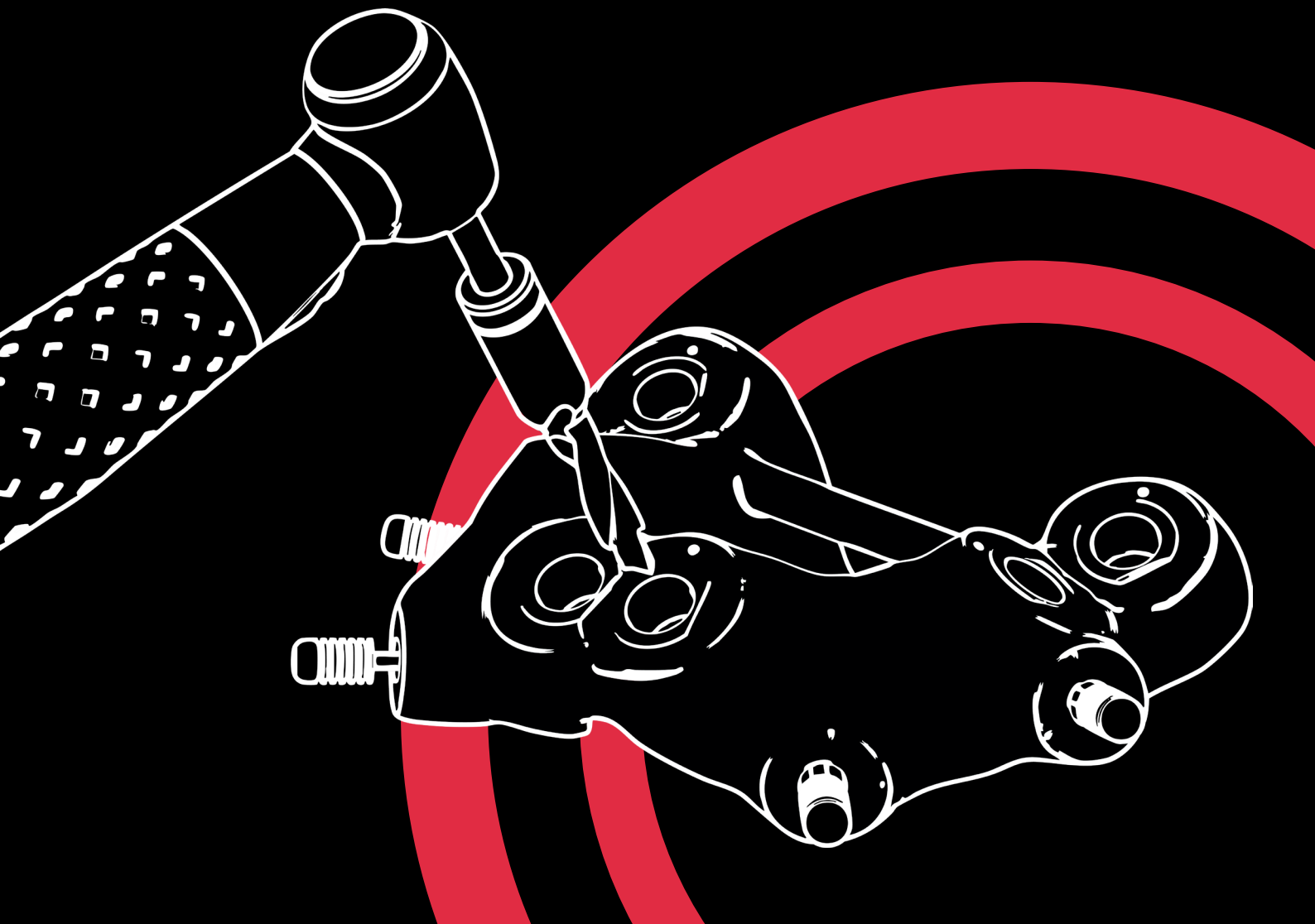
AON

Implants

All or Nothing

Guided Surgery
Stop-less

Guided Freedom



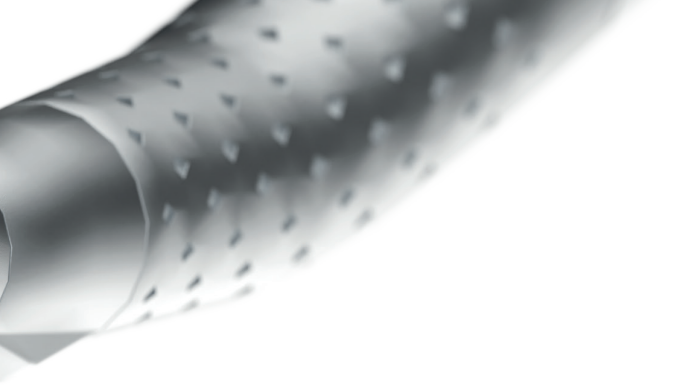
Guided Surgery

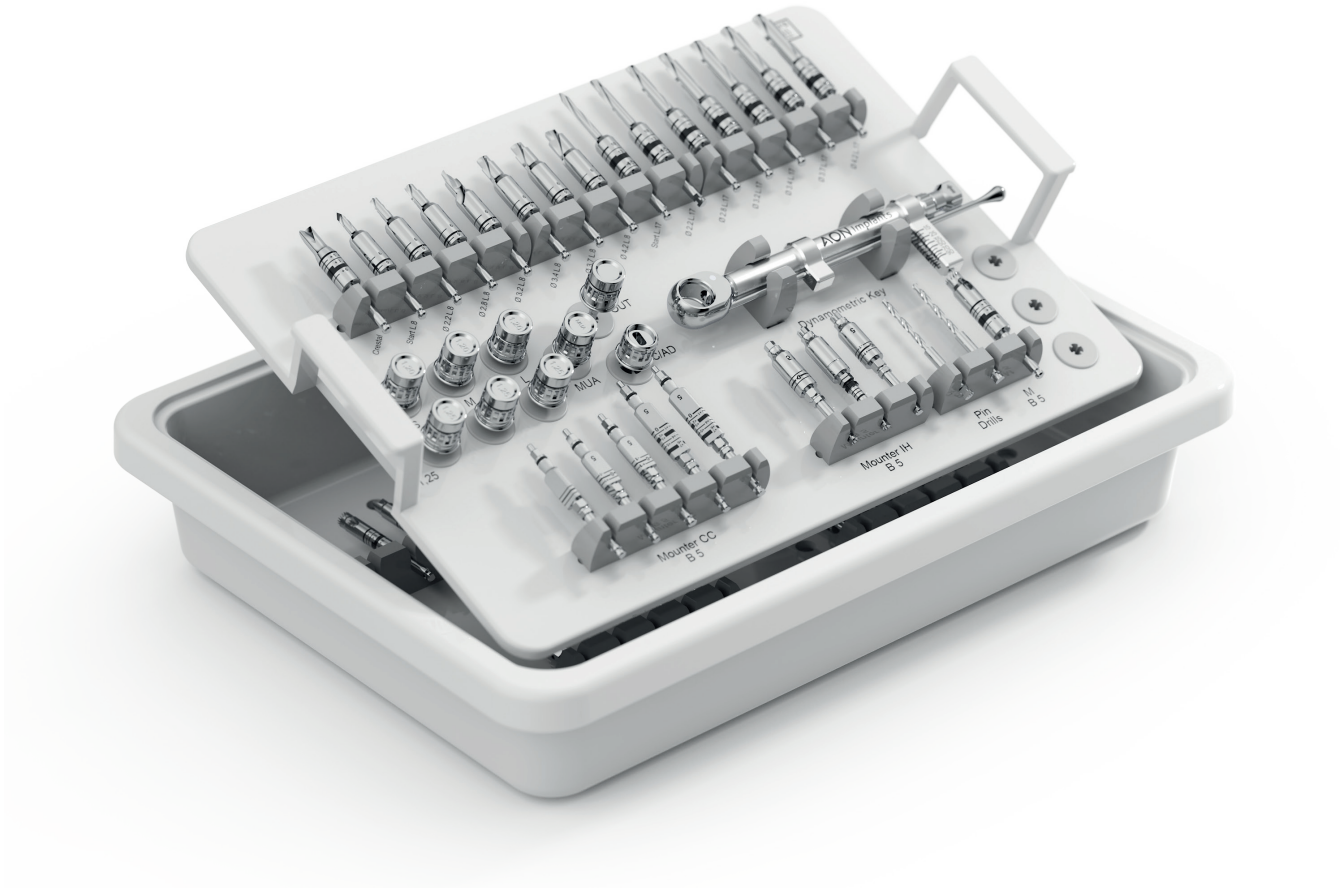


Computer-guided prosthetically driven surgery represents one of the most advanced techniques in implant treatment today, structured in three main stages: diagnosis, planning, and placement.
It offers numerous advantages, including a minimally invasive procedure, high precision in implant placement, maximum predictability of results, reduced post-operative discomfort, and shorter times for final rehabilitation.

AON Implants provides professionals, clinics, and patients with tools that offer real added value.
