Astra Tech Implant System®

Excerpts from

Product catalog 2020
Astra Tech Implant System® EV

- Uni Abutment EV
- Repair instruments

Dentsply Sirona
Implants

Screw-retained restorations – abutment-level

3.0 **Uni Abutment EV 3.0**

A/B – Ø mm	3.6	3.6	3.6
Height mm	2	3	5
Vertical height mm	3.2	4.2	6.2
Order No.	25555	25556	25557

Uni Driver EV

Length mm	21.5
Order No.	25708

Uni Driver EV

Stainless steel (6), non-sterile

- For placing and removing Uni Abutment EV
- Use with restorative driver handle and Torque Wrench EV, page 49
- 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 49
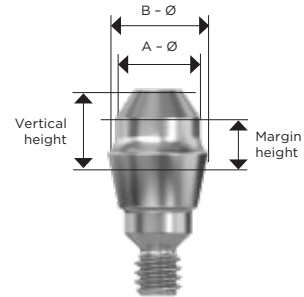
Uni Abutment EV

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*

5.4 **Uni Abutment EV 5.4**

A – Ø mm	3.6	3.6	3.6	3.6
B – Ø mm	4.8	4.8	4.8	4.8
Height mm	1	2	3	5
Vertical height mm	2.2	3.2	4.2	6.2
Order No.	25570	25571	25572	25573

*Compatible with Astra Tech Implant EV Profile

Uni Abutment EV Heal Cap
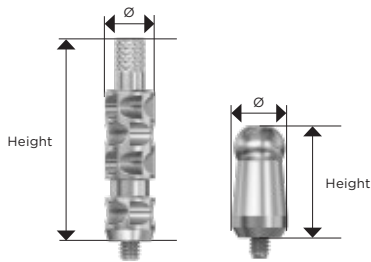
Titanium (2), sterile, one-piece

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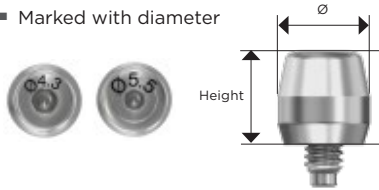
Uni Abutment EV	Heal Cap Short	Heal Cap	Heal Cap Short	Heal Cap
Ø mm	4.3	4.3	5.5	5.5
Vert. height mm	3.4	4.4	3.4	4.4
Order No.	25952	25616	25953	25617

Uni Abutment EV Pick-Up and Transfer

Stainless steel (6), non-sterile

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

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 Replica

Stainless steel (6), non-sterile

- **Single use**

Temporary Cylinder Titanium (2), non-sterile

Semi-Burnout Cylinder
Metal Base: Gold-Platinium alloy (3)
Cylinder: PMMA burnout plastic (11), non-sterile

Burnout Cylinder
PMMA burnout plastic (11), non-sterile

Note: Bridge screws needs to be ordered separately.

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

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
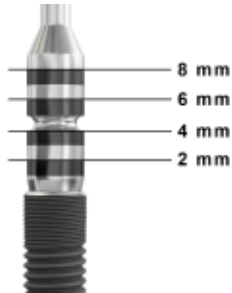Stainless steel (6), non-sterile

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

	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

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.

Abutment Depth Gauge EV

	3.0	3.6
Order No.		25792

	4.2	4.8
Order No.		25793

	5.4	
Order No.		25726

- 8 mm
- 6 mm
- 4 mm
- 2 mm

Torque Wrench EV
Stainless steel (6), non-sterile

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

Torque Wrench EV

Order No.	25774

Torque Wrench EV Restorative Handles
Stainless steel (6), non-sterile

4x4 Low
For compatibility for instruments with a square connection 4 x 4 mm

Torque Wrench EV Restorative Driver Handle   **Low**   **4x4 Low**

Order No.	25776	25777	25730

Repair procedures

The Astra Tech Implant System EV proved a selection of unique products for safe and easy handling when meeting specific failures and other errors in the clinical situation. For different reasons abutments, implants or screws occasionally need to be removed and/or replaced.

The specific repair and retrieval products are used together with the ordinary instruments within Astra Tech Implant System EV.

Compatibility table
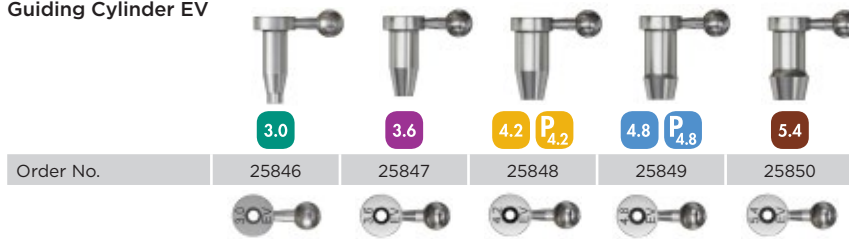
Identify the implant/abutment size for the implant.

