DS Implants

DS PrimeTaper™

Surgical manual and product catalog

Including Astra Tech Implant System EV products

Dentsply Sirona

This manual is designed for use by clinicians who have undergone at least basic prosthetic 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.

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Product illustrations are not to scale.

CONTENTS

For more information also follow the manufacturer's instructions:

Zest Anchors
– Instructions for use – Locator® implant attachment system
– Locator® Implant Attachment System, Technique Manual for detailed handling of the Locator™ Abutment

Cendres Métaux
– Attachment for prosthetic dentistry for detailed handling of the Dalbo®-Plus Female part

1. Introduction to DS PrimeTaper

Implant design

The DS PrimeTaper implant is designed with a progressive taper and thread for primary stability. The implant's design provides for long-term marginal bone maintenance thanks to the proven MicroThread and OsseoSpeed surface from the Astra Tech Implant System.

Predictable installation

- Immediate installation stability in different bone qualities
- Consistent torque build-up during the installation

MicroThread

- MicroThread enables biomechanical bone stimulation

OsseoSpeed

- A chemically modified titanium surface with a unique topography that stimulates early bone healing and speeds up the osseointegration process.

Progressive taper and thread design

- The DS PrimeTaper implant is designed with a progressive taper and thread for immediate installation stability.

Color coding

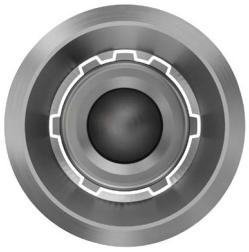
The DS PrimeTaper Implant line is available in different diameters and lengths. The color coding makes it easy to identify the correct connection and to select the right prosthetic components.

Implant Ø mm	3.6	4.2	4.8	5.4
Connections	S	M	L	L
Lengths mm	–	6.5	6.5	6.5
	8	8	8	8
	9	9	9	9
	11	11	11	11
	13	13	13	13
	15	15	15	15
	17	17	17	–

Implant-abutment connection

The implants have a unique interface providing three different options for abutment placement/indexing.

- **One-position-only**
  Atlantis patient-specific abutments will seat in one position only.
- **Six positions**
  Indexed abutments will seat in six available positions.
- **Non-indexed**
  Non-indexed abutments will be seated in any rotational position.



Restorative solutions

The implants portfolio offers prefabricated and patient-specific abutments. Restorations include prosthetic options on implant and abutment levels. Various types of fixation possibilities e.g. screw-, cement-, friction- and attachment-retained restorations.

2. Treatment planning

Pre-operative planning should be based on the expected restorative treatment outcome. Therefore treatment planning should include all stages of the procedure, from healing time and components to temporary and final restorations.

The treatment planning is based on a comprehensive consultation with the patient to determine exactly what the patient wants and expects from the treatment, but also to discover any possible contraindications and to explain the treatment in detail to the patient.

It is followed by a complete general and specific medical history and intraoral examination with analysis of the initial anatomical situation.

The following points must be considered:

- Medical and dental history
- General diagnoses – exclusion of contraindications
- Specialist consultation for risk factors
- Detailed intraoral examination including general radiographic examination

After examination and evaluation of the diagnostic documentation, the treatment plan should be prepared.

Even though the final treatment approach may be determined at the time of surgery, consider the following based on the quality of supporting bone and expected initial stability of the implant(s):

- One- or two-stage surgical procedure
- Immediate or early loading protocol
- Expected healing time before loading

When determining time to loading of implants for each individual case, the following should be carefully examined and assessed:

- Bone quality and quantity
- Primary stability
- Design of restoration
- Loading conditions

Before treatment begins, the patient should be informed about the results of the pre-operative examination and given a clear explanation of what the planned treatment entails, including the expected outcome, maintenance requirements and risks involved.

Accurate planning of every implant procedure is essential for the long-term success of the treatment. The planning process defines all actions and lists alternatives that can meet the patient`s expectations of the function and esthetics of the implant-prosthetic rehabilitation.

Conventional treatment planning

A diagnostic wax-up with the missing teeth replaced provides important information in the planning phase.

Based on analysis and evaluation of the occlusal table, force distribution and preferred sites for the implants, an optimal plan can be achieved.

The diagnostic wax-up and radiographs make it possible to plan implant position, angulation and size in order to support the planned prosthetic construction in an optimal way.

A surgical guide can be manufactured and used during surgery to aid the implant installation.

Computer-guided treatment planning

Digital treatment planning based on three-dimensional imaging procedures enables the therapy to be planned with accuracy and makes the implant placement procedure predictable and precise.

Clinical application

The implants are used for both one- and two-stage surgical procedures in the following situations and with the following clinical protocols:

- Replacing missing teeth in single or multiple unit applications in the mandible or maxilla.
- Immediate placement in extraction sites and in situations with a partially or completely healed alveolar ridge.
- Especially indicated for use in soft bone applications where implants with other implant surface treatments may be less effective.
- Immediate and early loading for all indications, except in single tooth situations on implant shorter than 8 mm or in soft bone (type IV) where implant stability may be difficult to obtain and immediate loading may not be appropriate.

Based on mechanical strength considerations it is recommended to always place the widest implant possible for the edentulous space. This is particularly important in the posterior regions of the jaws where loading forces are high and considerable bending moments could be generated.

In all cases it is important to consider loading conditions when determining the number and spacing of implants.

Cleaning and sterilization instructions

Products within DS Implants are designed to be cleaned and sterilized before clinical use with the exception of sterile packed products. The cleaning and sterilization instructions have been developed and validated by Dentsply Sirona in accordance with the applicable standards. For further information and step-by-step procedures, refer to the Cleaning and sterilization instruction manual. For products with other legal manufacturer, see respective product's IFU.

3. Instruments

Drills

The implant site is prepared in accordance with the drilling protocol to ensure simple and safe implant placement in all bone qualities.

Guide Drill

- Used to mark a starting point

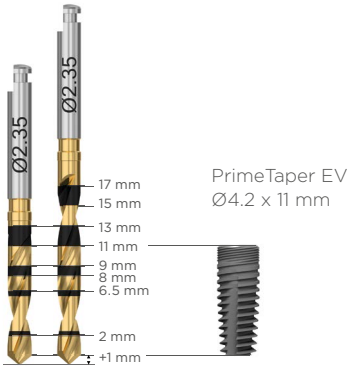
Precision Drill

- Used to mark a starting point
- **Note:** The Precision Drill is an extremely sharp drill for single use only. Once out of its package it should never be handled manually or placed on the tray.

PrimeTaper Drills

- For implant site preparation up to the planned implant diameter
- Depth marked
- Multiple use with option for single use
- Marked with the respective diameters and numbers (1-7)
- Available in two lengths:

Drill short	Drill long
6.5-13 mm	6.5-17 mm

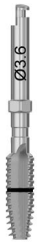
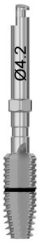


Ø mm	1.9	2.35	2.95	3.55	4.15	4.75	5.35
Drill number	1	2	3	4	5	6	7
							

The effective drilling depth is maximum 1 mm more than the implant length, indicated by the depth marking.

PrimeTaper Taps

- For very dense bone preparation
- Depth marked 6.5 mm
- Multiple use with option for single use

Ø mm	3.6	4.2	4.8	5.4
				

Intermediate drills

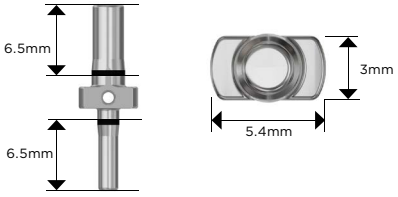
- Intermediate twist drills for fine-tuning the diameter of the osteotomy
- Depth marked
- Multiple use with option for single use
- Marked with the respective diameters
- Available in two lengths

Ø mm	2.65	3.25	3.85	4.45	5.05
Drill number	2½	3½	4½	5½	6½
					

All drills except the Precision Drill can be used for approximately ten cases. They should be carefully cleaned and sterilized after each surgery and replaced as soon as a decrease in their cutting efficiency is observed.

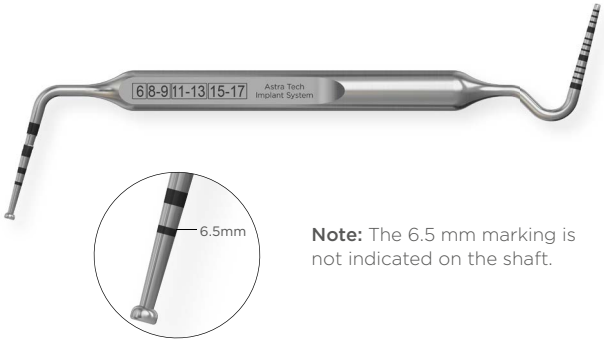
PrimeTaper Direction indicator

- Used after drill ① and drill ③
- Used for visualizing the position and direction of the prepared osteotomy and for measuring the space between osteotomies.



Implant Depth Gauge

- Used for measuring the depth of the implant site
- Markings correspond to the implant lengths
- The other end of the gauge can be used as a measuring probe.



Note: The 6.5 mm marking is not indicated on the shaft.

Instrument Extender

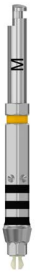
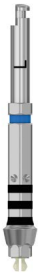
- Used for extending the length of a drill or implant driver
- Ensure sufficient irrigation when using the extender

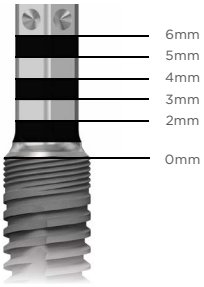
Implant drivers

The implant drivers can be used with a contra angle or with a surgical driver handle and a torque wrench.

Implant Driver EV

- For implant installation
- Color-coded and depth marked
- Available in short and long

Ø mm	3.6	4.2	4.8	5.4
Color coding				
				



The reference point (“0”) of the depth markings is the intended bone level, i.e., the lowest point of the bone level.

To facilitate optimal placement of pre-designed abutments, align one of the dots buccally.

Carefully clean and sterilize the driver after each surgery and replace it as soon as any decrease in functionality is observed. The Implant Driver EV can be used for approximately 100 implant installations.

