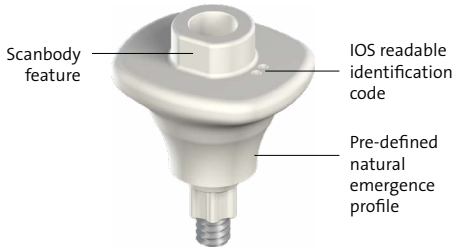
Straumann® Anatomic Healing Abutment XC (AHA)

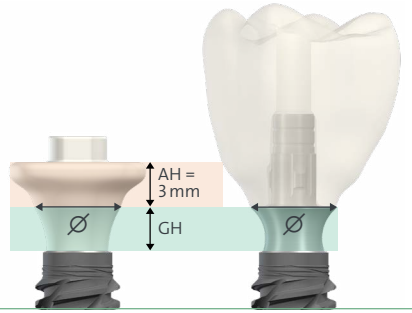
QUICK GUIDE

Off the shelf AHA has pre-defined anatomic emergence profile with integrated scanbody.



- Eliminates the need to use separate healing abutment, impression post or scanbody
- Reduces multiple dis-/-reconnection of prosthetic components, minimizes the disruption of peri-implant tissue during healing phase
- IOS readable identification code represents the type of AHA used, they are visible in stl. lab files

Natural-looking emergence profile keeps adequate gingival opening, preventing gingiva interfering with the restoration seating.



- AHA follows the consistent emergence profile of the final abutment and crown.
- GH and ⌀ correspond to the dimensions of final abutment.
- All AHAs have the standard abutment height (AH) of 3 mm.

CLINICAL WORKFLOW

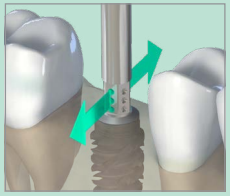
1 Planning

Opt. A: Gingiva measurement with traditional tools and the choice of AHA size in chairside.

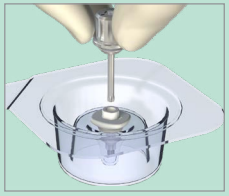
Opt. B: AHA can be a part of pre-operative planning by using digital planning software with AHA library.

2 Placing

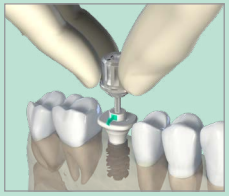
Implant placement: Orientation dots on the implant driver must be aligned buccal-lingual.



AHA placement: Insert the AHA and pre-assembled self-retaining screw with SCS Screwdriver.



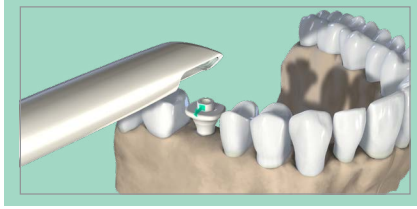
Hand tighten (i.e. 14 Ncm) the AHA. Flat scanbody feature on AHA must be aligned in buccal orientation.



The screw head should be closed with absorbent cotton or gutta-percha and a sealing compound (e.g. composite restorative material).

3 Scanning

Ensure that AHA is cleaned completely, and no visual defects are observed on the scanbody feature. AHA libraries in design software includes the emergence profile, **additional gingiva scan is not necessary in IOS protocols. Scanning function of AHA should be only used for single-unit restorations.**

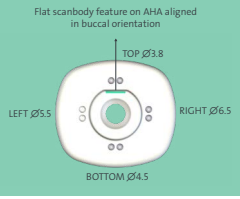


4 Design

Scanbody part of AHA represents the position and orientation of the respective dental implant in CADCAM scanning procedures. Scan files using AHA can be used in CARES® Visual – the most current libraries for Straumann® centralized and in-house prosthetics can be found in Straumann Download Center.

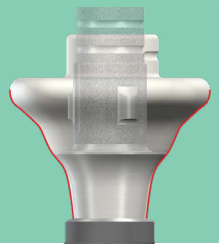
The identifier code on the occlusal surface of the AHA can be visualized in stl files to transfer the information about gingiva height (GH) and platform diameter (Ø) used.

- Number of dots represent GH of the AHA used (i.e. 1 dot: GH1.5, 2 dots: GH2.5).
- Place of dots on the occlusal surface of the AHA represent Ø.



Shape	S	S1	M	XL		
Ø and Platform	Ø 3.8 mm RB/WB	Ø 3.8 mm RB/WB	Ø 3.8 mm RB/WB	Ø 4.5 mm RB/WB	Ø 5.5 mm WB	Ø 6.5 mm WB
GH 1.5 mm						
GH 2.5 mm						

AHA emergence profile (red contour below) can be visualized in the design software to assist the CADCAM designer.



5 Manufacture

Manufacture of the **definitive final restoration**.

In-house: Use Variobase for a ti-base restoration or pre-milled abutment blanks (PMAB) to create custom abutments in house

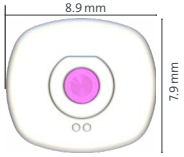
Central: Outsource manufacturing or design and manufacturing of custom abutments to Straumann UN!Q service.

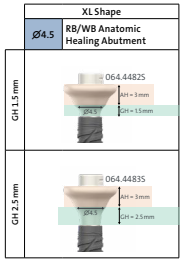
*Please ask your local Straumann representative for the local availability of UN!Q Custom Abutments services.

4 shapes designed according to typical tooth shapes in specific areas of the dentition.

Molar

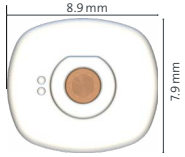
XL Shape with RB/WB connection

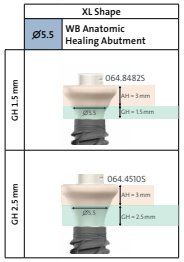


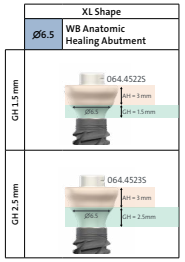


Molar

XL Shape with WB connection

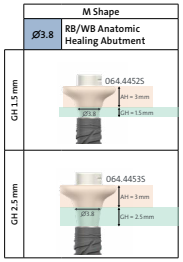






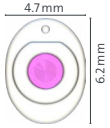
Premolar

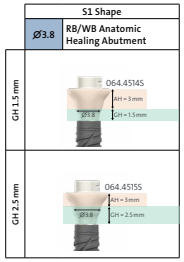
M Shape with RB/WB connection



Lateral upper, Lower incisor

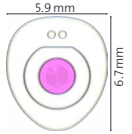
S1 Shape with RB/WB connection

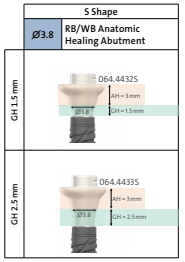




Central incisor

S Shape with RB/WB connection





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