Select the corresponding instruments;
see the order number in the table below.

Astra Tech Implant System® EV

	Astra Tech Implant EV					Astra Tech Implant EV Profile		Uni Abutment EV
	3.0	3.6	4.2	4.8	5.4	P4.2	P4.8	
Fragment Fork	25856	25856	25857	25857	25857	25857	25857	25857
Fragment Drill	25858	25858	25859	25859	25859	25859	25859	25859
Screw Extractor	25860	25860	25861	25861	25861	25861	25861	N/A
Thread Cleaner	25862	25863	25864	25865	25865	25864	25865	25864
Trephine Drill	25866	25867	25886 25868	25887 25869	25888 25870	25886 25868	25887 25869	N/A
Rescue Driver Uni Abutment EV								25794

Remove/retrieve screw fragments

Guiding Cylinder EV

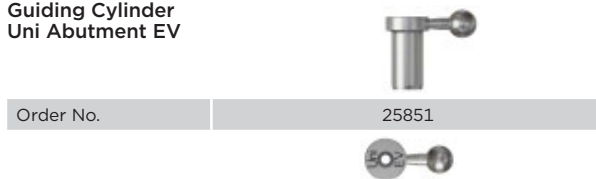| Order No.	3.0	3.6	4.2 P4.2	4.8 P4.8	5.4
	25846	25847	25848	25849	25850

Guiding Cylinder EV

Stainless steel (6), non-sterile, single-use

- Guides the instruments into the center of the fragment
- Protects the internal threads in the implant
- Marked with diameter and EV
- Use together with Guiding Cylinder Handle and Fragment Drill or Fragment Fork

Guiding Cylinder Uni Abutment EV

Order No.	25851

Guiding Cylinder Uni Abutment EV

Stainless steel (6), non-sterile, single-use

- Guides the instruments into the center of the fragment
- Protects the internal threads in the abutment
- Marked with diameter and EV
- Use together with Guiding Cylinder Handle and Fragment Drill or Fragment Fork for Uni Abutment EV

Guiding Cylinder Handle

Order No.	25855

Guiding Cylinder Handle

Stainless steel (6), non-sterile

- Adjustable handle for Guiding Cylinders

Fragment Fork

Tungsten-Carbide (9), non-sterile, single-use

- Used for retrieval of fractured abutment- and bridge screw fragments
- For manual use only
- Rotate the Fragment Fork counter-clockwise
- Marked with thread size
- Use together with Restorative Driver Handle EV

Note: Manual use only.

Fragment Fork

	M1.4/M1.6	M1.8/M2.0
Order No.	25856	25857

Fragment Drill

Shank: Stainless steel (6)
Cutting portion: Tungsten-Carbide (9)
Non-sterile, single-use

- Used for creating an indentation in the abutment- or bridge screw fragment
- Drill counter-clockwise
- Marked with diameter

Fragment Drill

Ø	0.8	1.0
Order No.	25858	25859

Screw Extractor

Stainless steel (6), non-sterile, single-use

- Used for retrieval of abutment screw fragments
- Rotate the screw extractor counter-clockwise
- Marked with diameter
- Use together with Surgical Driver Handle EV

Note: Manual use only.

Screw Extractor

Ø	0.8	1.0
Order No.	25860	25861

Clean internal threads

Thread Cleaner

Stainless steel (6), non-sterile, single-use

- Used for cleaning of threads internally in an implant/abutment
- Marked with thread size
- Use together with Restorative Driver Handle EV

Note: Manual use only.

Thread Cleaner

	M1.4	M1.6	M1.8	M2.0
Order No.	25862	25863	25864	25865

Remove Uni Abutments EV/implants

Rescue Driver Uni Abutment EV

Order No.	25794

Rescue Driver Uni Abutment EV
Stainless steel (6), non-sterile

- Used for retrieval of Uni Abutment EV
- Used together with Surgical Driver Handle EV

Multibase Driver EV

Total length mm	19
Order No.	26204

Multibase Driver EV
Stainless steel (6), 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

Trephine Drill

	3.0*	3.6	4.2 P4.2	4.2 P4.2	4.8 P4.8	4.8 P4.8	5.4	5.4
Length mm	6–17mm	6–17mm	6–13mm	6–17mm	6–13mm	6–17mm	6–13mm	6–17mm
Inner Ø mm	3.2	3.8	4.4	4.4	5.0	5.0	5.6	5.6
Outer Ø mm	4.0	4.6	5.2	5.2	5.8	5.8	6.4	6.4
Order No.	25866	25867	25886	25868	25887	25869	25888	25870

Trephine Drill
Stainless steel (6), non-sterile, single-use

- Used for the retrieval of partly or fully integrated implants.
- Marked with diameter and length.