Torque wrench

Torque Wrench EV

- For implant installation and adjustment of the implant position
- Used together with the surgical driver handle

Torque Wrench EV Surgical Driver Handle

- Used together with the torque wrench

Hex drivers

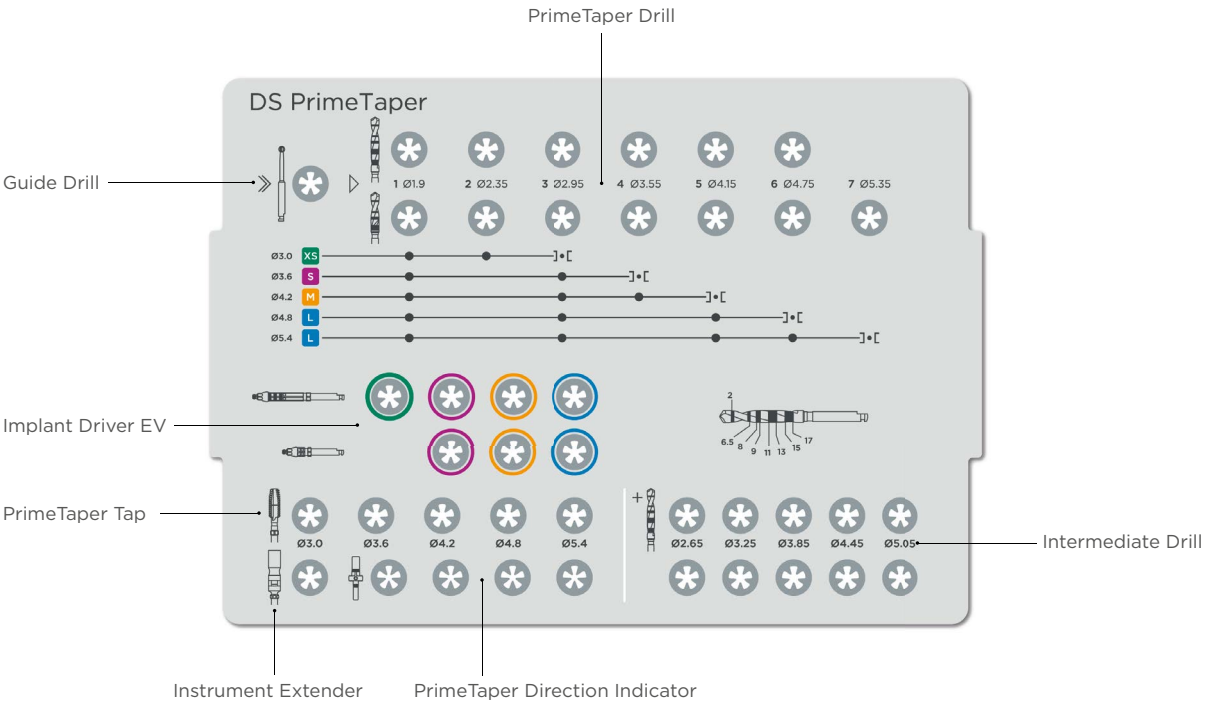
- Used for tightening screws, surgical and restorative components

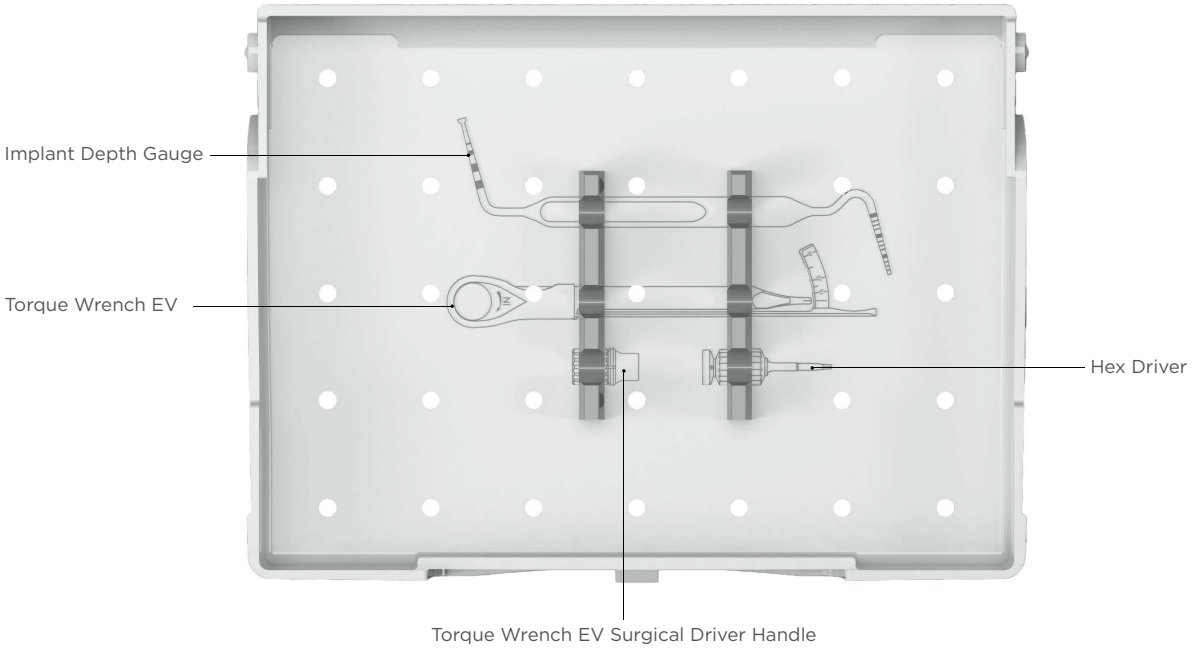
Hex Driver			Hex Driver Manual	
				

Surgical tray

All instruments for surgical use are stored in the PrimeTaper Surgical Tray, which is designed to make all instruments easily accessible.

QR code for additional information about the surgical tray.

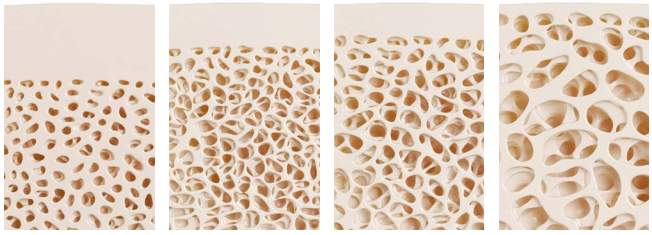

PrimeTaper Drill
DS PrimeTaper
Guide Drill
1 Ø1.9
2 Ø2.35
3 Ø2.95
4 Ø3.55
5 Ø4.15
6 Ø4.75
7 Ø5.35
Ø3.0 XS
Ø3.6 S
Ø4.2 M
Ø4.8 L
Ø5.4 L
Implant Driver EV
PrimeTaper Tap
Ø3.0
Ø3.6
Ø4.2
Ø4.8
Ø5.4
Ø2.65
Ø3.25
Ø3.85
Ø4.45
Ø5.05
Intermediate Drill
Instrument Extender
PrimeTaper Direction Indicator


Implant Depth Gauge
Torque Wrench EV
Hex Driver
Torque Wrench EV Surgical Driver Handle

4. Implant site preparation

It is important to obtain knowledge about the bone quality available at the implant site, as it may vary in the maxilla and the mandible. During the planning phase it is also crucial to check that the horizontal and vertical bone volume is sufficient for placement of an implant.

According to Misch[1], Lekholm and Zarb[2], bone of various qualities can be classified into four classes D I – D IV.



Bone class D I
Dense cortical bone, almost no spongy bone.

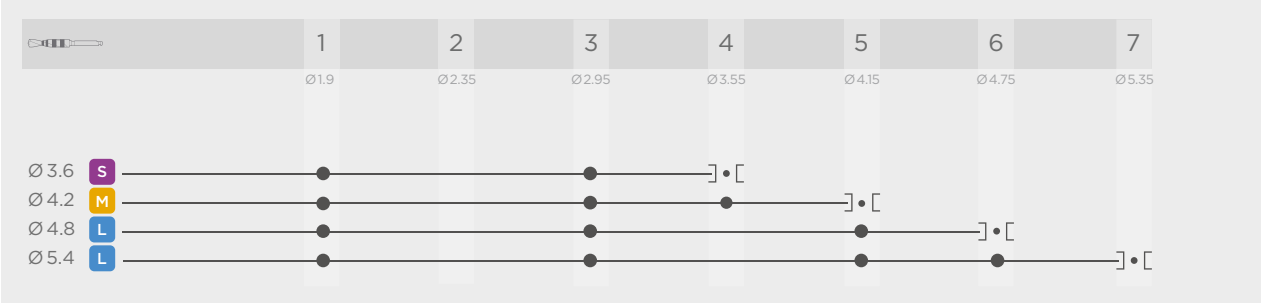
Bone class D II
Dense cortical bone, large-grain spongy bone.

Bone class D III
Thin cortical bone, fine-meshed spongy bone.

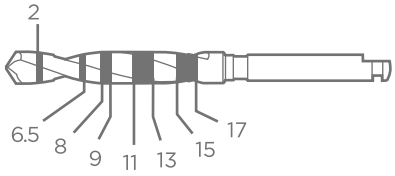
Bone class D IV
No cortical bone, fine spongy bone.

Drilling protocol

Recommended drilling protocol for soft, medium and dense bone qualities

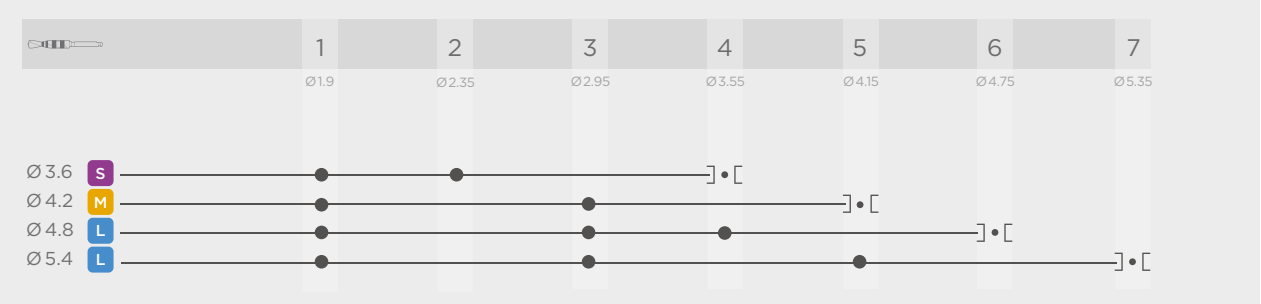


- Figures refer to drill numbers 1-7
-] [refers to cortical preparation only (mandatory)
- Adapt the cortical preparation to the individual thickness of the cortex
- Drilling to the 2 mm marking, using the drill for cortical preparation "] [", will ensure sufficient space for the MicroThread portion of the implant



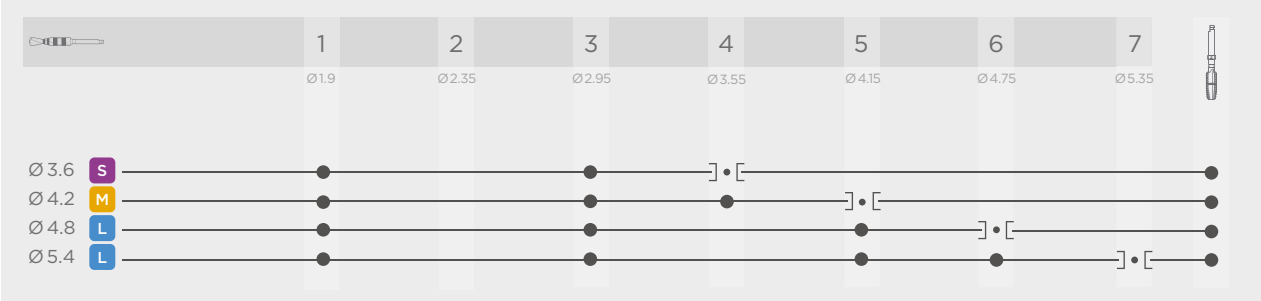
References:
1. Misch CE: Density of bone: Effect on treatment plans, surgical approach, healing, and progressive bone loading. Int J Oral Implantol 1990;6(2):23-31.
2. Lekholm U, Zarb GA: Patient selection and preparation. In: Branemark PI, Zarb GA, Albrektsson T (eds): Tissue-integrated prostheses. Osseointegration in clinical dentistry. Quintessence, Chicago 1985:199-209.

