

PRODUCT CATALOG 2024 2025

CLINICAL EXPERIENCE AND TECHNICAL PROGRESS EXPRESSED IN TITANIUM

lassic



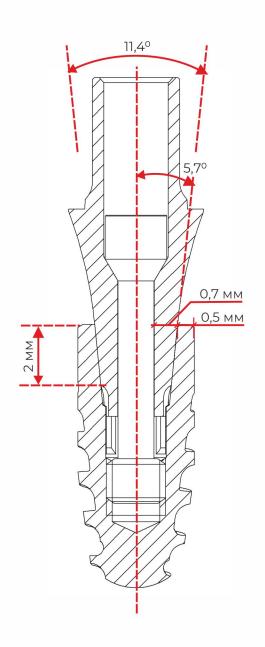
A2 IMPLANT SYSTEM

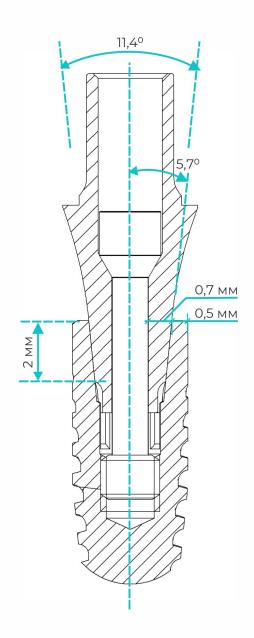
TWO IMPLANT DESIGNS— IDENTICAL PROSTHETICS

Cold-hardened Titanium Grade 4

Self-locking taper connection 5.7°

Universal prosthetic platform 2.5 mm





A2 rock

active
thread



SAFE

A2 DENTAL IMPLANTS are manufactured from biocompatible and hypoallergenic commercially pure cold-hardened grade 4 titanium. The surface treatment of sandblasting and acid etching creates a rough surface pattern that interacts ideally with natural bone and enhances the biomechanical performance at the bone-implant interface.

STRONG

Self-locking Morse taper connection of A2 DENTAL IMPLANTS eliminates micromovement at the implant-abutment level, increasing the strength of the entire structure. Thick implant walls reduce the risk of fracture even with small diameter implants.

STABLE

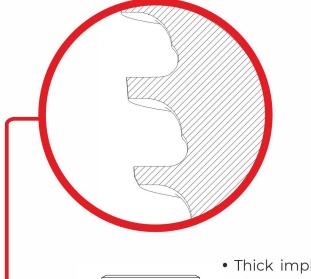
The wide implant shoulder and narrow abutment neck of A2 DENTAL IMPLANTS result in a pronounced platform-switch effect that, when combined with subcrestal placement, creates a wide protective zone over the implant shoulder that ensures long-term stability of bone and soft tissue around the implant.

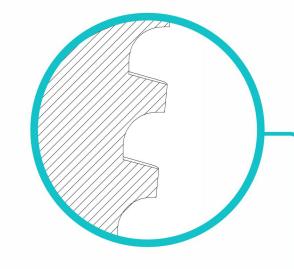
UNIVERSAL

Two implant thread designs and a wide range of prosthetic components - identical for both implants – ensure excellent primary stability and guarantee the versatility of the system allowing A2 DENTAL IMPLANTS to cover even the most advanced clinical cases.

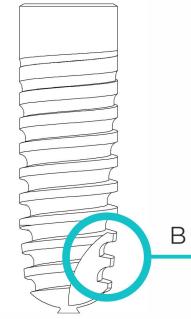
A2 IMPLANT SYSTEM

FREEDOM OF IMPLANT SOLUTIONS





- Thick implant walls allow the placement of small diameter implants (3.5 mm) in the molar region.
- Increasing thread depth ensures excellent primary stability, especially in spongy bone.
- A narrow tapered implant body reduces bone trauma during placement.
- The implant holder allows noncontact work with the implant to ensure a clean surface.