Through the ability to plan the surgery with complete 3D visualizations of radiographic images and prosthetic anatomy, the clinician can accurately assess the implant's dimensions, position, and final placement site.
All this, in close correlation with the prosthetic study, is made possible by the use of surgical guides that direct implant insertion according to the predefined planning, ensuring a safe and effective workflow.





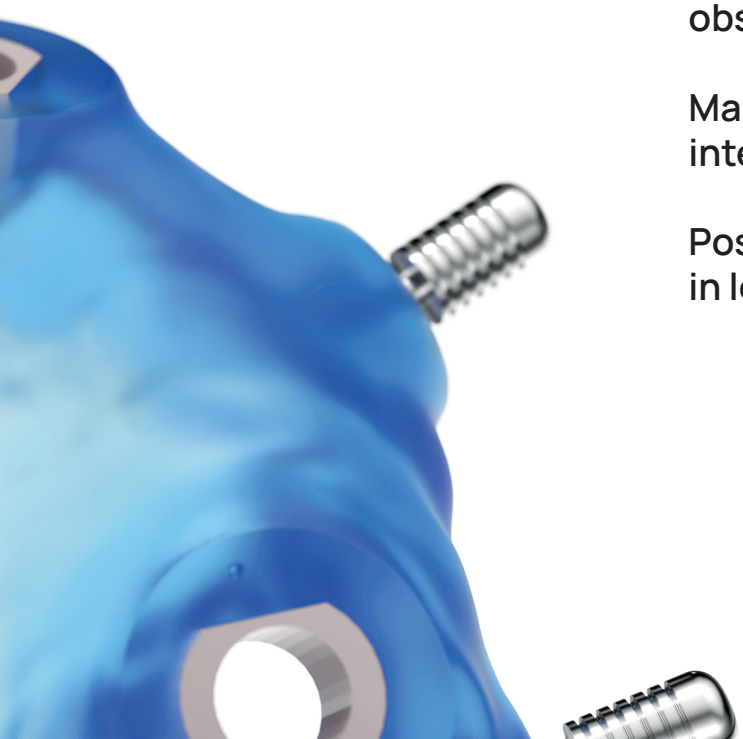


Advantages

Access to sub-crestal positioning without obstacles.

Management of mucosal and dental interferences by modulating the sleeve.

Possibility to guide implants up to 25 mm in length.

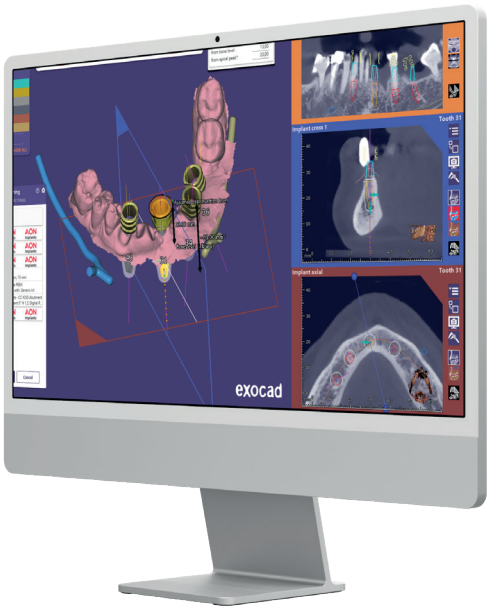


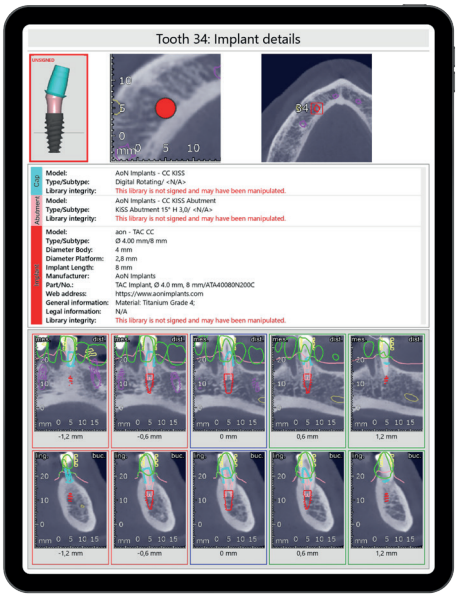
Planning center

An exclusive service designed to support AON Implants clinicians in the planning and execution of guided surgery procedures.