Drilling protocol for very soft bone



- May be applicable in extraction sockets

Drilling protocol for very dense bone



- Screw Tap is available, used after cortical preparation] [

Osteotomy fine-tuning

Five additional intermediate drills, 2 ½ - 6 ½, are available for fine-tuning the diameter of the osteotomy.

This is useful if you desire a slight widening of the osteotomy or a slight under-preparation, compared to the recommended protocol.

Finalize the osteotomy with cortical preparation] [.

Implant site preparation procedure

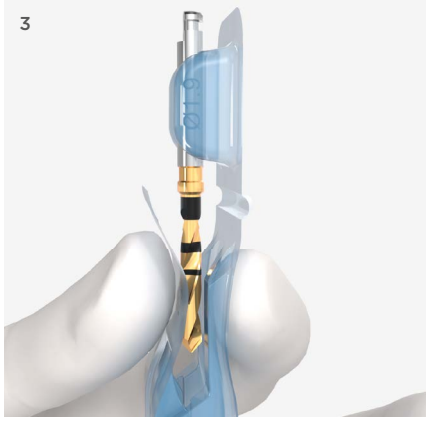
The following images show the implant site preparation for PrimeTaper EV Ø4.2 x 11 mm, using the recommended protocol.

Incision

- Make an incision.
- Mobilize and fold back the mucoperiosteal flap.

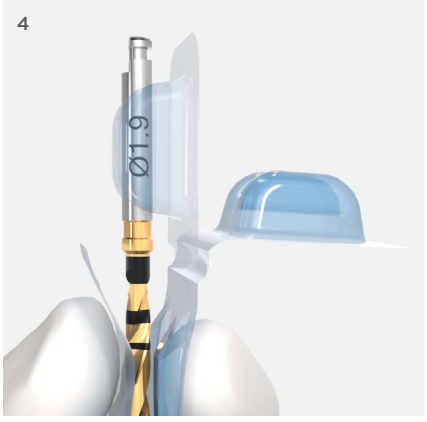
Marking

- Mark the cortical bone with the Guide Drill or the Precision Drill, to give the next drill a secure starting point.
- **Note:** The Precision Drill is an extremely sharp drill for single use only. Once out of its package it should never be handled manually or placed on the tray.



Blister

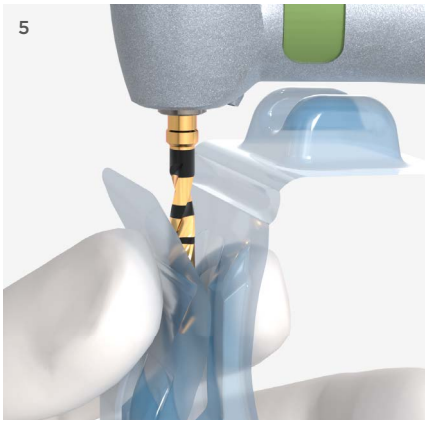
- Open the package and place the blister onto a sterile area.
- Secure the drill by squeezing the blister.



Blister

- Expose the drill shaft by bending back the top of the blister.

Cutting instruments should generally be replaced after ten cycles of use. **Blunt or damaged instruments must be replaced immediately.** Gentle, thorough disinfection and cleaning, will ensure an optimal operation of the drills.



Pick-up

- Engage the drill with the contra angle.

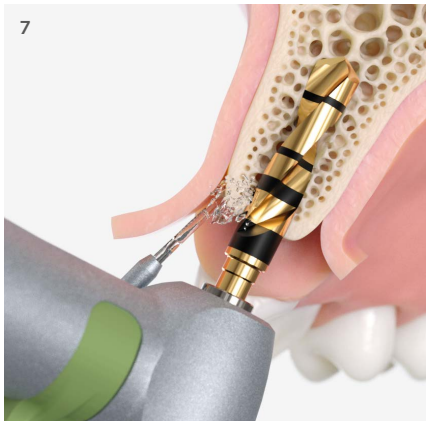
Drill 1 Ø1.9

- Drill in the planned direction to the appropriate depth.
- The drilling will provide valuable information about the cortical and spongious bone.
- Insert the smaller end of the PrimeTaper Direction Indicator into the site to visualize/verify the direction.

Maximum drilling speed is 1500 rpm.

Implant site preparation procedure

7



PrimeTaper Drill 3 Ø2.95

- Drill in the planned direction to the appropriate depth.
- Insert the larger end of the direction indicator into the site to visualize/verify the direction.

8

PrimeTaper Drill 4 Ø3.55

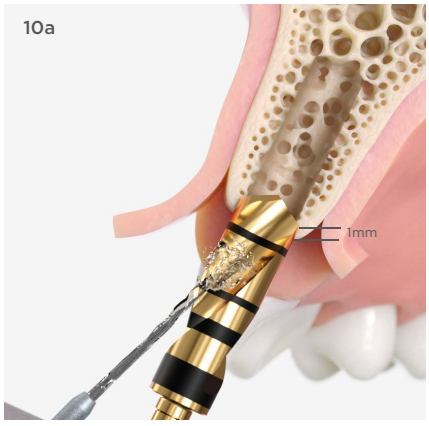
- Drill in the planned direction to the appropriate depth.
- Check the osteotomy depth by using the Implant Depth Gauge.

9

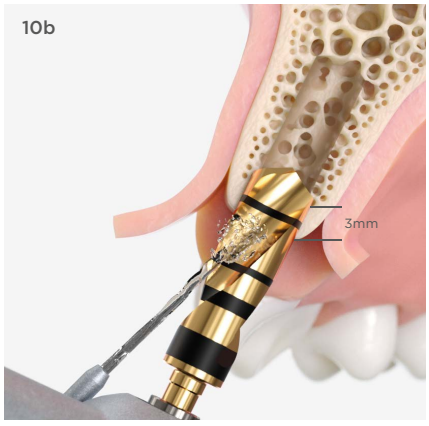
Measuring the osteotomy

- After drilling, carefully measure the depth of the implant site by using the depth gauge.
- Use the same clinical reference point for the depth as for the planned implant position. **Note:** The depth should allow the implant to be level with or slightly submerged in relation to adjacent marginal bone.

10a



10b



Cortical preparation of the bone - PrimeTaper Drill 5 Ø4.15

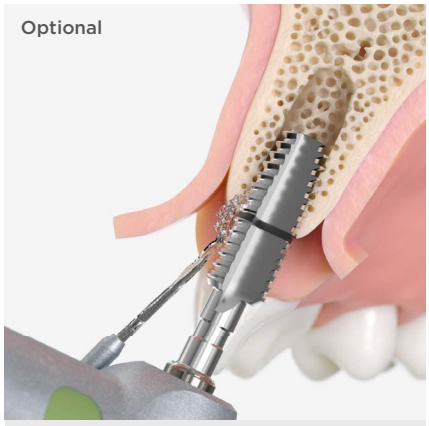
1 mm thick cortex

- Cortical preparation is marked with this symbol] [in the drilling protocol.
- Drill through the entire thickness of the cortical bone, in this case 1 mm.

3 mm thick cortex

- Drill through the entire thickness of the cortical bone, in this case 3 mm.

Optional



Optional tapping in very dense bone

- Prepare the site with the PrimeTaper Tap Ø4.2 at maximum 25 rpm through the cortical bone. The depth marking indicates 6.5 mm.
- Turn the tap counter-clockwise to remove it from the osteotomy.

Drilling to the 2 mm marking, using the drill for cortical preparation "] [", will ensure sufficient space for the MicroThread portion of the implant.

5. Implant packaging

PrimeTaper EV implants are supplied in a double-blister package with an outer box.

1

Outer box package

- Implant diameter-specific color coding according to EV connection and implant length information on side labels.
- QR codes accessible on two sides.
- Stackable, all important product information remains visible.
- Instructions For Use (IFU) available electronically (eIFU): ifu.dentsplysirona.com

2

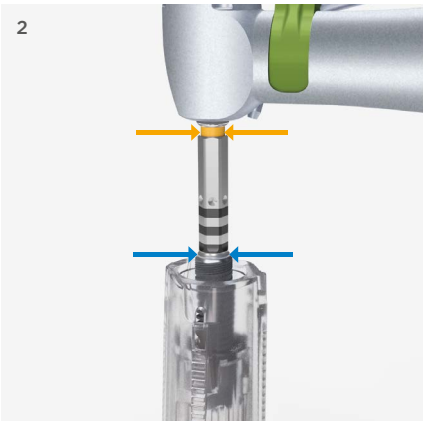
Blister

- Inner sterile package
- Contains implant container
- Peel-off label with batch code supporting a convenient documentation of the treatment.

6. Implant installation

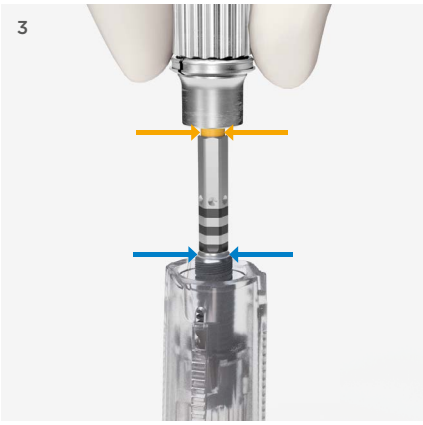
Implant container

- Open the blister package.
- Pour the sterile inner container onto a sterile area.
- Remove the cap from the container, using a twisting motion to expose the top of the implant.