A2 rock

thread

A2 classic

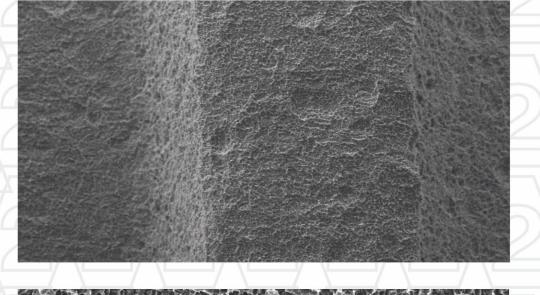
progressive
thread

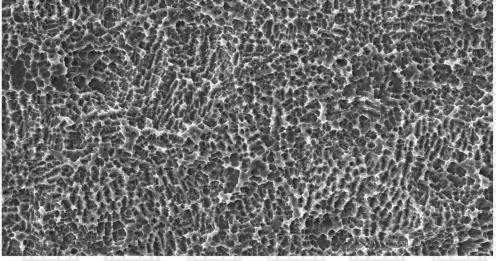
MAG x 300

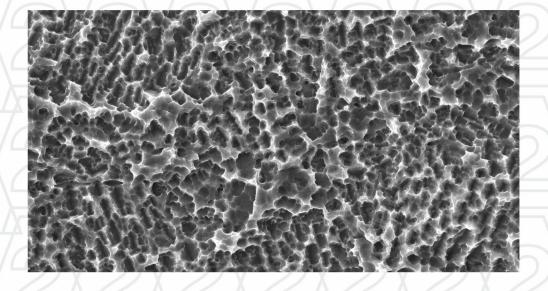


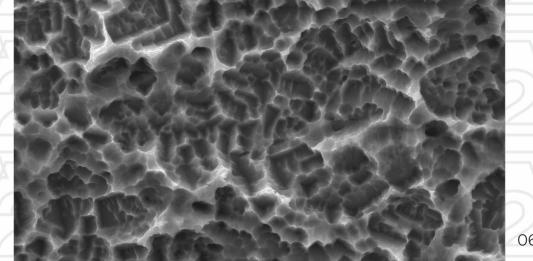




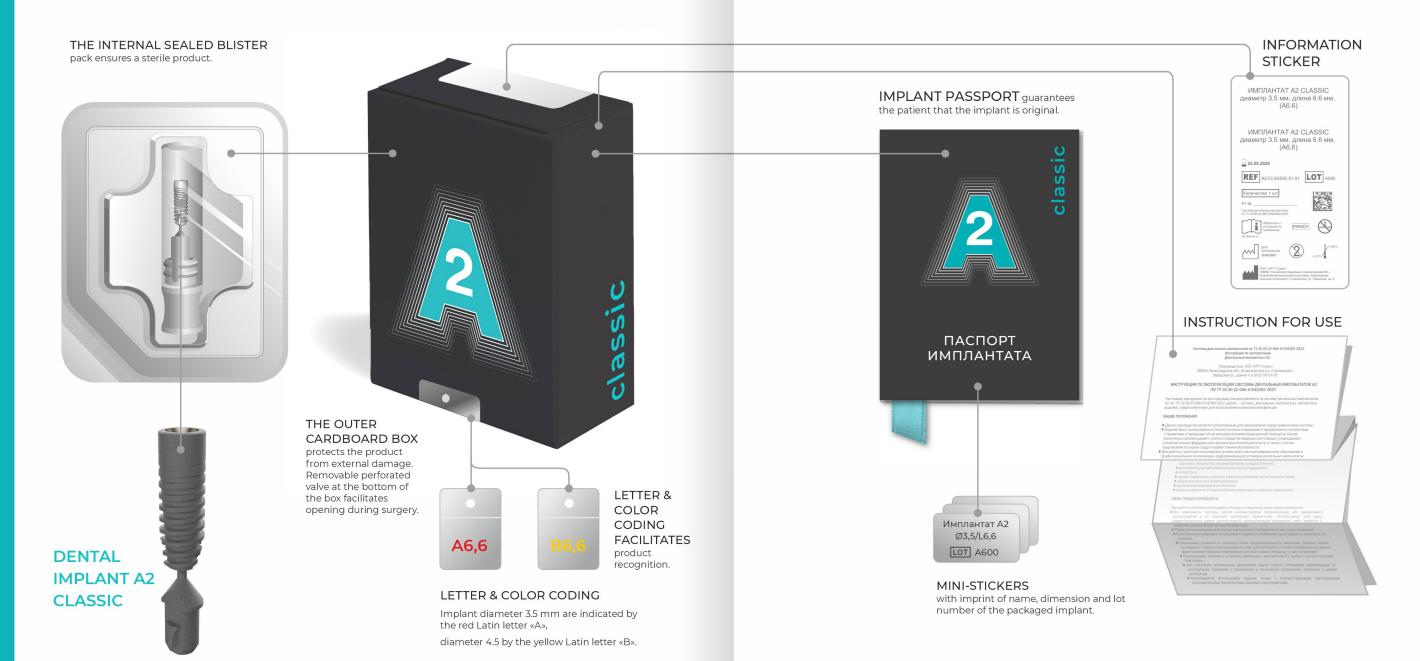




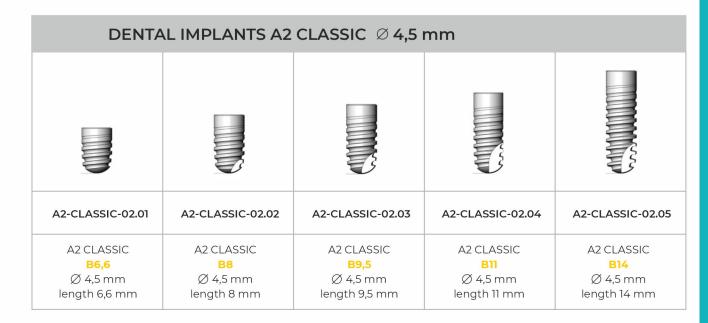




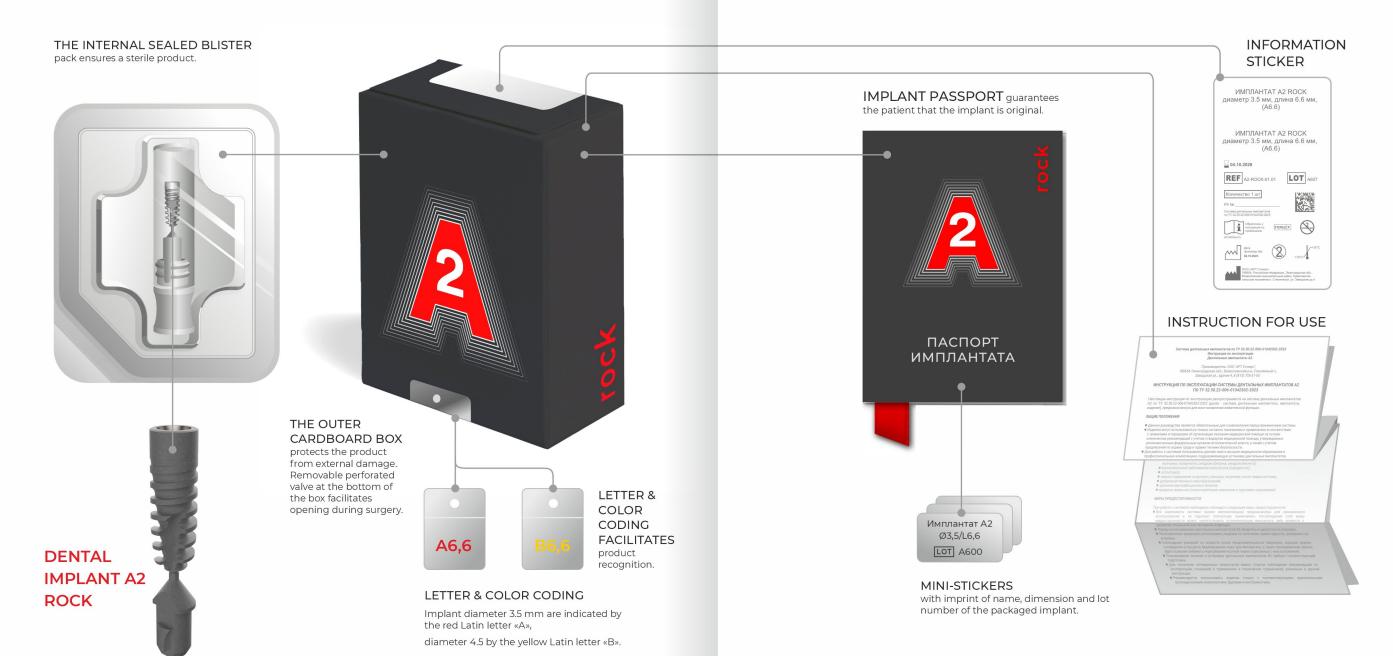