The Planning Center manages the design and production of both standard and tubular surgical guides, integrating with the main implant planning software.

All dedicated prosthetic components for soft-tissue stabilization during the first surgery are available within these digital environments, allowing the realization of a provisional perfectly corresponding to the implant plan defined by the clinician.





From the software-generated report, a drilling protocol is extracted and calibrated according to the modularity of the selected sleeve.
This provides the clinician with a practical, precise, and detailed surgical protocol, guiding the implant to its final position while minimizing stress on the surrounding tissues.

The service includes the design and printing of the surgical guide, ensuring a complete, reliable workflow aimed at clinical success.



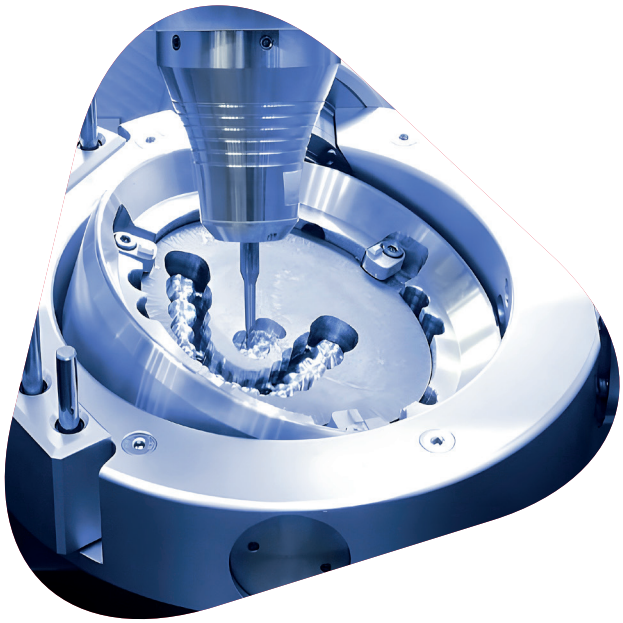


Milling center

Dedicated to AON Implants's clients

We are able to follow your projects through every stage — a reference point for professional dental design and milling.

With our in-house division, equipped with state-of-the-art machinery and specialized technicians, we provide our clients with complete assistance and guaranteed top-quality original products.





Advanced technologies at your service.

Our milling software, advanced milling machines, 3D scanners, and printers allow us to perform every type of processing.

- Design Support
- Prosthetic Development
- Structures
- Complete Restorations
- Direct Assistance

Multi-Material Milling

Our wide range of materials enables laboratories to choose the most suitable ones for their needs. All raw materials used are compliant with dental-sector standards.



Workflow

1



CBCT Acquisition (Dicom file)

Optimal file requirements: FOV ≥10x10 cm.

2



Intraoral or model scan

Acquisition of soft tissues for matching with CBCT.

3



Implant planning

- Software with full libraries: ExoPlan, Smop, 2Ingis Real Guide (3Diemme), Implant 3D, Sicat, Durr (VistaSoft and NewTom).
- Full libraries of all AON fixtures.
- Screw-retained and bi-conometric prosthetic planning.
- Offset management (recommended 10 mm).

4



Remote Assistance

- Support and guidance to achieve the best system performance based on the clinical case.
- Design del provvisorio immediato.

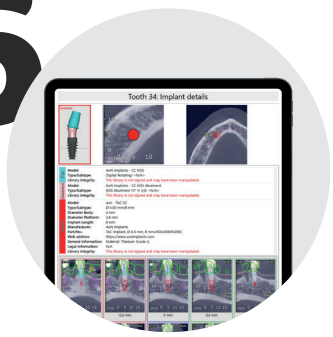
5



Guide Design and Printing

- Use of certified, autoclavable resins.
- Standard or tubular guides for optimal management of patient and tissue conditions.
- Passivity test on models.

6



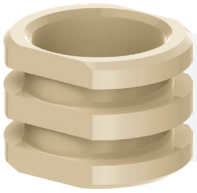
Surgical Protocol Report

- Detailed documentation of pre-operative and operative protocols.
- Identification of abutments suitable for immediate loading.
- Complete report of the drilling protocol for each implant.

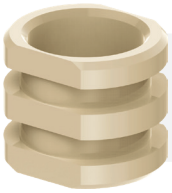
Sleeve Selection

According to the anatomical situation and the planned axis of adjacent implants, two different sleeve diameters are available.

For maximum precision, always use original AON Implants sleeves, positioned according to our instructions, to ensure full compatibility with AON guided-surgery instruments.



SLEEVE B5 - Ø 5mm (PEEK)
Recommended in all situations and for implant diameters with adequate spacing.



SLEEVEB4 - Ø 4mm (PEEK)
Indicated for use between teeth and for implants with a diameter smaller than Ø 3.75.

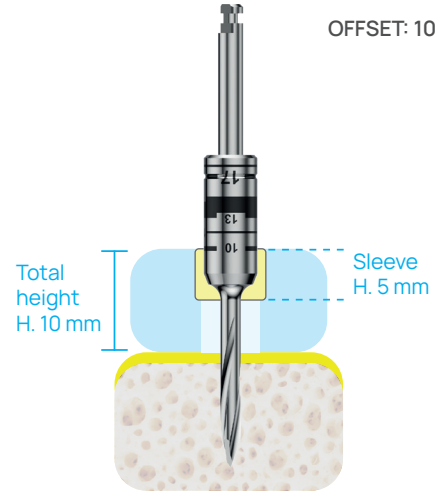
Cyroth implant	Sleeve B4	Sleeve B5
Diameter Ø 3.3	●	●
Diameter Ø 3.75		●
Diameter Ø 4		●
Diameter Ø 4.5		●

T.A.C. Implant	Sleeve B4	Sleeve B5
Diameter Ø 3.3	●	●
Diameter Ø 4		●
Diameter Ø 4.5		●

Implant recommended only for post-extraction cases

IS-Four Implant	Sleeve B4	Sleeve B5
Diameter Ø 3.3	●	●
Diameter Ø 3.75		●
Diameter Ø 4.2		●

1



Standard indications

AON Implants guided-surgery instruments are designed for procedures planned in the preoperative phase using 3D planning software.
They enable precise implant-site preparation using dedicated surgical guides consistent with the prosthetic plan.

