implant Pick-Up Profile EV 4.2 Long	25
25601	Implant Pick-Up Profile EV 4.2 Short	25
25602	Implant Pick-Up Profile EV 4.8 Long	25
25603	Implant Pick-Up Profile EV 4.8 Short	25
25604	Implant Pick-Up Design Profile EV 4.2	25
25605	Implant Pick-Up Design Profile EV 4.8	25
25606	Implant Transfer Profile EV 4.2 Short	25
25607	Implant Transfer Profile EV 4.2 Long	25
25608	Implant Transfer Profile EV 4.8 Short	25
25609	Implant Transfer Profile EV 4.8 Long	25
25610	Implant Replica Profile EV 4.2	25
25611	Implant Replica Profile EV 4.8	25
25637	Radiographic Implant Guides Profile EV	21
25756	TempDesign Profile EV 4.2	23
25757	TempDesign Profile EV 4.8	23
25758	Temp Abutment Profile EV 4.2	23
25759	Temp Abutment Profile EV 4.8	23
25890	Angled Abutment Profile EV 4.2 20°-1 mm NI	24
25891	Angled Abutment Profile EV 4.2 20°-2 mm NI	24
25892	Angled Abutment Profile EV 4.8 20°-1 mm NI	24
25893	Angled Abutment Profile EV 4.8 20°-2 mm NI	24