DENTAL IMPLANTS A2 CLASSIC



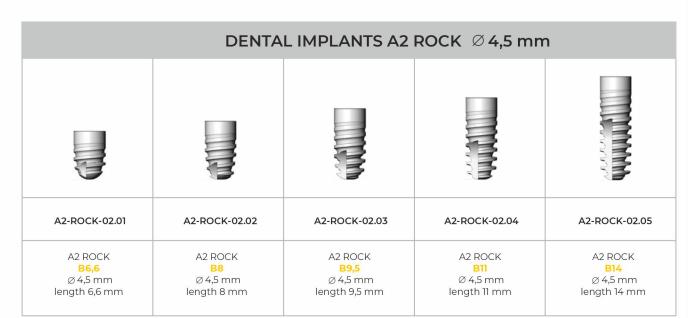
DENTAL IMPLANTS A2 CLASSIC Ø 3,5 mm				
A2-CLASSIC-01.01	A2-CLASSIC-01.02	A2-CLASSIC-01.03	A2-CLASSIC-01.04	A2-CLASSIC-01.05
A2 CLASSIC A6,6 Ø 3,5 mm length 6,6 mm	A2 CLASSIC A8 Ø 3,5 mm length 8 mm	A2 CLASSIC A9,5 Ø 3,5 mm length 9,5 mm	A2 CLASSIC A11 Ø 3,5 mm length 11 mm	A2 CLASSIC A14 Ø 3,5 mm length 14 mm