Machine Implant pick-up

- Attach the appropriate Implant Driver EV to the contra angle, see yellow arrows.
- Carefully rotate the driver in the implant to align the indexing tabs.
- Make sure that the implant driver is fully seated into the implant, see blue arrows.



Manual implant pick-up

- Attach the appropriate Implant Driver EV to the Surgical Driver Handle to pick up the implant.
- The driver is correctly seated when the color-coded marking is in contact with the handle, see yellow arrows.
- Carefully rotate the driver in the implant to align the indexing tabs.
- Make sure that the implant driver is fully seated into the implant, see blue arrows.

Machine implant placement

- Install the implant with the contra angle at low speed (25 rpm) under profuse irrigation.
- Allow the implant to work its way into the osteotomy. Avoid applying unnecessary pressure. Do not exceed 45 Ncm when installing the implant. If not completely seated before reaching 45 Ncm, reverse/ remove the implant and widen the osteotomy appropriately.

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

Manual implant placement

- Install the implant with the implant driver and the surgical driver handle.

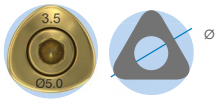
Final positioning

- Attach the implant driver and the surgical driver handle into the torque wrench until there is an audible click.
- Position the implant at the marginal bone level or slightly below.
- Position one of the dots on the implant driver buccally to facilitate optimal placement of the pre-designed abutments.
- Release the implant driver by lifting it gently from the implant.

One-stage surgical protocol

If a one-stage procedure with transgingival healing is planned without preparation of an implant-supported temporary restoration, the implants can be covered with healing abutments. This is an option where an existing denture can be used as a temporary restoration. Healing abutments are also used for soft tissue sculpturing during the healing phase.

Round shapes are indicated for all positions in the mouth.



Triangular shapes for anterior implant sites to mimic the incisors and canines. The Triangular HealDesign EV is a two-piece abutment.

1

Placing the healing abutment

- Place the HealDesign EV using the Hex Driver.
- Manually secure the healing abutment using light finger force (5–10 Ncm).

2

Suturing

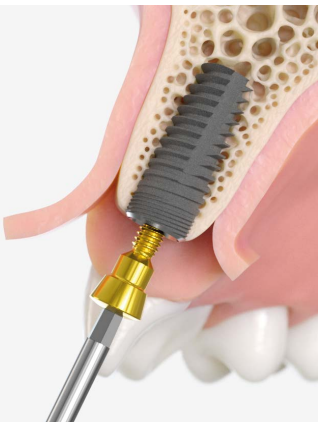
- Adapt and suture the soft tissue.

An existing temporary denture, such as a clasp denture or a bridge fixed to neighboring teeth, must be modified before delivery to ensure that there will be no pressure on the healing abutment.

Two-stage surgical protocol

If a two-stage procedure is planned, the implant is sealed with a cover screw during the healing phase to prevent the entry of saliva and bacteria.

1



Placement of the cover screw

- Insert the Cover Screw EV using the Hex Driver.
- Tighten with light finger force (5–10 Ncm).

2

Suturing

- Replace and fix the tissue flaps with sutures.

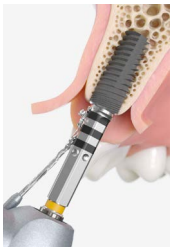
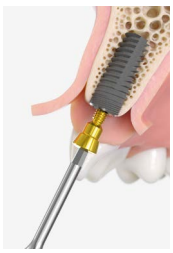
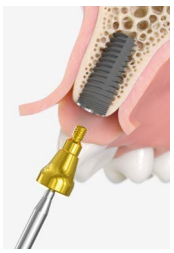
3

Exposure

- After the healing phase expose the implant for fabrication of the prosthetic restoration.
- Depending on the planned procedure, place a healing abutment or a temporary restoration.

Torque guide

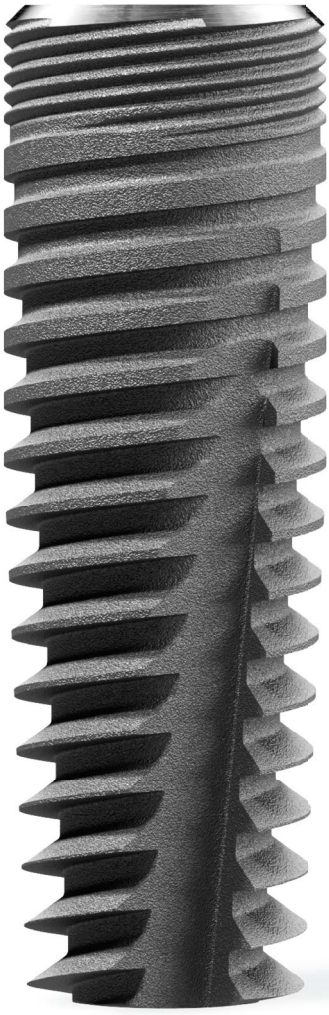
Recommended installation and tightening torque

Type of product installation		Torque – Ncm
■ Implant placement		Maximum 45 Ncm
■ Cover screws ■ Healing components	 	5 – 10 Ncm Manual/ light finger force

DS PrimeTaper product catalog

Products specifically designed for use with the PrimeTaper EV Implants are presented in this product catalog. For additional products, please refer to the product catalog for Astra Tech Implant System EV.

For more information visit www.dentsplysirona.com



Implants

S PrimeTaper EV 3.6

Ø mm	3.6	3.6	3.6	3.6	3.6	3.6
Length mm	8	9	11	13	15	17
Order No.	68011090	68011091	68011092	68011093	68011094	68011095

M PrimeTaper EV 4.2

Ø mm	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Length mm	6.5	8	9	11	13	15	17
Order No.	68011096	68011097	68011098	68011099	68011100	68011101	68011102

L PrimeTaper EV 4.8

Ø mm	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Length mm	6.5	8	9	11	13	15	17
Order No.	68011103	68011104	68011105	68011106	68011107	68011108	68011109

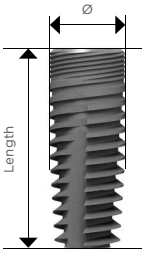
L PrimeTaper EV 5.4

Ø mm	5.4	5.4	5.4	5.4	5.4	5.4
Length mm	6.5	8	9	11	13	15
Order No.	68011110	68011111	68011112	68011113	68011114	68011115

PrimeTaper EV

Titanium[1], sterile

- The implants are available in a versatile range of diameters and lengths for all indications, including situations with limited space and/or bone quantity.



- Specific colors have been assigned to the different implant-abutment connection sizes and are consistently used throughout the system
- OsseoSpeed surface treatment over the entire implant including the micro threads up to the bevel
- Compatible with the restorative assortment of DS Implants and the Astra Tech Implant System with the EV connection

PrimeTaper EV	Ø3.6 mm	Ø4.2 mm	Ø4.8/5.4 mm
Connections	S	M	L
Prosthetics EV	Ø3.6 mm	Ø4.2 mm	Ø4.8 mm
Ø mm	3.6	4.2	4.8

Cover screws

Cover Screw EV

Titanium², sterile

Cover Screw EV



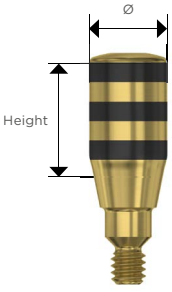
	3.6	4.2	4.8
Order No.	25281	25282	25283

Healing abutments

Healing Uni EV

Titanium², sterile

- For soft tissue sculpturing during the healing phase
- Color-coded and marked with height
- Laser etched bands for showing height



3.6 Healing Uni EV 3.6




Ø mm	4	4	4	4
Height mm	2	3	4	6
Order No.	25285	25578	25286	25287

4.2 Healing Uni EV 4.2




Ø mm	4	4	4	4
Height mm	2	3	4	6
Order No.	25288	25579	25289	25290

4.8 Healing Uni EV 4.8

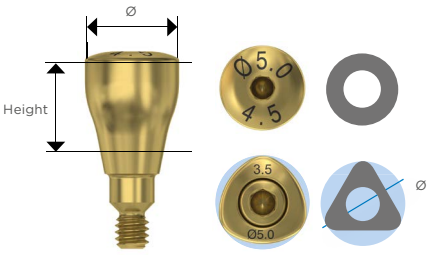



Ø mm	4.3	4.3	4.3	4.3
Height mm	2	3	4	6
Order No.	26219	26220	26221	26222

HealDesign™ EV

Titanium[2], sterile

- For soft tissue sculpturing during the healing phase
- Can be used for both one- and two-stage surgery
- Marked with diameter and height



Round shapes are indicated for all positions in the mouth.

Triangular shapes for anterior implant sites to mimic the incisors and canines. The Triangular HealDesign EV is a two-piece abutment.

3.6 HealDesign EV 3.6

Ø mm	4	4	4	4	5	5	5	5	6	6	5
Height mm	2.5	3.5	4.5	6.5	2.5	3.5	4.5	6.5	3.5	4.5	3.5
Order No.	25902	25300	25299	25796	25903	25920	25904	25905	25906	25907	25301

4.2 HealDesign EV 4.2

Ø mm	5	5	5	5	6.5	6.5	6.5	6.5	5	6.5	
Height mm	2.5	3.5	4.5	6.5	2.5	3.5	4.5	6.5	3.5	3.5	
Order No.	25908	25501	25302	25797	25909	25910	25911	25912	25303	25304	

4.8 HealDesign EV 4.8

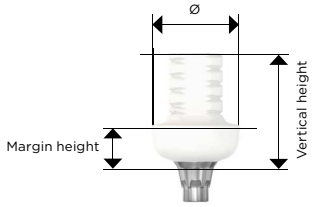
Ø mm	5	5	5	5	6.5	6.5	6.5	6.5	7.5	7.5	5	6.5
Height mm	2.5	3.5	4.5	6.5	2.5	3.5	4.5	6.5	3.5	4.5	3.5	3.5
Order No.	25913	25502	25914	25915	25916	25917	25306	25798	25918	25919	25305	25307

Temporization - implant level

TempDesign™ EV

Titanium[2], PEEK plastic[6], 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
- Indexed abutments will seat in six available positions.