Guides can be developed using AON digital libraries available in major guided-surgery planning software (for the full list, see point 3, page 6).

For accurate and predictable execution, it is recommended not to modify the standard offset of 10 mm (as shown in Table 1).
Note: *Any modifications to recommended parameters or improper use of original AON Implants instruments are the sole responsibility of the clinician.*

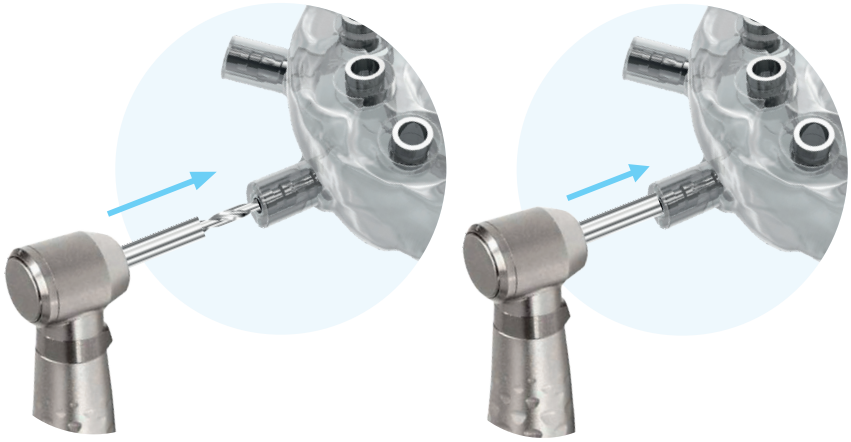
Pin Fixation

Lateral fixation pins are used to stabilize the guide where the bone quality is sufficient. The number of pins inserted must be adequate to ensure proper stabilization.



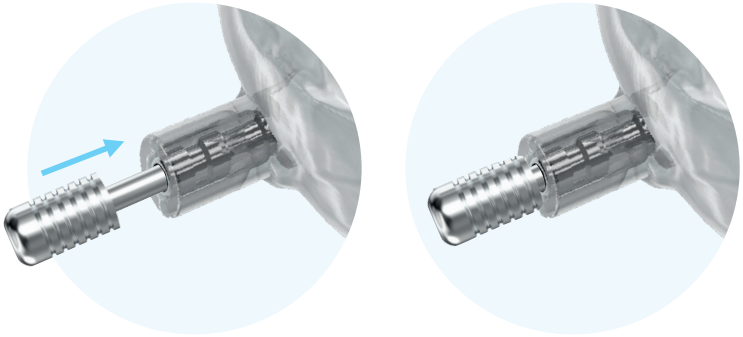
1

The image shows the guide sleeve for the dedicated pin drill (code ACG00000BCVE0).
Note: do not modify sleeve length.



2

Using the drill included in the kit, perform the hole for PIN placement until full depth (the drill must contact the sleeve).



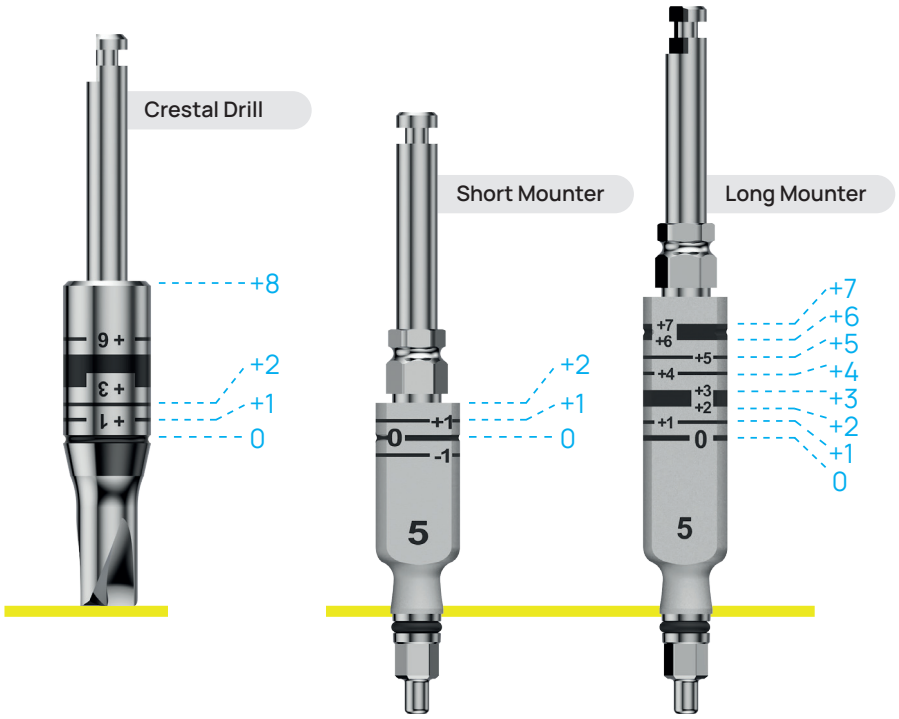
3

Insert the pin into position until locking, the surgical guide is now stabilized and ready for the following steps.

Management of complications

Unstable guide:	Check the pins and reposition them.
Fracture of the PIN drill:	Leave the drill in place (instead of the pin) and remove it only at the end of surgery.
Fracture of the guide:	If a fracture is not adjacent to the implant site, you may proceed; otherwise, remove the guide and continue freehand.