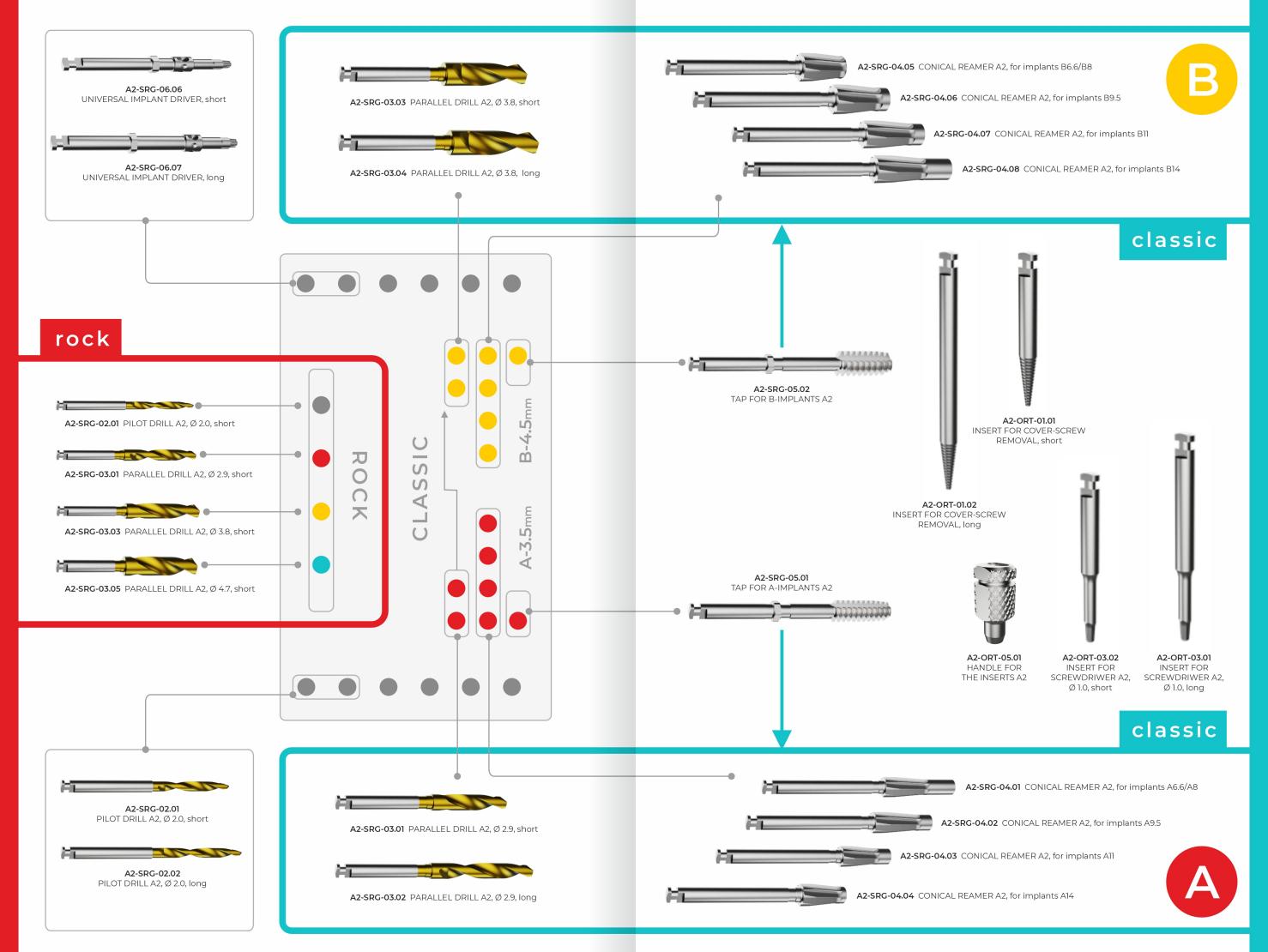


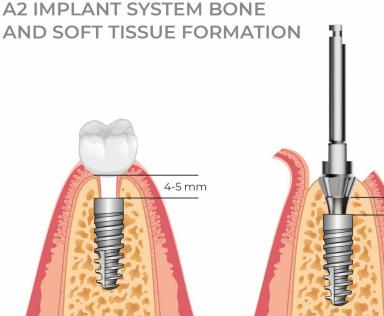
DENTAL IMPLANTS A2 ROCK



DENTAL IMPLANTS A2 ROCK Ø 3,5 mm				
A2-ROCK-01.01	A2-ROCK-01.02	A2-ROCK-01.03	A2-ROCK-01.04	A2-ROCK-01.05
A2 ROCK A6,6 Ø 3,5 mm length 6,6 mm	A2 ROCK A8 Ø 3,5 mm length 8 mm	A2 ROCK A9,5 Ø3,5 mm length 9,5 mm	A2 ROCK A11 Ø 3,5 mm length 11 mm	A2 ROCK A14 Ø 3,5 mm length 14 mm