TempDesign™ EV

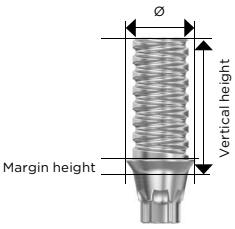


	3.6	4.2	4.8
Ø mm	7	9	10
Margin height mm	5	5	5
Vert. height mm	12	12	12
Order No.	25504	25505	25506

Temp Abutment EV

Titanium[2], non-sterile,
delivered with an abutment screw

- Designed for build-up technique
- For large, multi-unit restorations and/or long-term temporization
- For both screw- and cement-retained restorations
- Primarily processed in the laboratory
- Screw-retained restorations, limited to single-tooth only
- Indexed abutments will seat in six available positions.



Temp Abutment EV



	3.6	4.2	4.8
Ø mm	4.0	4.5	5.0
Margin height mm	1	1	1
Vert. height mm	9	9	9
Order No.	26252	26253	26254

Abutment Screw EV

Titanium[2], non-sterile

Note: A corresponding Abutment Screw EV is included with every temporary abutment as well as final two-piece abutments. To order additional screws, refer to Abutment Screw EV section to the left.

Abutment Screw EV



	3.6	4.2	4.8
	M1.6	M1.8	M2.0
Order No.	25204	25205	25206

Cement-retained restorations – implant-level

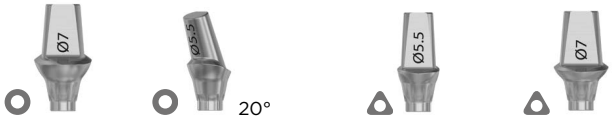
3.6 TiDesign EV 3.6

Ø mm	4.5	4.5	5.5
A – height bucc mm	2.5	1.5	1.5
B – height ling mm	3.5	2.5	2.5
Vertical height mm	10	9	9
Order No.	25334	25335	25333

4.2 TiDesign 4.2

Ø mm	5.5	5.5	5.5	7
A – height bucc mm	2.5	1.5	1.5	1.5
B – height ling mm	3.5	2.5	2.5	2.5
Vertical height mm	10	9	9	9
Order No.	25338	25339	25336	25337

4.8 TiDesign 4.8

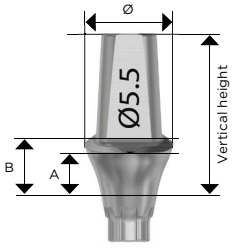


Ø mm	7	5.5	5.5	7
A – height bucc mm	2.5	1.5	1.5	1.5
B – height ling mm	3.5	2.5	2.5	2.5
Vertical height mm	10	9	9	9
Order No.	25342	25343	25340	25341

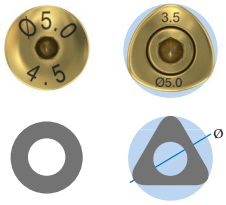
TiDesign™ EV

Titanium[2], non-sterile,
delivered with an abutment screw

- Round – design for the majority of restorative situations
- Triangular – primarily for incisors and canines with triangular shape; low margin of 1.5 mm above implant level
- Angled design for offset situations compensating for implants in a restoratively unfavorable position
- Indexed abutments will seat in six available positions.
- Marked with Ø



A = buccal height
B = lingual height



Note: A corresponding Abutment Screw EV is included with every two-piece final abutment. To order additional screws, refer to Abutment Screw EV section (p.26).

CastDesign™ EV

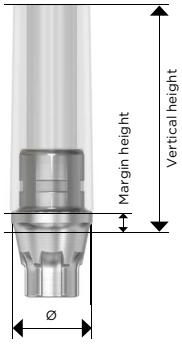
	3.6	4.2	4.8
Ø mm	4.1	4.1	5.1
Height mm	1	1	1
Vertical height mm	11	11	11
Order No.	25326	25327	25328

CastDesign™ EV

Metal Base: Gold-Platinium alloy[7]
Cylinder: PMMA plastic[6]
Non-sterile, delivered with an abutment screw

For cases that require angulation corrections up to 30° using regular wax-up and cast-to techniques

- For both screw- and cement-retained restorations
- Screw-retained restorations, limited to single-tooth only
- Indexed abutments will seat in six available positions.

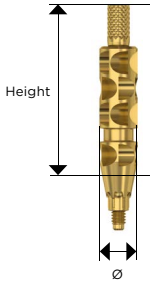


Impression and laboratory components – implant-level

Implant Pick-Up EV / Implant Pick-Up Design EV

Titanium[2], non-sterile

- Open tray technique
- Self-guiding positioning
- Designed with hex at the pin head
- Possibilities to capture the exact soft tissue shape for best possible esthetic results
- Supports all indexing options; one-position-only, six position and indexed free
- Designed for splinting possibilities



Implant Pick-Up EV, Short



	3.6	4.2	4.8
Ø mm	3.8	4.6	4.6
Height mm	16.5	16.5	16.5
Order No.	26227	26228	26229

Implant Pick-Up EV, Long



	3.6	4.2	4.8
Ø mm	3.8	4.6	4.6
Height mm	22	22	22
Order No.	26232	26233	26234

Implant Pick-Up Design EV, Short



	3.6	4.2	4.8
Ø mm	3.6	4.2	4.8
Height mm	16.7	16.7	16.7
Order No.	26235	26236	26237

Implant Pick-Up Design EV, Long



	3.6	4.2	4.8
Ø mm	3.6	4.2	4.8
Height mm	22	22	22
Order No.	26240	26241	26242

Implant Transfer EV, Short

	3.6	4.2	4.8
Ø mm	3.6	4.2	4.8
Height mm	11	11	11
Order No.	25535	25537	25539

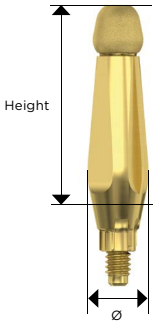
Implant Transfer EV, Long

	3.6	4.2	4.8
Ø mm	3.6	4.2	4.8
Height mm	14	14	14
Order No.	25536	25538	25540

Implant Transfer EV

Titanium[2], non-sterile

- Closed tray technique
- Self-guiding positioning
- Must be repositioned in the unique site in the impression
- Designed with a hex at the pin head



Implant Replica EV

	3.6	4.2	4.8
Height mm	16.5	16.5	16.5
Order No.	25544	25545	25546

Implant Replica EV

Titanium[2], non-sterile

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

- Single use

Lab Pin Design EV

	3.6	4.2 4.8
Height mm	25	25
Order No.	25528	25530

Lab Abutment Screw EV

	3.6	4.2	4.8
Order No.	25477	25478	25479

Lab Pin Design EV

Stainless steel[3], non-sterile

- For maintenance of screw access channel during the laboratory procedure
- Friction fit to the Lab Abutment Screw EV screw hole

Lab Abutment Screw EV

Titanium[2], non-sterile

QTY 3

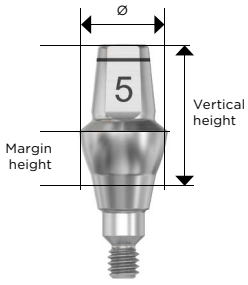
Designed for use with Implant Replica EV only

Cement-retained restorations – abutment-level

Direct Abutment™ EV

Titanium[2], sterile

- Sold separately; not included in the Direct EV API™ kit
- Index-free abutments will be seated in any rotational position.
- Marked with Ø
- Use the Hex Driver EV for the Ø5.0 and Ø6.0 Direct Abutment EV.



Direct Driver EV Ø4

Stainless steel[3], non-sterile

Required for carrying and installation of Direct Abutment EV Ø4.

3.6 Direct Abutment EV 3.6

Ø mm	4.0	4.0	4.0
Margin height mm	1	2	3
Vert. height mm	6	7	8
Order No.	25364	25365	25366

Direct Driver EV Ø4

Length mm	26
Order No.	25764

4.2 Direct Abutment EV 4.2

Ø mm	5.0	5.0	5.0	6.0	6.0	6.0
Margin height mm	1	2	3	1	2	3
Vert. height mm	6	7	8	6	7	8
Order No.	25367	25368	25369	25494	25495	25496

4.8 Direct Abutment EV 4.8

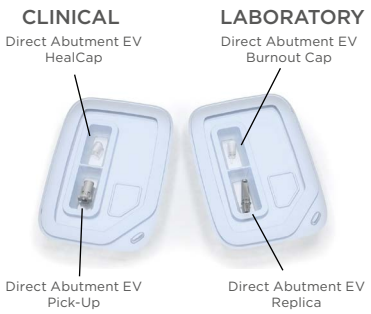
Ø mm	5.0	5.0	5.0	6.0	6.0	6.0
Margin height mm	1	2	3	1	2	3
Vert. height mm	6	7	8	6	7	8
Order No.	25370	25371	25372	25497	25498	25499

Direct EV API™

Ø mm	4	5	6
Order No.	25347	25348	25349

Direct EV API™

Non-sterile



Contains all corresponding components for working with the Direct Abutment EV

- Two compartments for clinical and laboratory components respectively
- Direct Abutment EV must be ordered separately

Direct Abutment™ EV HealCap

Ø mm	4	5	6
Order No.	25311	25312	25313

Direct Abutment™ EV HealCap

PC plastic[13], non-sterile

- Temporary use; maximum 30 days

Direct Abutment™ EV Pick-Up

Ø mm	4	5	6
Order No.	25397	25398	25399

Direct Abutment™ EV Pick-Up

PP plastic[14], non-sterile

- DA EV Pick-Up Ø4 – white
- DA EV Pick-Up Ø5 – grey
- DA EV Pick-Up Ø6 – transparent

Direct Abutment™ EV Replica

Ø mm	4	5	6
Order No.	25402	25403	25404

Direct Abutment™ EV Replica

Titanium[2], non-sterile

- Single use

Direct Abutment™ EV Burnout Cap

Ø mm	4	5	6
Order No.	25407	25408	25409

Direct Abutment™ EV Burnout Cap

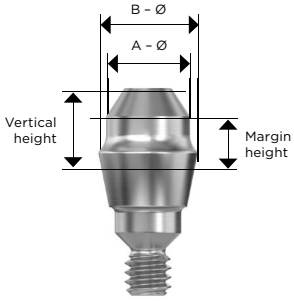
PMMA plastic[15], non-sterile

Screw-retained restorations – abutment-level

Uni Abutment EV

Titanium[2], 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
- Uni Driver EV required for carrying, installation and removal



3.6 Uni Abutment EV 3.6

A/B – Ø mm	3.6	3.6	3.6	3.6
Height mm	1	2	3	5
Vertical height mm	2.2	3.2	4.2	6.2
Order No.	25558	25559	25560	25561

4.2 Uni Abutment EV 4.2

A/B – Ø mm	3.6	3.6	3.6	3.6
Height mm	1	2	3	5
Vertical height mm	2.2	3.2	4.2	6.2
Order No.	25562	25563	25564	25565