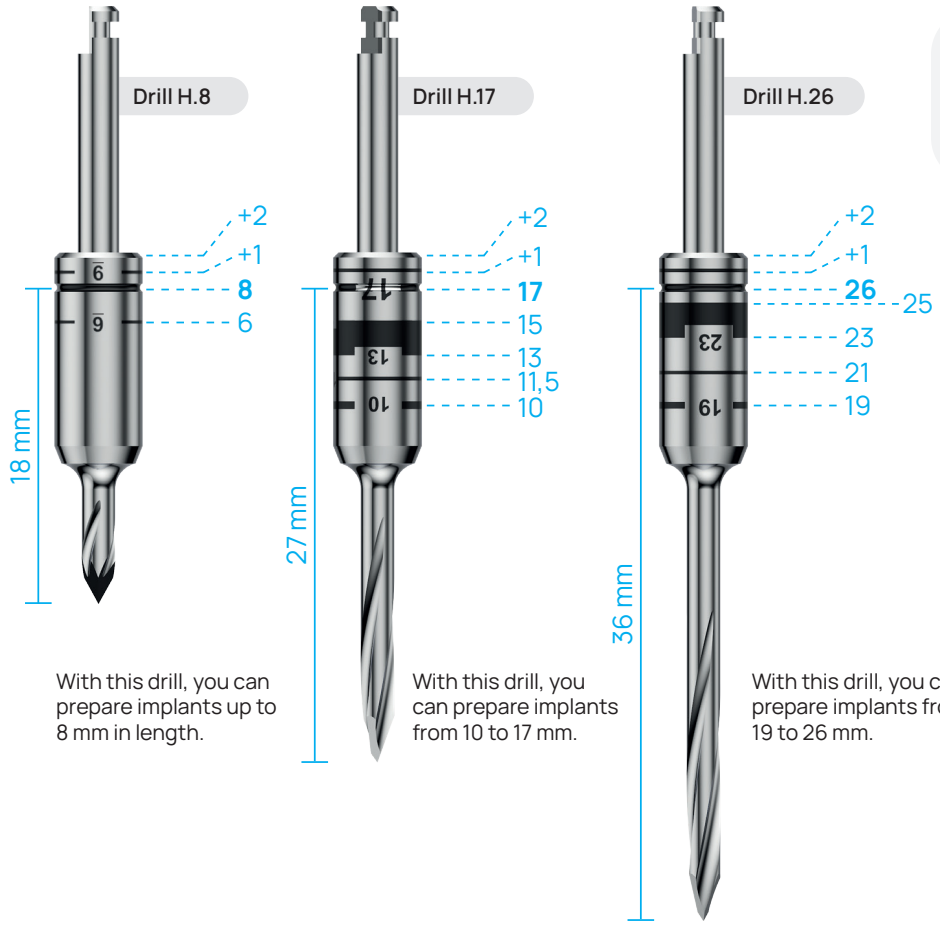
Drill and Mounter Markings



10 mm planning offset

The +1 and +2 marks are used when preparation exceeds the planned depth.

The 0 mark corresponds to the standard 10 mm planning offset from the implant connection.



With this drill, you can prepare implants up to 8 mm in length.

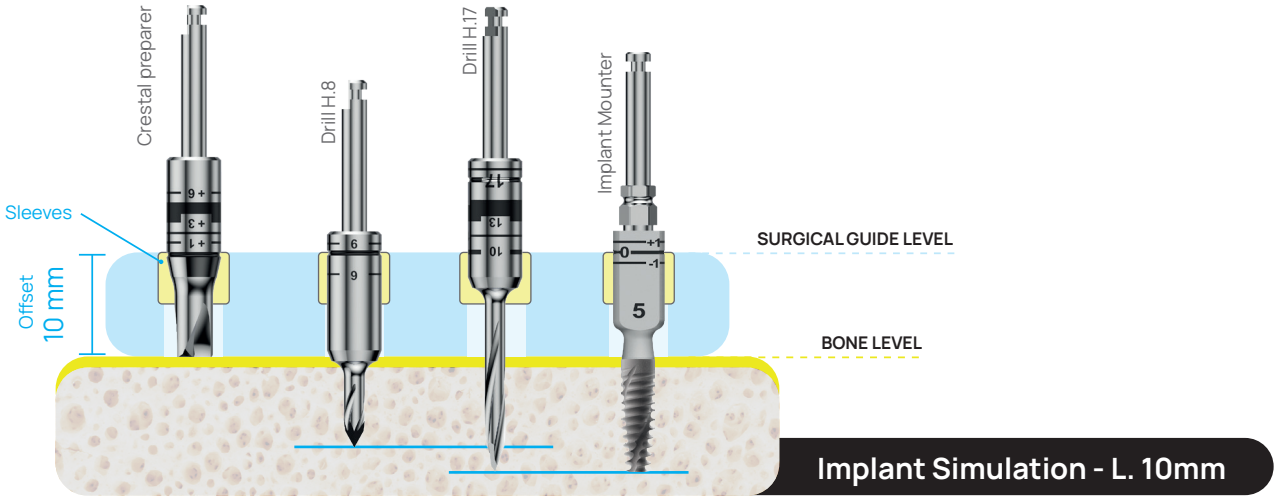
With this drill, you can prepare implants from 10 to 17 mm.

With this drill, you can prepare implants from 19 to 26 mm.

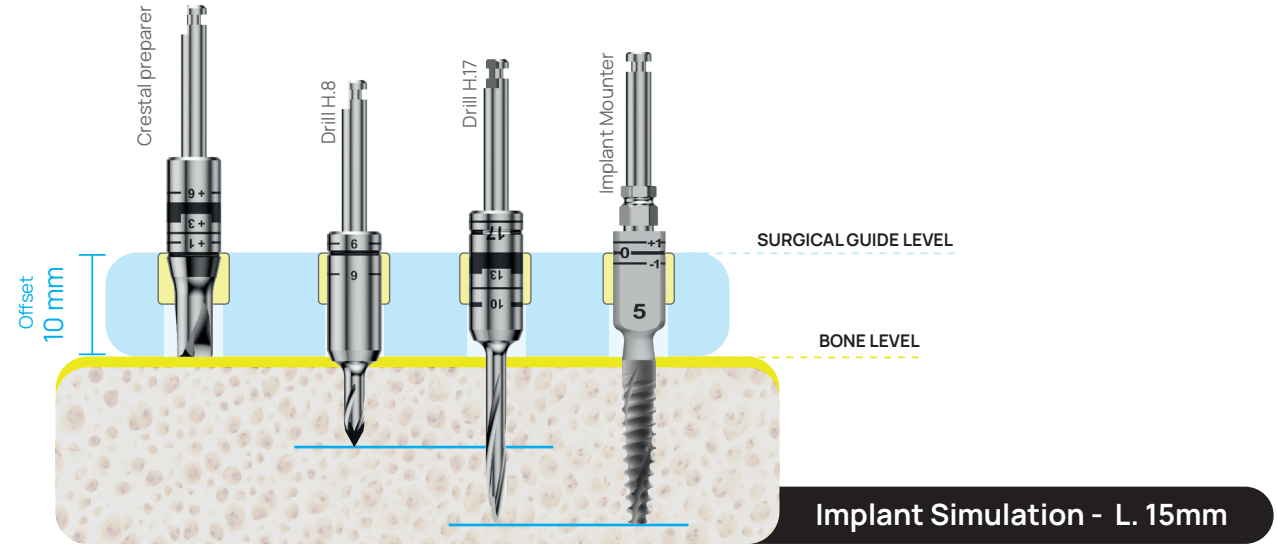
The +1 and +2 marks are used when preparation exceeds the planned depth.

Marks from 6 to 26 mm refer to implant lengths with a standard offset.