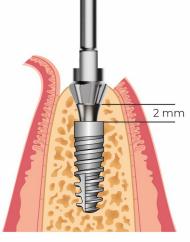




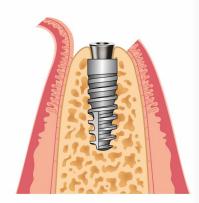


A2 DENTAL IMPLANTS are designed for subcrestal placement (below the top of the alveolar ridge). The depth is determined individually, taking into account the anatomy of the bone and soft tissue, so that the total distance from the apex of the crown to the implant shoulder is 4-5 mm.

A2 PROFILING



If the A2 implant is placed more than 2 mm subcrestally additional bone profiling is required. Use the A2 PROFILING ABUTMENT as a depth gauge and as a guide for the bone profiler

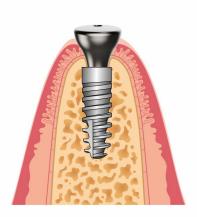


In case of submerged healing A2 COVER SCREWS are used to isolate the inner part of the implant and to start bone formation.

Depending on the anatomical situation 0 mm, 1 mm and 2 mm cover screws may be preferred.

A2 COVER-SCREW ABUTMENT A2-ZAG-02.00 A2-ZAG-02.01 A2-ZAG-02.02 COVER-SCREW A2 COVER-SCREW A2 COVER-SCREW A2 A2-BAS-01.02 HEIGHT 1 MM HEIGHT 0 MM HEIGHT 2 MM PROFILING ABUTMENT **A2 TEMPORARY ABUTMENT** M A2-TMP-01.01 A2-TMP-01.02 A2-TMP-01.03 A2-TMP-01.04 **TEMPORARY TEMPORARY TEMPORARY TEMPORARY** ABUTMENT A2 ABUTMENT A2 ABUTMENT A2 ABUTMENT A2 non-indexed (M) non-indexed (L) indexed (L) indexed (M) GH 3,5 GH 2,4 GH 2,4 GH 3,5

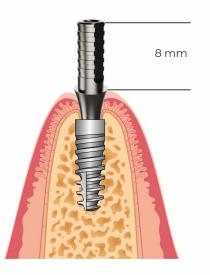
Tissue formation around the implant can be performed using a submerged, transgingival or immediately loaded protocol.



A2 HEALING ABUTMENTS are used to shape the soft tissue cuff around the implant. Healing abutments are selected based on the thickness of the soft tissue, the amount of subcrestal placement, and the emergency profile of the future crown.

Narrow A2 HEALING ABUTMENTS (ø 3.5 mm) – upper lateral incisors, lower incisors.

Medium A2 HEALING ABUTMENTS (ø 5.5 mm) – canines and premolars. Wide A2 HEALING ABUTMENTS (ø 7.5 mm) – molars and central incisors. Use two-piece abutments for customization.



A2 TEMPORARY ABUTMENTS can be used for both immediate and delayed loading. The long supra-gingival abutment length (8.0 mm) can be reduced to the appropriate level. Deep retention grooves facilitate direct relining of PMMA crowns.