Abutment Retriever

Order No.	22429

Abutment Retriever
Stainless steel (6), non-sterile

- Use together with a Wrench.

Implant Retriever

Order No.	22192

Implant Retriever
Stainless steel (6), non-sterile

- Use together with a Wrench.

Material specifications

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

Metals

Type	Index	Composition/Designation	Standard
Titanium	1	Commercially pure titanium Grade 1–4	ASTM F67
Titanium alloy	2	Ti6Al4V Grade 5	ASTM F136
Gold-Platinum alloy	3	Au 60%, Pd 20%, Pt 19%, Ir 1%	
Gold alloy	4	Au 68.6%, Ag 11.85%, Cu 10.6%, Pd 3.95%, Zn 2.5%, Pt 2.45%, Ir 0.05% T_s - T_L 880–940°C	
Gold alloy, Valor	5	Pt 89.0%, Au 10.0%, Ir 1.0% T_s - T_L 1660–1710°C	
Stainless steel	6	Surgical stainless steel	ASTM F899
Aluminum	7	6061 T6	
TiN Coating	8	Titanium Nitride	
Tungsten-Carbide	9	Sandvik H 10F	ISO 4499
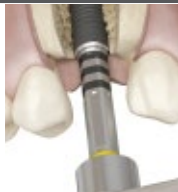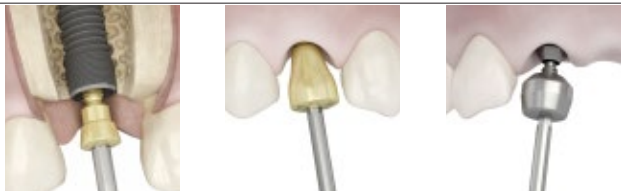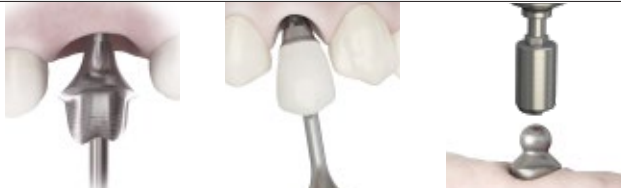
Plastic

Type	Index	Composition/Designation	Standard
PEEK	10	Polyetereterketon	
Burnout plastic, PMMA	11	Polymetylmetakrylat	ISO 8257 MN, 100-060
PC plastic	12	Polycarbonate	
PP plastic	13	Polypropylene	
PPSU plastic	14	Polyphenylsulfone	
Silicone	15	Polysiloxanes	
Nylon	16	Polyamid	
ABS Lustran 348	17	Acrylonitrile butadiene styrene	

Ceramic

Type	Index	Composition/Designation	Standard
Zirconia	18	ZrO_2	

Torque guide – Recommended installation and tightening torque

Type of product installation				Torque – Ncm
■ Implant installations				Maximum 45 Ncm
■ Cover screws ■ Healing components				5–10 Ncm Manual/ light finger force
■ Temporary abutments ■ Temporary restorations on all levels				15 Ncm
■ Final abutments ■ Single tooth restorations on implant level				25 Ncm
■ Final restorations on abutment level				15 Ncm

Explanation of the symbols on labels and instructions for use

Date of manufacture.

Legal manufacturer.

Use by Expired date.

STERILE R Sterilized using irradiation.

Rx Only **Caution:** Federal (USA) law restricts this product to sale by or on a order of a dentist.

NON STERILE The product is not sterile.

Single use Do not re-use, Single use only.

Do not re-sterilize.

GOST is the valid quality certification system in Russian Federation.

CE Products carrying the CE mark fulfill the requirements of the Medical Device Directive.

0123 Identification of Notified Body.

Do not use if package is damaged.

Consult instructions for use ifu.dentsplysirona.com — Consult instructions for use.*

LOT LOT/BATCH number.

REF Article number.

Contains article number (GTIN number), lot number and quantity.

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About Dentsply Sirona Implants

Dentsply Sirona Implants offers comprehensive solutions for all phases of implant therapy, including Ankylos®, Astra Tech Implant System® and Xive® implant lines, digital technologies, such as Atlantis® patient-specific solutions and Simplant® guided surgery, Symbios® regenerative solutions, and professional and business development programs, such as STEPPS™. Dentsply Sirona Implants creates value for dental professionals and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

About Dentsply Sirona

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with a 130-year history of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company™, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dentistry. Dentsply Sirona's global headquarters is located in York, Pennsylvania, and the international headquarters is based in Salzburg, Austria. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.

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