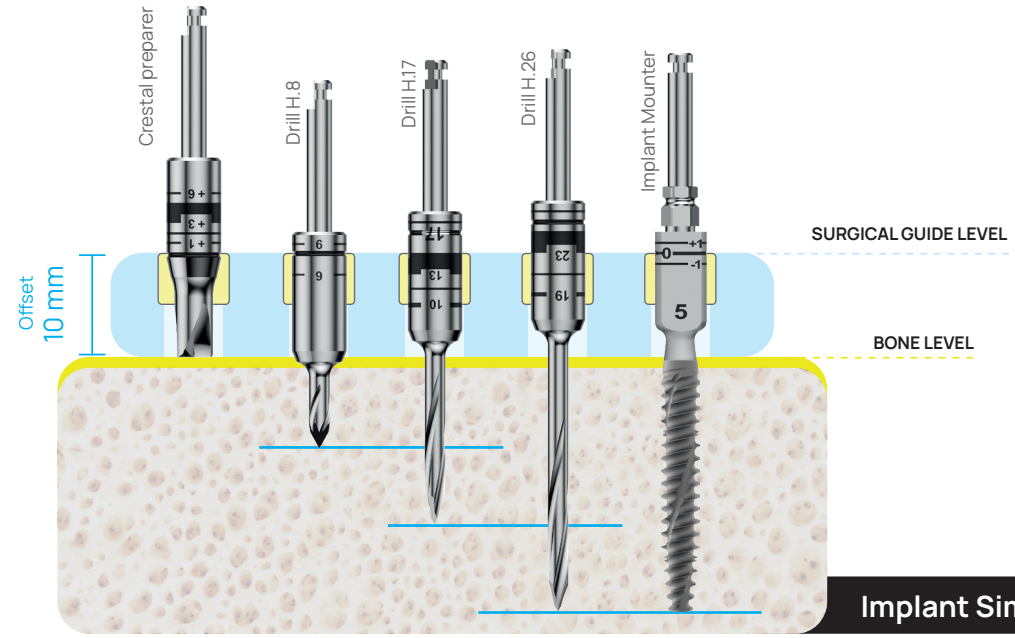
10 mm planning offset



Implant Simulation - L. 10mm



Implant Simulation - L. 15mm



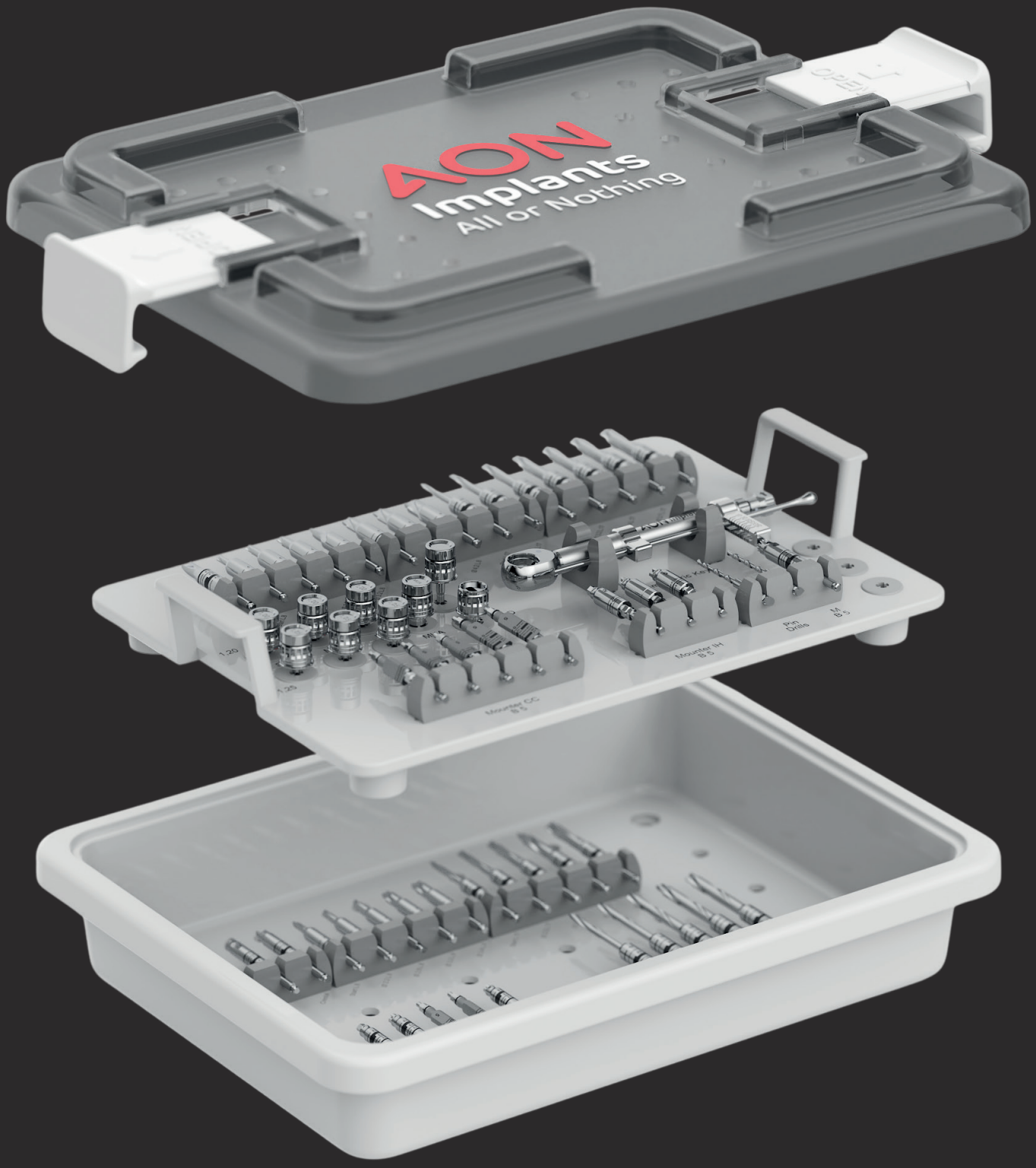
Implant Simulation - L. 23mm

SURGICAL PROTOCOLS

To view the complete surgical protocols for each AON dental implant system, please refer to the **REVCON Technical Catalog**, where the drilling steps are presented graphically.

SCAN ME

A unique kit of its kind.