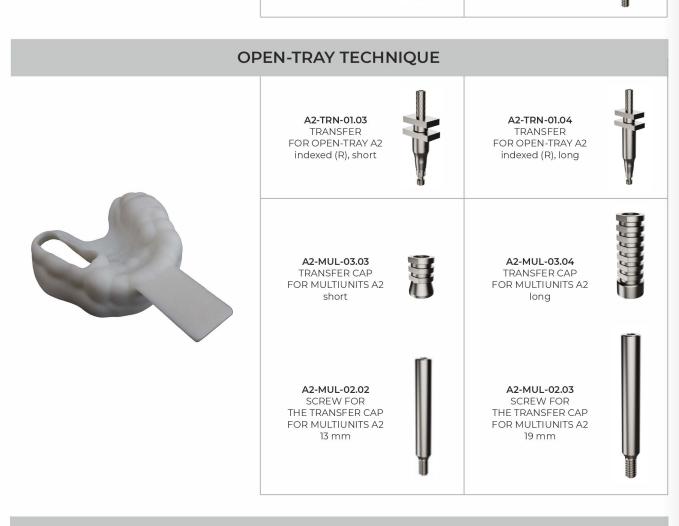
A2 ONE-PIECE HEALING ABUTMENTS					
S	M	L	XL		
A2-FDM-05.01 HEALING	A2-FDM-05.02 HEALING	A2-FDM-05.03 HEALING	A2-FDM-05.04 HEALING		
ABUTMENT A2 NARROW (S) GH 1.5	ABUTMENT A2 NARROW (M) GH 3.0	ABUTMENT A2 NARROW (L) GH 4.5	ABUTMENT A2 NARROW (XL) GH 6.0		
	A2-FDM-05.07 HEALING ABUTMENT A2 MEDIUM (M) GH 3.0	A2-FDM-05.08 HEALING ABUTMENT A2 MEDIUM (L) GH 4.5	A2-FDM-05.09 HEALING ABUTMENT A2 MEDIUM (XL) GH 6.0		
		A2-FDM-05.11 HEALING ABUTMENT A2 LARGE (L) GH 4.5	A2-FDM-05.12 HEALING ABUTMENT A2 LARGE (XL) GH 6.0		

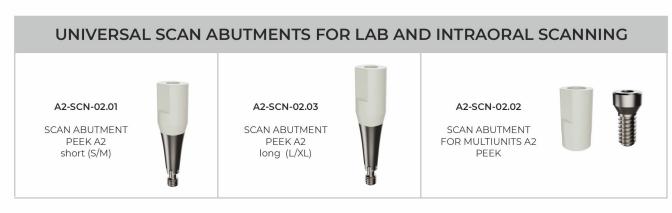
	A2 TWO-PIECE HEALING ABUTMENTS				
S	М				
n	- D				
P	Ÿ				
A2-FDM-02.01 TWO-PIECE	A2-FDM-02.02 TWO-PIECE				
HEALING ABUTMENT A2	HEALING ABUTMENT A2				
MEDIUM (S), GH 1.5	MEDIUM (M), GH 3.0				
A2-FDM-02.03 TWO-PIECE HEALING	A2-FDM-02.04 TWO-PIECE HEALING				
ABUTMENT A2 LARGE (S), GH 1.5	ABUTMENT A2 LARGE (M), GH 1.5				

IMPLANT CLINICAL POSITION TRANSFER TO DENTAL LAB

CLOSED-TRAY TECHNIQUE A2-TRN-02.04 A2-TRN-02.06 TRANSFER FOR TRANSFER FOR CLOSED-TRAY A2 CLOSED-TRAY A2 indexed (R), short indexed (R), long A2-TRN-03.01 A2-TRN-03.02 TRANSFER FOR TRANSFER FOR CLOSED-TRAY A2 CLOSED-TRAY A2 non-indexed, large non-indexed, narrow