4.8 Uni Abutment EV 4.8

A – Ø mm	3.6	3.6	3.6	3.6
B – Ø mm	4.3	4.3	4.3	4.3
Height mm	1	2	3	5
Vertical height mm	2.2	3.2	4.2	6.2
Order No.	25566	25567	25568	25569

Uni Driver EV

Stainless steel[3], non-sterile

- For placing and removing Uni Abutment EV
- Use with restorative driver handle and Torque Wrench EV, page 51
- Uni Driver EV has a hexagon on the shaft, needed to meet the removal torques. For removal of Uni Abutment EV, used together with surgical driver handle, page 51

Uni Driver EV

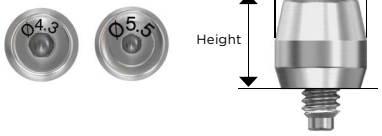
Length mm	21.5
Order No.	25708

Uni Abutment EV	Heal Cap Short	Heal Cap	Heal Cap Short	Heal Cap
				
Ø mm	4.3	4.3	5.5	5.5
Vert. height mm	3.4	4.4	3.4	4.4
Order No.	25952	25616	25953	25617

Uni Abutment EV Heal Cap

Titanium[2], sterile, one-piece

- Marked with diameter

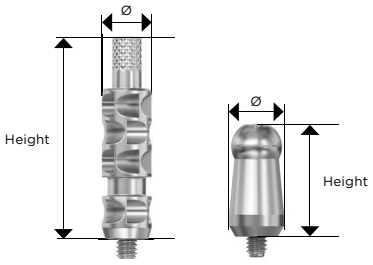


Uni Abutment EV	Pick-Up Short	Pick-Up	Pick-Up Short	Pick-Up	Transfer
	open tray technique				closed tray technique
					
Ø mm	4.3	4.3	5.5	5.5	4.7
Vert. height mm	14.7	17.6	14.7	17.6	9.7
Order No.	26245	26247	26246	26248	26249

Uni Abutment EV Pick-Up and Transfer

Stainless steel[3], non-sterile

- Design for splinting possibilities
- Designed with a hex for tightening



Uni Abutment EV	Replica	Temporary Cylinder	Semi-Burnout Cylinder	Burnout Cylinder
				
Ø mm	3.6	4.4	4.4	4.2
Order No.	25615	26250	25647	25649

Uni Abutment EV Replica

Stainless steel[3], non-sterile

- Single use

Temporary Cylinder

Titanium[2], non-sterile

Semi-Burnout Cylinder

Metal Base: Gold-Platinium alloy[7]

Cylinder: PMMA plastic[15], non-sterile

Burnout Cylinder

PMMA plastic[15], non-sterile

Note: Bridge screws needs to be ordered separately.

	Bridge Screw EV	Lab Bridge Screw EV
		
	M1.8	M1.8
Screw head height mm	1.6	1.6
Screw head Ø mm	2.35	2.35
Order No.	25481	25656

Lab Abutment Pin EV	Short	Inter-mediate	Long
			
Length mm	14	18	22
Order No.	25643	25644	25645

Bridge Screw EV

Titanium[2], non-sterile

- M1.8, anodized (light blue)

Lab Bridge Screw EV

Titanium[2], non-sterile

QTY 3

Lab Abutment Pin EV

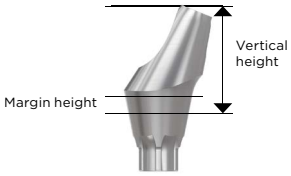
Stainless steel[3], non-sterile

- For maintenance of screw access channel
- Fits the Uni Abutment EV Replica

Angled Abutment EV

Titanium[2], sterile,
delivered with an abutment screw

- Supporting multiple unit restorations only
- Same top cone for all platforms
- Indexed abutments will seat in six available positions.
- Index-free abutments will be seated in any rotational position.



Note: A corresponding abutment screw is included with every Angled Abutment EV. To order additional screws, refer to Abutment Screw EV section (p.26).

3.6 Angled Abutment EV 3.6, 20°

Margin height mm	1	2	1	2
Vertical height mm	6	7	6	7
Order No.	25619	25620	25621	25622

4.2 Angled Abutment EV 4.2, 20°

Margin height mm	1	2	1	2
Vertical height mm	6	7	6	7
Order No.	25625	25626	25627	25628

4.8 Angled Abutment EV 4.8, 20°

Margin height mm	1	2	1	2
Vertical height mm	6	7	6	7
Order No.	25631	25632	25633	25634

Angled Abutment EV HealCap

Titanium[2], sterile, two-piece

Angled Abutment EV Pick-Up

Stainless steel[3], non-sterile

Angled Abutment EV Replica

Stainless steel[3], non-sterile

- Single use

Angled Abutment EV	Heal Cap	Pick-Up open tray technique	Replica
			
Vertical height mm	9	12	17
Order No.	25650	26244	25652

Temporary Cylinder

Titanium[2], non-sterile

Semi-Burnout Cylinder

Metal Base: Gold-Platinium alloy[7]
Cylinder: PMMA plastic[15], non-sterile

Burnout Cylinder

PMMA plastic[15], non-sterile

Note: Bridge screws needs to be ordered separately.

Angled Abutment EV	Temporary Cylinder	Semi-Burnout Cylinder	Burnout Cylinder
			
Order No.	25654	25653	25655

3.6 Multibase Abutment EV

A – height mm	1.5	2.5	3.5
Order No.	26159	26160	26161

3.6 Multibase Abutment EV 17°

A – height mm	1.5	2.5	1.5	2.5
B – height mm	3	4	3	4
Order No.	26162	26163	26166	26167

3.6 Multibase Abutment EV 30°

A – height mm	1.5	2.5	1.5	2.5
B – height mm	4	5	4	5
Order No.	26164	26165	26168	26169

4.2 Multibase Abutment EV

A – height mm	1.5	2.5	3.5
Order No.	26170	26171	26172

4.2 Multibase Abutment EV 17°

A – height mm	1.5	2.5	1.5	2.5
B – height mm	3	4	3	4
Order No.	26173	26174	26177	26178

4.2 Multibase Abutment EV 30°

A – height mm	1.5	2.5	1.5	2.5
B – height mm	4	5	4	5
Order No.	26175	26176	26179	26180

Multibase Abutment EV, straight and angled

Titanium[2], PEEK[9], sterile

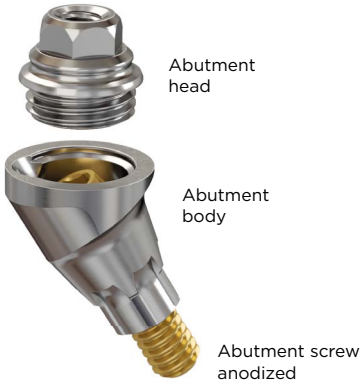
- Supporting multiple unit, screw-retained restorations only
- Top cone (21°) enables bridge insertion on non-parallel abutments up to 42°
- Same prosthetic interface and components for all abutments
- Delivered with a plastic holder pre-mounted to the abutment for easy installation

Multibase Abutment EV, straight

- One-piece abutment
- Index-free abutments can be seated in any rotational position
- Holder straight has 8 identification grooves
- Multibase Driver EV required for installation and removal

Multibase Abutment EV, 17°/30°

- Consists of three parts; abutment body and a separate head part, delivered with a pre-assembled abutment screw
- Indexed abutments can be seated in six available positions. Not compatible with OsseoSpeed Profile EV
- Index-free abutments can be seated in any rotational position
- The abutment head part is pre-mounted on the holder
- Holder 17° has 4 identification grooves
- Holder 30° has 6 identification grooves
- Hex Driver EV required for installing the abutment screw and Multibase Driver EV for tightening the abutment head to the abutment body



4.8 Multibase Abutment EV

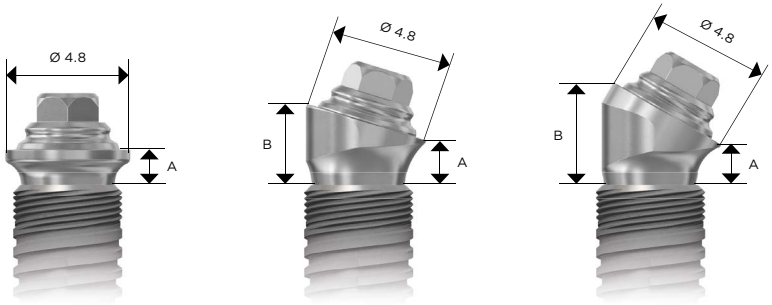
A – height mm	1.5	2.5	3.5
Order No.	26181	26182	26183

4.8 Multibase Abutment EV 17°

A – height mm	1.5	2.5	1.5	2.5
B – height mm	3	4	3	4
Order No.	26184	26185	26188	26189

4.8 Multibase Abutment EV 30°

A – height mm	1.5	2.5	1.5	2.5
B – height mm	4	5	4	5
Order No.	26186	26187	26190	26191



Multibase Driver EV

Stainless steel[3], non-sterile

- Used for installation and removal of the Multibase EV Abutment
- The Surgical Driver Handle could be useful when removing the abutment to support the torque transferring

Multibase Driver EV

Total length mm	19
Order No.	26204

Spare parts

Multibase EV Abutment Head with holder

Titanium[2], PEEK[3], sterile

- The head part is pre-mounted on the holder
- Multibase Abutment EV 17° and 30° use the same spare part

Multibase EV Abutment Head with holder

Order No.	26192

Applicable restorative components are marked with a groove or laser marking to differentiate from other similar components of the Astra Tech Implant System EV

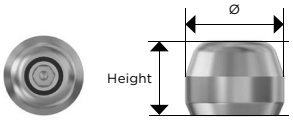
Multibase EV Heal Cap

Ø mm	5.4
Vert. height mm	4
Order No.	26193

Multibase EV Heal Cap

Titanium[2], sterile, one-piece

- Marked with diameter and a laser ring for identification



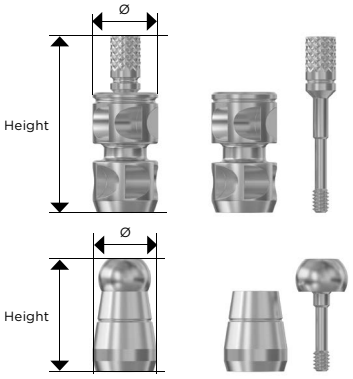
Multibase EV

	Pick-up open tray technique	Transfer closed tray technique
		
Ø mm	5.5	5.5
Vert. height mm	15	9.5
Order No.	26195	26194

Multibase EV Pick-up and Transfer

Stainless steel[3], non-sterile

- Pick-up two-piece, with a pronounced groove for splinting possibility
- Transfer two-piece
- Marked with a groove for identification



Polymerization Sleeve

Order No.	31021405 / 31021890*

Polymerization Sleeve

Silicone[11], non-sterile

- Single use
- The polymerization sleeve protects the soft tissue from acrylic resin

Multibase EV

	Replica	Temporary Cylinder	Burnout Cylinder
			
Ø mm	–	5.0	4.8
Vertical height mm	–	12	10
Order No.	26201	26202	26203

Multibase EV Replica

Stainless steel[3], non-sterile

- Single use
- Marked with a groove for identification

Multibase EV Temporary Cylinder

Titanium[2], non-sterile

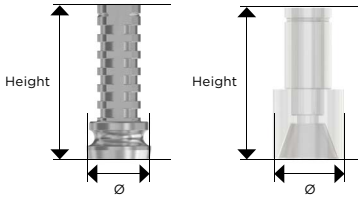
- Marked with a groove for identification

Multibase EV Burnout Cylinder

PMMA plastic[15], non-sterile

- Marked with a groove for identification

Note: Bridge screws need to be ordered separately.