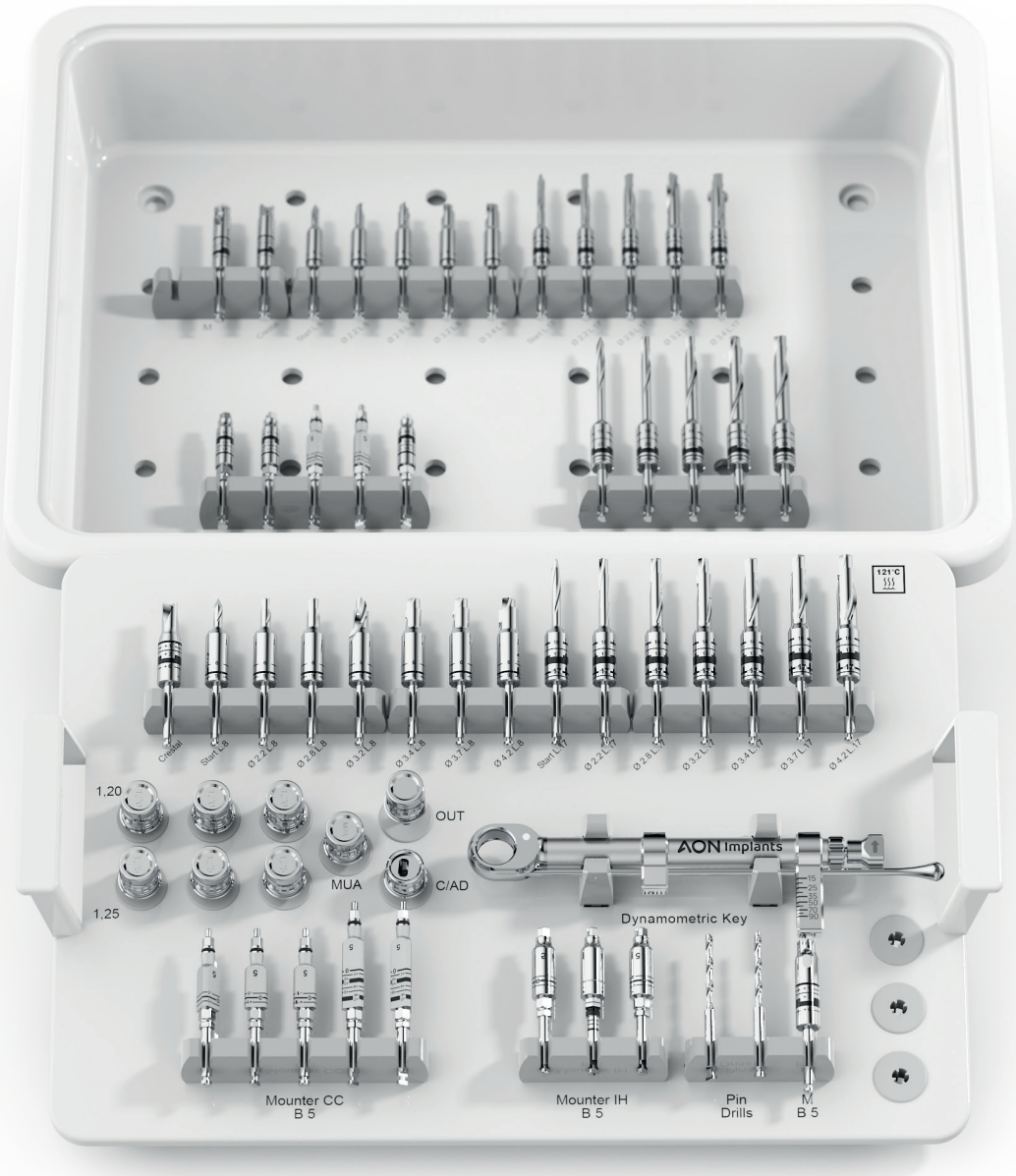
Stop-less

The **AON Implants guided surgery kit** was developed in collaboration with the **REVCON Academy clinical team.**

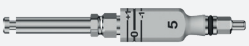
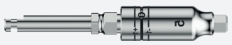
The clean, intuitive layout includes all instruments needed to perform guided-surgery procedures with **maximum precision and freedom**, allowing clinicians to manage standard implants and those up to **25 mm in length.**

The ergonomic instruments and stepwise preparation ensure precise, **visual implant placement free from mechanical obstructions** (no stops).

This kit also allows management of **sub-crestal implant placement.**



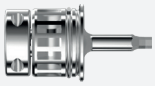
Drills & Mounters B5

	Description	Diameter	Length	Product Code
	B5 Crestal Drill			ACG50000PC000
	B5 Lanceolate Drill Length 8 mm		L. 8 mm	ACG50080FRLL0
	B5 Drill Length 8 mm	Ø 2,2 mm Ø 2,8 mm Ø 3,2 mm Ø 3,4 mm Ø 3,7 mm Ø 4,2 mm	L. 8 mm L. 8 mm L. 8 mm L. 8 mm L. 8 mm L. 8 mm	ACG22080DRB50 ACG28080DRB50 ACG32080DRB50 ACG34080DRB50 ACG37080DRB50 ACG42080DRB50
	B5 Lanceolate Drill Length 17 mm		L. 17 mm	ACG50170FRLL0
	B5 Drill Length 17 mm	Ø 2,2 mm Ø 2,8 mm Ø 3,2 mm Ø 3,4 mm Ø 3,7 mm Ø 4,2 mm	L. 17 mm L. 17 mm L. 17 mm L. 17 mm L. 17 mm L. 17 mm	ACG22170DRB50 ACG28170DRB50 ACG32170DRB50 ACG34170DRB50 ACG37170DRB50 ACG42170DRB50
	B5 Lanceolate Drill Length 26 mm		L. 26 mm	ACG50260FRLL0
	B5 Drill Length 26 mm	Ø 2,2 mm Ø 2,8 mm Ø 3,2 mm Ø 3,4 mm	L. 26 mm L. 26 mm L. 26 mm L. 26 mm	ACG22260DRB50 ACG28260DRB50 ACG32260DRB50 ACG34260DRB50
	B5 Mounter Key Contra-angle CC		Standard	ACG50000CMCAC
	B5 Mounter Key Contra-angle CC		L. 16 mm	A2G50160CMCAC
	B5 Mounter Key Contra-angle IH		Standard	ACG50000CMCA0
	Mucotome B5			ACG50000MU000