A2-ANG-01.01

MULTIUNIT ABUTMENT ANALOG A2
for plaster models

A2-ANG-01.02

IMPLANT ANALOG A2
for plaster models

A2-ANG-01.03

LOCK ABUTMENT ANALOG A2
for plaster models

for plaster models

ANALOGS FOR PLASTER MODELS

2 CLASSIC ABUTMENTS

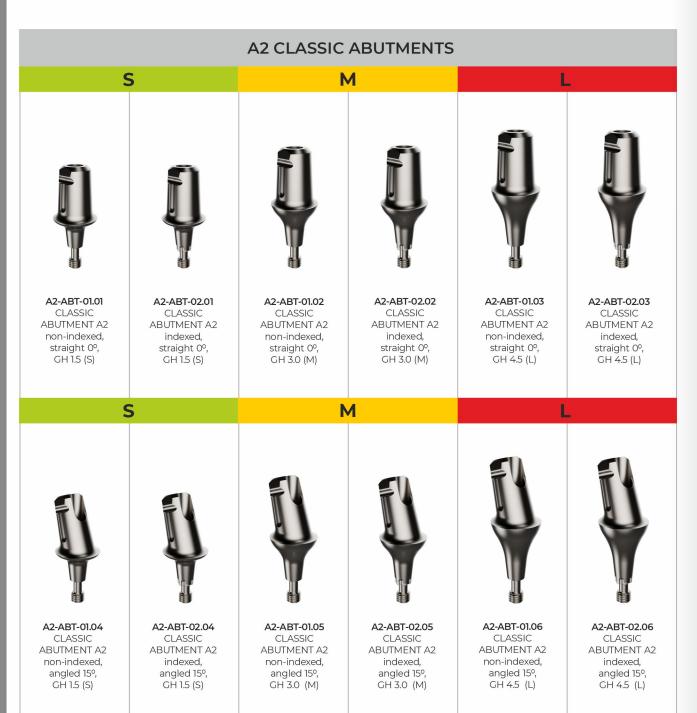
INDICATIONS FOR USE: CROWNS AND BRIDGES WITH CEMENT RETENTION



A2 Classic Abutments

- are the most versatile and multifunctional suprastructures designed for crown and bridge fabrication;
- have an integrated screw to increase patient safety against aspiration: there is no need for placement and cannot fall out;
- offer a wide range of gingiva heights (S, M and L) and inclination angles (0° and 7.5°);
- · can be customized to adapt their shape to a specific clinical situation;
- with an index can be easily seated in one of six positions;
- · without an index, use a transfer key for proper positioning.

CAUTION: For reliable cement retention, the shortening should not be less than 4 mm.



INDICATIONS FOR USE: SINGLE CROWNS WITH SCREW RETENTION



A2 Titanium Bases

- are simple and reliable suprastructures ideally for screw-fixed crowns;
- have an integrated screw to increase patient safety against aspiration: there is no need for placement and cannot fall out;
- offer a wide range heights of gingiva transition (S, M, L and XL) and supragingival parts (4.0 mm and 6.0 mm);
- can be downloaded from our website (A2implant.com) to create crowns in CAD programs;
- with an index can be easily seated in one of six positions;
- without an index, use a transfer key for proper positioning.

CAUTION: It is not recommended to fabricate bridges with screw fixation because of the risk of incomplete cone fit - use instead A2 Multiunit Abutments.

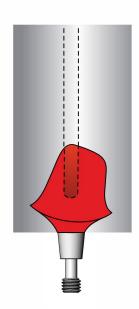


INDICATIONS FOR USE:

CROWNS AND BRIDGES WITH CEMENT OR SCREW RETENTION







A2 Pre-mill Blanks

- consist of one part that is precision-milled in the factory and one part that is milled in the dental laboratory to create a custom abutment;
- · have an integrated screw to increase patient safety against aspiration: there is no need for placement and cannot fall out;
- can be downloaded from our website (A2implant.com) to design with CAD programs;
- provide sufficient initial dimension to create different gingival depths and angles of inclination;
- can be adapted for the following holders: Medentica / Arum / Zirkonzahn;
- with an index can be easily seated in one of six positions;
- without an index, use a transfer key for proper positioning.

CAUTION: For reliable cement retention, the shortening should not be less than 4 mm.

A2 PRE-MILL ABUTMENTS



A2-PRE-01.01 PRE-MILL ABUTMENT A2 non-indexed (Medentika)



A2-PRE-02.01 PRE-MILL ABUTMENT A2 non-indexed (ARUM)



A2-PRE-03.01 PRE-MILL ABUTMENT A2 non-indexed (ZirkonZahn)



PRE-MILL ABUTMENT A2 indexed (Medentika)



A2-PRE-02.02 PRE-MILL ABUTMENT A2 indexed (ARUM)



A2-PRE-03.02 PRE-MILL ABUTMENT A2 indexed (ZirkonZahn)

INDICATIONS FOR USE: BRIDGES WITH SCREW RETENTION









A2 Multiunit Abutments

- · are designed for screw-retained bridges;
- offer a wide range of gingiva heights (S, M and L) and inclination angles (0°, 7.5° and 30°);
- are solid when straight, angled with integrated screw;
- can be downloaded from our website (A2implant.com) to create bridges in CAD programs;
- allow the use of A2 Titanium Caps, which provide a passive fit of the bridge and prevent the zirconia from cracking during

CAUTION: The fabrication of single crowns is contraindicated.

A2 STRAIGHT MULTIUNIT ABUTMENTS

M



A2-MUL-01.02 MULTIUNIT ABUTMENT A2, straight 0°, GH 1.5 (S)

S



A2-MUL-01.03 MULTIUNIT ABUTMENT A2, straight 0°, GH 3.0 (M)



A2-MUL-01.04 MULTIUNIT ABUTMENT A2, straight 0°, GH 4.5 (L)

A2 STRAIGHT MULTIUNIT ACCESSORIES



A2-MUL-02.01 **RETENTION SCREW** FOR MULTIUNITS A2, 5 mm



A2-MUL-02.04 **RETENTION SCREW** FOR MULTIUNITS A2, 8 mm



A2-MUL-03.01 TITANIUM CAP FOR MULTIUNITS A2



A2-MUL-03.02 HEALING CAP FOR MULTIUNITS A2, short (S/M)



A2-MUL-03.05 **HEALING CAP** FOR MULTIUNITS A2, short (S/M)