* For US/CA markets

Multibase EV Bridge Screw Hex

Titanium[2], non-sterile

- Marked with a groove for identification
- M1.4, anodized (light blue)

Multibase EV Lab Bridge Screw

Titanium[2], non-sterile

- Marked with a groove for identification

QTY 4

	Multibase EV Bridge Screw	Multibase EV Lab Bridge Screw
		
	M1.4	M1.4
Screw head height mm	1.65	1.65
Screw head Ø mm	2.1	2.1
Order No.	26196	26200

Multibase EV Lab Abutment Pin

Stainless steel[3], non-sterile

- Marked with a groove for identification

Multibase EV Lab Abutment Pin



Length mm	14	18	22
Order No.	26197	26198	26199

SmartFix® Guide

Stainless steel[3], non-sterile

- Three-piece
- Used for guiding the drilling with correct angulation

SmartFix® Guide

Order No.	26205

Attachment-retained restorations – abutment level

3.6 Locator Abutment EV 3.6

A – Ø mm	3.85	3.85	3.85	3.85	3.85
B – Ø mm	3.7	3.7	3.7	3.7	3.7
Height mm	1	2	3	4	5
Order No.	25657	25658	25659	25660	25661

4.2 Locator Abutment EV 4.2

A – Ø mm	3.85	3.85	3.85	3.85	3.85
B – Ø mm	3.7	3.7	3.7	3.7	3.7
Height mm	1	2	3	4	5
Order No.	25662	25663	25664	25665	25666

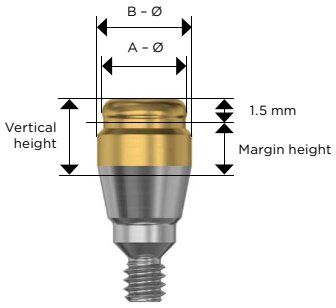
4.8 Locator Abutment EV 4.8

A – Ø mm	3.85	3.85	3.85	3.85	3.85
B – Ø mm	4.3	4.3	4.3	4.3	4.3
Height mm	1	2	3	4	5
Order No.	25667	25668	25669	25670	25671

Locator™ Abutment EV

Titanium[2], TiN-coated[4], non-sterile

- Locator Core Tool required
- Index-free abutments will be seated in any rotational position.



Locator™	Abutment Pick-up Closed tray technique	Abutment Replica	Driver	Core Tool
				
Total length mm			23	
Order No.	24484	24485	25766	24482

Locator™ Core Tool

Stainless steel[3], non-sterile

Includes plastic holder/sleeve for manual placement of the abutment.

Locator™ Abutment Pick-up

Aluminum[6], non-sterile

QTY 4

Locator™ Abutment Replica

Aluminum[6], non-sterile

- Single use

QTY 4

Locator™ Process Kit
QTY 2 sets

Locator™ Process Kit

Order No.	24483

Locator™ Insert – Male
Nylon®, non-sterile

The clear, pink and blue insert retention parts allow for a divergence of up to 10° for a single implant and 20° between implants.

QTY 4

Locator™ Insert Male	Blue	Pink	Clear
			
Grams	680	1361	2268
Retention force, kg	0.7	1.4	2.3
Order No.	24488	24487	24486

Locator™ Insert – Extended Range Male
Nylon®, non-sterile

The grey, red, orange and green inserts permit a divergence of 10–20° for a single implant and up to 40° between implants.

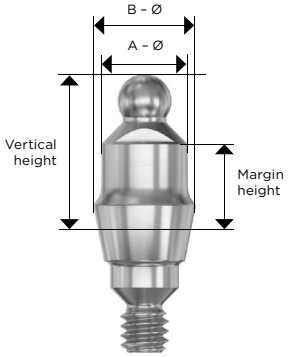
The grey insert is used temporary during long-term treatment for protecting the abutments.

QTY 4

Locator™ Insert Extended Range Male	Grey	Red	Orange	Green
				
Grams	0	226-680	907	1361-1814
Retention force, kg	0	0.5	0.9	1.8
Order No.	25679	24492	25843	24489

Ball Abutment EV
Titanium², sterile

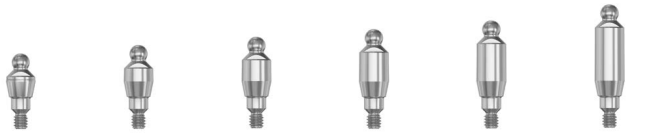
- Diameter of the ball is 2.25 mm
- Index-free abutments will be seated in any rotational position.



3.6 Ball Abutment EV 3.6

A/B Ø mm	3.6	3.6	3.6	3.6	3.6	3.6
Height mm	1	2	3	4	5	7
Vert. height mm	3.9	4.9	5.9	6.9	7.9	9.9
Order No.	25684	25685	25686	25687	25688	25689

4.2 Ball Abutment EV 4.2



A/B Ø mm	3.6	3.6	3.6	3.6	3.6	3.6
Height mm	1	2	3	4	5	7
Vert. height mm	3.9	4.9	5.9	6.9	7.9	9.9
Order No.	25690	25691	25692	25693	25694	25695

4.8 Ball Abutment EV 4.8

A Ø mm	3.6	3.6	3.6	3.6	3.6	3.6
B Ø mm	4.3	4.3	4.3	4.3	4.3	4.3
Height mm	1	2	3	4	5	7
Vert. height mm	3.9	4.9	5.9	6.9	7.9	9.9
Order No.	25696	25697	25698	25699	25700	25701

Ball Abutment EV Replica

Order No.	25826

Ball Abutment Driver EV

Total length	22.7
Order No.	25768

Ball Abutment EV Replica

Stainless steel[3], non-sterile

- Single use

Ball Abutment Driver EV

Stainless steel[3], non-sterile

Ball Abutment Driver EV required for installation and removal.

Dalbo Plus

Female Part TE Basic, complete

Lamellae retention Insert E

Duplicating Aid

Screwdriver/ Activator

Order No.	25834	25844	25827	25835

Dalbo Plus Female Part Basic includes:

- **Dalbo Plus attachment**
  Titanium[2], non-sterile
- **Lamellae retention Insert E**
  Gold alloy[8], non-sterile
- **Dalbo Plus Duplicating Aid**
  Plastic[13], non-sterile
- **Dalbo Plus Screwdriver/Activator**
  Stainless steel[3], non-sterile

Used with Ball Abutment for ball solutions.

OD Cylinder EV

Order No.	25638

OD Cylinder EV

Gold alloy[8], non-sterile

Used with Uni Abutment EV for bar solution

- Compatible with most bar system on the market

Trays

PrimeTaper Surgical Tray

PPSU plastic[7], silicone[8] holders

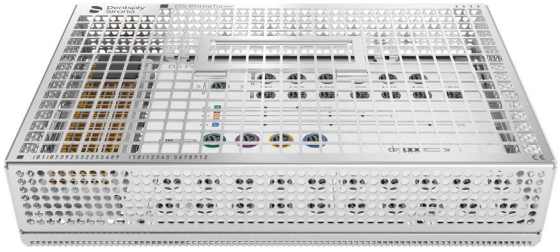
- Accommodates instruments and components for the complete range of implant lengths and diameters for DS PrimeTaper
- Color-coded and intuitive layout

	Length	Width	Height
Size mm	138	190	61.5
Order No.	68015321		

PrimeTaper Washtray

Stainless steel[3], PEEK[6], silicon[8], aluminum alloy[5]

- Hosts all drills and instruments needed for surgery with DS PrimeTaper
- Accommodates instruments holders, removable overlay and guide



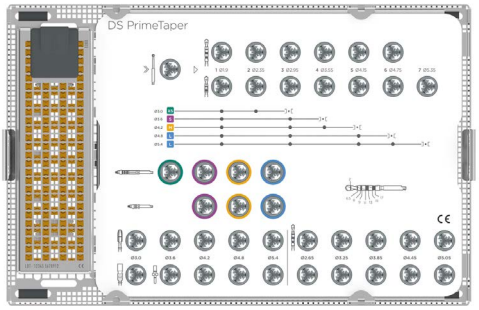
	Length	Width	Height
Size mm	276	176	59
Order No.	68015323		

PrimeTaper Washtray Overlay

Aluminum alloy[5]

- Used together with the PrimeTaper Washtray

Note: The overlay must be separated from the washtray before cleaning, and re-assembled prior to sterilization. For further information, please refer to the Cleaning and sterilization instruction manual.



Order No.	68015353

Surgical instruments

	Guide Drill	Precision Drill
		
Ø mm	n/a	n/a
Order No.	68015133	68015134

Initial drills

Stainless steel[3], sterile

- Multiple use with option for single use except for the Precision Drill, which is for single use only
- Used to mark a starting point

Note: The Precision Drill is an extremely sharp drill for single use only. Once out of its package it should never be handled manually or placed on the tray.