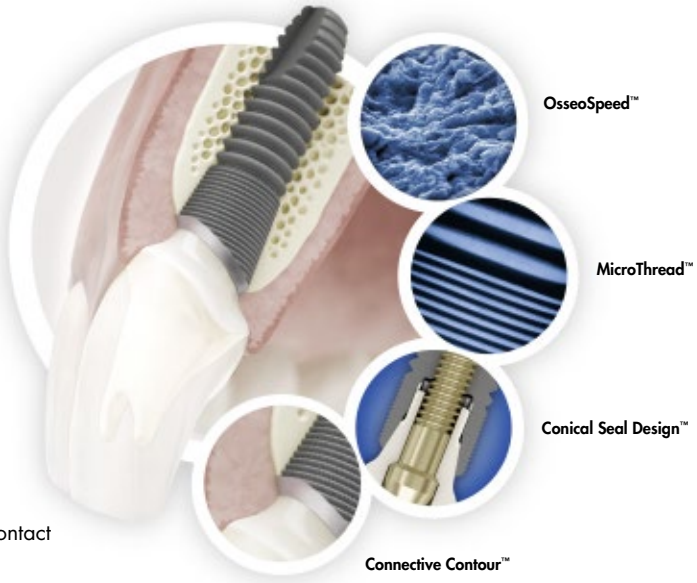
Alphabetical order

REF		page
25205	Abutment Screw EV – M1.8	23
25206	Abutment Screw EV – M2.0	23
25890	Angled Abutment Profile EV 4.2 20°-1 mm NI	24
25891	Angled Abutment Profile EV 4.2 20°-2 mm NI	24
25892	Angled Abutment Profile EV 4.8 20°-1 mm NI	24
25893	Angled Abutment Profile EV 4.8 20°-2 mm NI	24
25582	Cover Screw Profile EV 4.2	21
25583	Cover Screw Profile EV 4.8	21
25584	HealDesign™ Profile EV 4.2 Ø 5 – 4 mm	22
25585	HealDesign™ Profile EV 4.2 Ø 5 – 3 mm Triangular	22
25586	HealDesign™ Profile EV 4.2 Ø 6.5 – 3 mm Triangular	22
25587	HealDesign™ Profile EV 4.2 Ø 5 – 3 mm	22
25588	HealDesign™ Profile EV 4.8 Ø 5 – 3 mm Triangular	22
25589	HealDesign™ Profile EV 4.8 Ø 6.5 – 4 mm	22
25590	HealDesign™ Profile EV 4.8 Ø 6.5 – 3 mm Triangular	22
25591	HealDesign™ Profile EV 4.8 Ø 5 – 3 mm	22
25464	Implant Driver Profile EV 4.2 Short	21
25465	Implant Driver Profile EV 4.2 Long	21
25466	Implant Driver Profile EV 4.8 Short	21
25467	Implant Driver Profile EV 4.8 Long	21
25600	Implant Pick-Up Profile EV 4.2 Long	25
25601	Implant Pick-Up Profile EV 4.2 Short	25
25602	Implant Pick-Up Profile EV 4.8 Long	25
25603	Implant Pick-Up Profile EV 4.8 Short	25
25604	Implant Pick-Up Design Profile EV 4.2	25
25605	Implant Pick-Up Design Profile EV 4.8	25
25610	Implant Replica Profile EV 4.2	25
25611	Implant Replica Profile EV 4.8	25
25606	Implant Transfer Profile EV 4.2 Short	25
25607	Implant Transfer Profile EV 4.2 Long	25
25608	Implant Transfer Profile EV 4.8 Short	25
25609	Implant Transfer Profile EV 4.8 Long	25
25478	Lab Abutment Screw EV 4.2	25
25479	Lab Abutment Screw EV 4.8	25
25440	OsseoSpeed™ Profile EV 4.2 PS – 8 mm	20
25441	OsseoSpeed™ Profile EV 4.2 PS – 9 mm	20
25442	OsseoSpeed™ Profile EV 4.2 PS – 11 mm	20
25443	OsseoSpeed™ Profile EV 4.2 PS – 13 mm	20
25444	OsseoSpeed™ Profile EV 4.2 PS – 15 mm	20
25445	OsseoSpeed™ Profile EV 4.2 PS – 17 mm	20
25446	OsseoSpeed™ Profile EV 4.8 PS – 8 mm	20
25447	OsseoSpeed™ Profile EV 4.8 PS – 9 mm	20
25448	OsseoSpeed™ Profile EV 4.8 PS – 11 mm	20
25449	OsseoSpeed™ Profile EV 4.8 PS – 13 mm	20
25450	OsseoSpeed™ Profile EV 4.8 PS – 15 mm	20
25451	OsseoSpeed™ Profile EV 4.8 PS – 17 mm	20
25452	OsseoSpeed™ Profile EV 4.2 PC – 8 mm	20
25453	OsseoSpeed™ Profile EV 4.2 PC – 9 mm	20
25454	OsseoSpeed™ Profile EV 4.2 PC – 11 mm	20
25455	OsseoSpeed™ Profile EV 4.2 PC – 13 mm	20
25456	OsseoSpeed™ Profile EV 4.2 PC – 15 mm	20
25457	OsseoSpeed™ Profile EV 4.2 PC – 17 mm	20
25458	OsseoSpeed™ Profile EV 4.8 PC – 8 mm	20
25459	OsseoSpeed™ Profile EV 4.8 PC – 9 mm	20
25460	OsseoSpeed™ Profile EV 4.8 PC – 11 mm	20
25461	OsseoSpeed™ Profile EV 4.8 PC – 13 mm	20
25462	OsseoSpeed™ Profile EV 4.8 PC – 15 mm	20
25463	OsseoSpeed™ Profile EV 4.8 PC – 17 mm	20
25637	Radiographic Implant Guides Profile EV	21
25756	TempDesign Profile EV 4.2	23
25757	TempDesign Profile EV 4.8	23
25758	Temp Abutment Profile EV 4.2	23
25759	Temp Abutment Profile EV 4.8	23
25592	TiDesign™ Profile EV 4.2 Ø 5.5 – 2 mm Triangular	24
25593	TiDesign™ Profile EV 4.2 Ø 7 – 2 mm Triangular	24
25594	TiDesign™ Profile EV 4.2 Ø 5.5 – 3 mm	24
25595	TiDesign™ Profile EV 4.2 15° Ø 5.5 – 2 mm	24
25596	TiDesign™ Profile EV 4.8 Ø 5.5 – 2 mm Triangular	24
25597	TiDesign™ Profile EV 4.8 Ø 7 – 2 mm Triangular	24
25598	TiDesign™ Profile EV 4.8 Ø 7 – 3 mm	24
25599	TiDesign™ Profile EV 4.8 15° Ø 5.5 – 2 mm	24

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



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