A2-WLD-02.01 CAP FOR INTRAORAL WELDING A2

A2 ANGLED MULTIUNIT ABUTMENTS M

ABUTMENTS

MULTIUNIT

A2



A2-MUL-01.05 MULTIUNIT ABUTMENT A2, angled 15°, GH 3,0 (M)



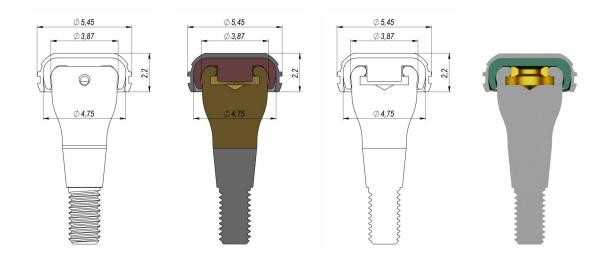


A2-MUL-01.07 MULTIUNIT ABUTMENT A2, angled 30°, GH 3,0 (M)



A2-MUL-01.08 MULTIUNIT ABUTMENT A2, angled 30°, GH 4,5 (L)

INDICATIONS FOR USE: IMPLANT-RETAINED TISSUE SUPPORTED OVERDENTURES



A2 Lock Abutments

- offer a wide range of gingiva heights (2 mm, 3 mm, 4mm, 5mm and 6 mm) and inclination angles (0° and 7.5°);
- have an universal upper cylindrical part;
- are solid when straight, angled with integrated screw;
- use a titanium matrix with a nylon insert to anchor removable full dentures;
- with attached matrix require a minimum of 7.5 mm vertical space from the implant shoulder (2 mm gingival height + 3.5 mm attachment and 2 mm denture acrylic);
- with attached matrix require a minimum of 9.5 mm of space in the horizontal plane (5.5 mm matrix Ø + 2.0 mm each of oral and buccal denture acrylic).

A2 LOCK ABUTMENTS 5 5 A2-LOC-01.01 A2-LOC-01.02 A2-LOC-02.02 A2-LOC-01.03 A2-LOC-01.04 A2-LOC-01.05 A2-LOC-02.01 LOCK ABUTMENT A2 straight 0°, straight 0°, straight 0°, straight 0°, straight 0°, straight 15°, straight 15°, GH 2.0 GH 3.0 GH 4.0 GH 5.0 GH 6.0 GH 3.0 GH 4.5

A2 PROSTHETIC INSTRUMENTS

- Cover Screws, Healing, Impression and Scan Abutments have a 7.0 mm hex slot. Use a manual 1.0 mm hex Screwdriver without excessive effort.
- Classic Abutments, Titanium bases and milled Blanks have a hex slot located in the cap of the integrated screw. Use a 1.0 mm hex Screwdriver and a prosthetic ratchet wrench to apply 15 Ncm of torque.
- Strait Multiunit Abutments have a 1.8 mm hex slot. Use a 1.8 mm hex Screwdriver and prosthetic ratchet wrench to apply 25 Ncm of torque.
- Angled Multi-Unit Abutments consist of two parts: an angled base with a 1.0 mm hex and a platform with a 1.8 mm hex. Attach the angled base using a 1.0 mm hex Screwdriver with a torque of 15 Ncm, then attach the multi-unit platform using a 1.8 mm hex Screwdriver with a torque of 25 Ncm, applied by the prosthetic ratchet.
- Strait Lock Abutments have a 1.8 triangular slot. Use a 1.8 mm triangular Screwdriver and prosthetic ratchet wrench to apply 25 Ncm of torque.
- Angular Lock Abutments consist of two parts: an angled base with a 1.0 mm hex, and a platform with a 1.8 mm triangular slot. Install the corner base with a 1.0 mm hex Screwdriver with a torque 15 Ncm, then fix the platform with a triangular Screwdriver with a torque of 25 Ncm, applied by the prosthetic ratchet.

	A2 COVER SCREWS A2 HEALING ABUTMENTS A2 TEMPORARY ABUTMENTS	5-8 Ncm	HEX 1,0
42	A2 TRANSFERS A2 SCAN ABUTMENTS	5-8 Ncm	HEX 1,0
	A2 CLASSIC ABUTMENTS A2 TITANIUM BASES A2 PRE-MILL ABUTMENTS	15 Ncm	HEX 1,0
	A2 MULTIUNIT ABUTMENTS (straight)	25 Ncm	HEX 1,8
	A2 LOCK ABUTMENTS (straight)	25 Ncm	TRI
	A2 MULTIUNIT ABUTMENTS (angled)	15 Ncm 25 Ncm	HEX 1,0 HEX 1,8
	A2 LOCK ABUTMENTS (angled)	15 Ncm 25 Ncm	HEX 1,0 TRI



A2IMPLANT.COM