Drills & Mounters

	Description	Diameter	Length	Product Code
	Mucotome B4			ACG40000MU000
	B4 Crestal Drill			ACG40000PC000
	B4 Lanceolate Drill Length 8 mm		L. 8 mm	ACG40080FRLL0
	B4 Drill Length 8 mm	Ø 2,2 mm Ø 2,8 mm Ø 3,2 mm Ø 3,4 mm	L. 8 mm L. 8 mm L. 8 mm L. 8 mm	ACG22080DRB40 ACG28080DRB40 ACG32080DRB40 ACG34080DRB40
	B4 Lanceolate Drill Length 17 mm		L. 17 mm	ACG40170FRLL0
	B4 Drill Length 17 mm	Ø 2,2 mm Ø 2,8 mm Ø 3,2 mm Ø 3,4 mm	L. 17 mm L. 17 mm L. 17 mm L. 17 mm	ACG22170DRB40 ACG28170DRB40 ACG32170DRB40 ACG34170DRB40
	B4 Mounter Key NP Contra-angle IH		Standard	ACG40000CMCAN
	B4 Mounter Key RP Contra-angle IH		L. 18 mm	ACG00180PN000
	B4 Mounter Key Contra-angle CC			ACG40000CMCAC

Instruments

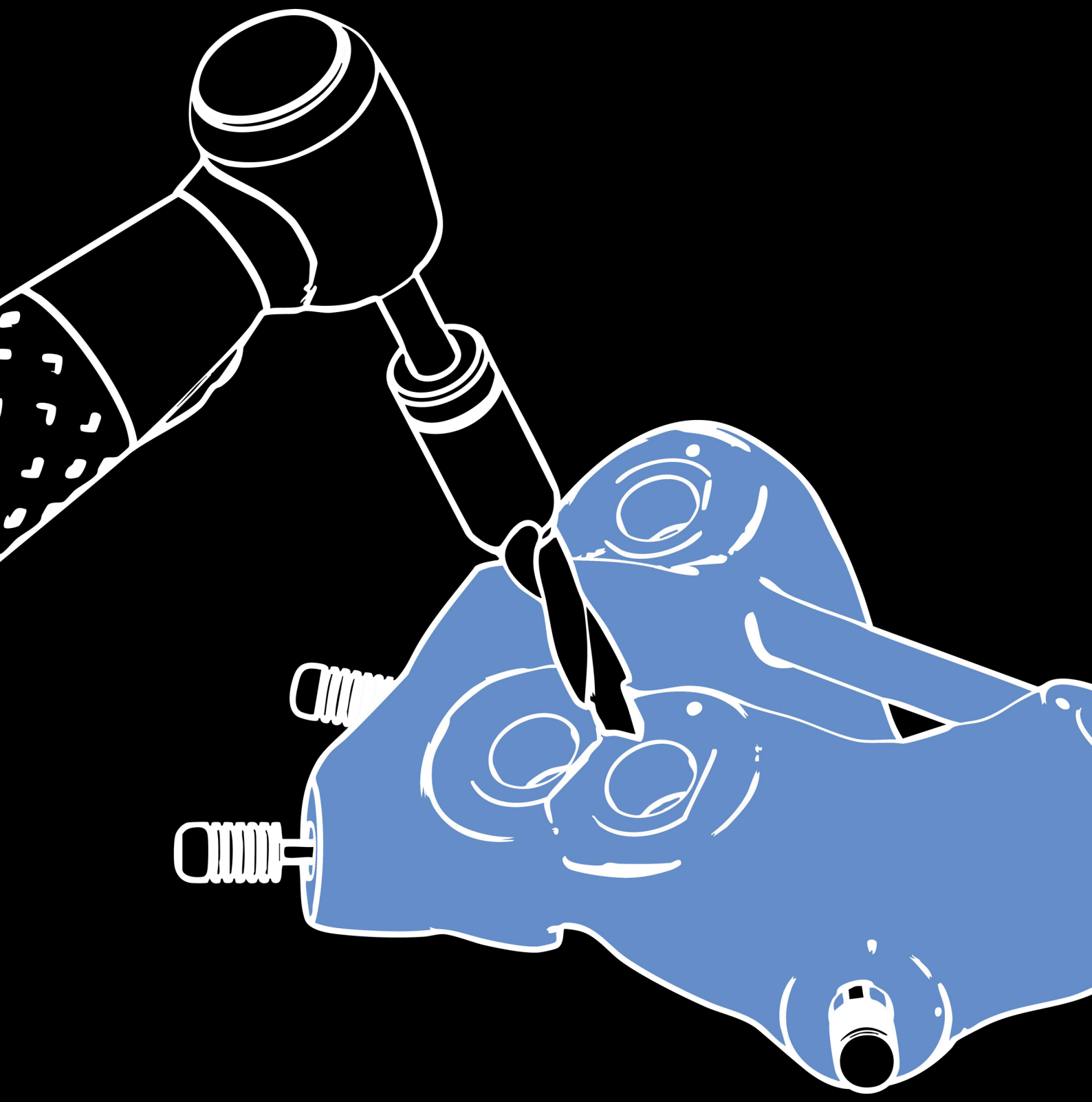
	Description	Diameter	Length	Product Code
	Dynamometric Ratchet			AST00000CCDN0
	Manual Fixation Short Prosthetic	Ø 1,20 mm Ø 1,25 mm	L. 8 mm L. 8 mm	AST12SHOAPCRB AST1BSHOAPCRB
	Manual Fixation Long Prosthetic	Ø 1,20 mm Ø 1,25 mm	L. 14 mm L. 14 mm	AST12000APCRB AST1B000APCRB
	Manual Fixation Extra-Long Prosthetic	Ø 1,20 mm Ø 1,25 mm	L. 30 mm L. 30 mm	AST12030APCRB AST1B030APCRB
	Multi-Utility Key Straight NB – Short			AST00SHOAPCRE
	Contra-Angle Adapter			AST00000APCR0
	Conometric Extraction Key – OUT			AST00000EMCRC
	Drill for Vestibular Pins	Ø 1,5 mm	L. 18 mm	FIP-150
	Fixation Pin for Guide		L. 18 mm	ACG00180PN000 Single Package
	Sleeve for Vestibular Pin			ACG00000BCVE0 Single Package
	B4 Sleeve in PEEK	Ø internal 4 mm		ACG4000BCPP0 Pack of 5 pieces
	B5 Sleeve in PEEK	Ø internal 5 mm		ACG5000BCPP0 Pack of 5 pieces

Complete Kit

Description	Product Code
Guided Surgery Light Box	ATY00CHG00LG



Notes



AON Implants
All or Nothing

AON Implants Srl
Via Alessandro Manzoni, 25
36040 Grisignano di Zocco (VI)
ITALY

info@aonimplants.com
+39 0444 614994

www.aonimplants.it

AON Implants srl is a certified company:

EU-MDR **ISO 9001**
ISO 13485

Vers. 01 - 07/10/2025