Drills

Short

Ø mm	1.9	2.35	2.95	3.55	4.15	4.75	5.35
Order No.	68015324	68015325	68015326	68015327	68015328	68015329	68015330

Long

Ø mm	1.9	2.35	2.95	3.55	4.15	4.75
Order No.	68015331	68015332	68015333	68015334	68015335	68015336

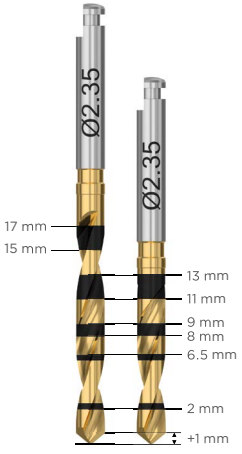
PrimeTaper Drill

Stainless steel[3], TiN-coated[4], sterile

- Laser-etched depth indication lines
- Multiple use with option for single use
- Marked with the respective diameters
- Marked with numbers 1-7

Drilling depth

- The drilling depth is measured from the widest part of the drill tip up to the indication line
- Additional tip depth is maximum 1.0 mm regardless of the diameter of the drill



Screw taps

PrimeTaper Tap

Stainless steel[3], sterile

- Depth marked 6.5 mm
- Multiple use with option for single use
- Marked with the respective diameters

PrimeTaper Tap

Ø mm	3.6	4.2	4.8	5.4
Order No.	68015348	68015349	68015350	68015351

Intermediate drills

PrimeTaper Drill

Stainless steel[3], TiN-coated[4], sterile

- Intermediate twist drills for fine-tuning the diameter of the osteotomy
- Laser-etched depth indication lines
- Multiple use with option for single use
- Marked with the respective diameters

Short

Ø mm	2.65	3.25	3.85	4.45	5.05
Order No.	68015337	68015338	68015339	68015340	68015341

Long

Ø mm	2.65	3.25	3.85	4.45	5.05
Order No.	68015342	68015343	68015344	68015345	68015346

Other surgical instruments

Short

	S	M	L
Total length mm	22.9	23.0	23.1
Order No.	68015188	68015190	68015192

Long

	S	M	L
Total length mm	33.0	33.2	33.3
Order No.	68015189	68015191	68015193

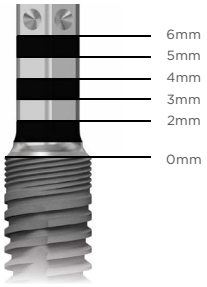
Implant Driver EV

Stainless steel[3], PEEK[6], non-sterile

- For picking up and installing implants
- Color-coded
- Marked with depth indications and connection size
- Dots to facilitate correct positioning

Note: For use with the contra angle or the Torque Wrench EV Surgical Driver Handle.

The reference point (“0”) of the depth markings is the intended bone level, i.e., the lowest point of the bevel.



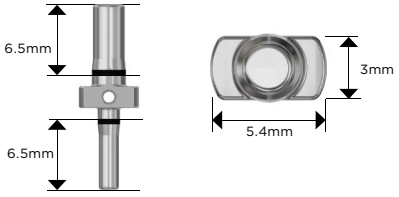
PrimeTaper Direction Indicator

Order No.	68015352

PrimeTaper Direction Indicator

Titanium[2], non-sterile

- Used after drill (1) and drill (3)



Instrument Extender

Implant Depth Gauge

Order No.	68015197	25710

Instrument Extender

Stainless steel[3], non-sterile

- Used for extending the length of a drill or the Implant Driver EV

Implant Depth Gauge

Titanium[2], non-sterile

- One end corresponds to the implant lengths
- One end is a measuring probe with 0–15 mm markings

Note: The 6.5 mm marking is not indicated on the shaft.
See page 17 for details.

Torque Wrench EV

Stainless steel[3], non-sterile

- Used together with the surgical driver handle

Torque Wrench EV Surgical Driver Handle

Stainless steel[3], non-sterile

- Used together with the torque wrench

Torque Wrench EV

Torque Wrench EV Surgical Driver Handle

Order No.	25774	25775

Hex Driver EV Machine

Stainless steel[3], non-sterile

- Used together with a contra angle or the surgical driver handle

Hex Driver EV Machine



Total length mm	20	24	35
Order No.	25790	25727	25728

Hex Driver EV Manual

Stainless steel[3], non-sterile

Hex Driver EV Manual


Total length mm	20	31
Order No.	25771	25772

Mucosal Punch

Stainless steel[3], ABS plastic[9], sterile, single-use

QTY 5

Mucosal Punch

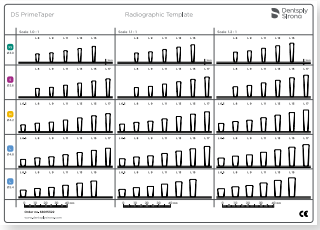
Ø mm	3.5	4	4.5	5	5.5	6.5
Order No.	25711	25712	25713	25714	25715	25731

PrimeTaper Radiographic Template

PC Plastic[10], non-sterile

- Planning tool prior to implant surgery
- Used together with the X-ray of the patient's jaw
- Magnification range is from 1.0 to 1.5 presented in two separate sheets

PrimeTaper Radiographic Template



Order No.	68015322

Prosthetic instruments

Hex Driver EV Manual

Total length mm	20	31
Order No.	25771	25772

Hex Driver EV Manual

Stainless steel[3], non-sterile

Hex Driver EV Machine

Total length mm	20	24	35
Order No.	25790	25727	25728

Hex Driver EV Machine

Stainless steel[3], non-sterile

- Used together with a contra angle, the surgical driver handle or the restorative driver handle

Atlantis® Angulated Screw Access Screwdriver

Total length mm	18	24	32
Order No.	36030	36031	36032

Atlantis® Angulated Screw Access Screwdriver

Stainless steel[3], non-sterile

- Must be used in combination with Atlantis implant suprastructures that have been designed and manufactured with Angulated Screw Access on 1 or more connections
- Every connection with angulated screw access is supplied with a corresponding Atlantis prosthetic screw
- Angulated screw access allows the prosthetic screw access channel to be angled up to 30 degrees off the implant/abutment axis, for optimal esthetics and function

Multibase Driver EV

Stainless steel[3], non-sterile

- Used for installation and removal of the Multibase EV Abutment
- The Surgical Driver Handle could be useful when removing the abutment to support the torque transferring

Multibase Driver EV

Total length mm	19
Order No.	26204

Direct Driver EV

Stainless steel[3], non-sterile

Required for carrying and installation of Direct Abutment EV Ø4

Uni Driver EV

Stainless steel[3], non-sterile

- For installation and removal of Uni Abutment EV

Locator™ Driver EV

Stainless steel[3], non-sterile

For placement and removal of Locator abutments

	Direct Driver EV Ø4	Uni Driver EV	Locator™ Driver EV
			
Total length mm	26	21.5	23
Order No.	25764	25708	25766

	Ball Abutment Driver EV	Dalbo Plus Screwdriver/ Activator	Locator™ Core Tool
			
Total length mm	22.7		
Order No.	25768	25835	24482

Ball Abutment Driver EV

Stainless steel[3], non-sterile

For placement and removal of Ball Abutment EV

Direct, Uni, Locator and Ball Abutment drivers fit Torque Wrench EV driver handles.

Dalbo Plus Screwdriver/Activator

Stainless steel[3], non-sterile

Locator™ Core Tool

Stainless steel[3], non-sterile

Includes plastic holder/sleeve for manual placement of the abutment

Abutment Depth Gauge EV

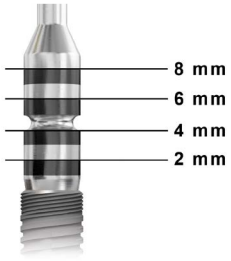
Order No.	25792

Order No.	25793

Abutment Depth Gauge EV

Titanium[2], non-sterile

- Laser etched bands for measuring mucosal height over the implant in millimeters.
- Waist at 4–5 mm indication for better visual orientation.



Torque Wrench EV

Order No.	25774

Torque Wrench EV

Stainless steel[3], non-sterile

Use together with a restorative driver handle for tightening of abutment and/or bridge screw.

	Torque Wrench EV Restorative Driver Handle	Low	4x4 Low
			
Order No.	25776	25777	25730

Torque Wrench EV Restorative Handles

Stainless steel[3], non-sterile

4x4 Low

For compatibility for instruments with a square connection 4 x 4 mm

Laboratory products

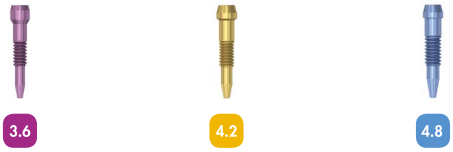
Lab Abutment Screw EV

Titanium[2], anodized, non-sterile

QTY 3

Designed for use with
Implant Replica EV only

Lab Abutment Screw EV



Order No.	25477	25478	25479

Lab Pin Design EV

Stainless steel[3], non-sterile

- For maintenance of screw access channel during the laboratory procedure
- Friction fit to the Lab Abutment Screw EV screw hole

Lab Pin Design EV

Ø mm	3.6	4.2/4.8
Height mm	25	25
Order No.	25528	25530

Lab Abutment Pin EV

Stainless steel[3], non-sterile

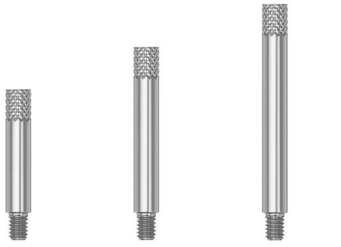
- For maintenance of screw access channel
- Fits the UniAbutment EV Replica

Lab Bridge Screw EV

Titanium[2], non-sterile

QTY 3

Lab Abutment Pin EV



	Short	Inter-mediate	Long
Length mm	14	18	22
Order No.	25643	25644	25645

Lab Bridge Screw EV

Screw head height mm	1.6
Screw head Ø mm	2.35
Order No.	25656

Polishing Protector Uni EV

Stainless steel[3], non-sterile

QTY 3

Grinding Handle

Order No.	22740

Polishing Protector Uni EV

Order No.	25778

Material specifications

Index ˣ will be found at material description for specific products.

Metals

Type	Index	Composition/Designation	Standard
Titanium	1	Titanium – Grade 4	ASTM F67
Titanium alloy	2	Ti6Al4V Grade 5	ASTM F136
Stainless steel	3	Surgical stainless steel	ASTM F899
TiN-coated	4	Titanium Nitride	
Aluminum alloy	5	AlMg1	
Aluminum	6	6061 T6	
Gold-Platinum alloy	7	Au 60%, Pd 20%, Pt 19%, Ir 1%	
Gold alloy	8	Au 68.6%, Ag 11.85%, Cu 10.6%, Pd 3.95%, Zn 2.5%, Pt 2.45%, Ir 0.05%TS - TL 880–940°C	

Plastic

Type	Index	Composition/Designation	Standard
PEEK	9	Polyetereterketon	
PPSU plastic	10	Polyphenylsulfone	
Silicone	11	Polysiloxanes	
ABS plastic	12	Acrylonitrile butadiene styrene	
PC plastic	13	Polycarbonate	
PP plastic	14	Polypropylene	
PMMA plastic	15	Polymetylmetakrylat, burnout plastic	ISO 8257 MN, 100-060
Nylon	16	Polyamid	

Index

By order number

Alphabetical order

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