



Straumann® BLX Implant System

# Consistent Emergence Profiles™ and Healing Abutment selection



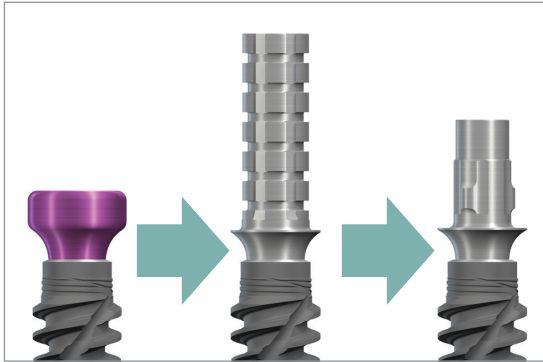
# Table of Contents

<b>1. Straumann® BLX Implant System – Healing Abutments</b>	<b>3</b>
1.1 Consistent Emergence Profiles™	3
1.2 Healing abutment height	3
1.3 Healing abutment color code	3
<b>2. Overview of matching emergence profiles</b>	<b>4</b>
2.1 Follow the Consistent Emergence Profiles™ concept	4
<b>3. Always communicate the selected healing abutment to the dental lab</b>	<b>6</b>
3.1 RB/WB Healing Abutment for Single Crown	6
3.2 WB Healing Abutment for Single Crown	6
3.3 RB/WB Healing Abutment for Bridge/Bar	6
3.4 Important considerations for Variobase® for Bridge/Bar and WB Healing Abutments	7
<b>4. Final abutment cannot be seated. What went wrong?</b>	<b>8</b>
4.1 Single crown: WB Variobase® cannot be seated!	8
4.2 Bridge/Bar restoration: Variobase® for Bridge/Bar cannot be seated!	9



# 1. Straumann® BLX Implant System – Healing Abutments

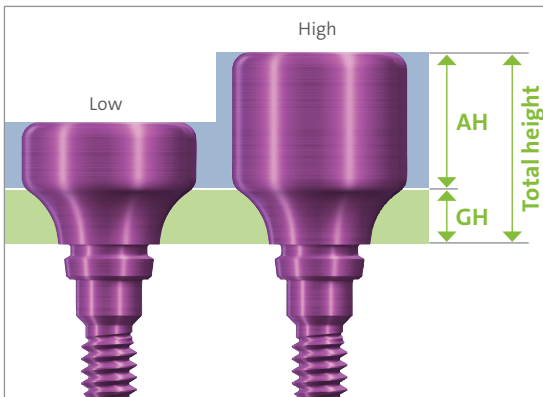
## 1.1 Consistent Emergence Profiles™



Esthetic results are determined by successful soft tissue management. To optimize the soft tissue management process, all healing abutments, temporary abutments and final abutments feature Consistent Emergence Profiles™. Thus, the emergence profiles are uniform throughout the treatment process. (pages 4 and 5)

The first step is to select the healing abutment. This guide provides specifications and tips for selecting healing abutments to help you get the most out of the Consistent Emergence Profiles™ concept.

## 1.2 Healing abutment height



The total height of a BLX Healing Abutment consists of two parts:

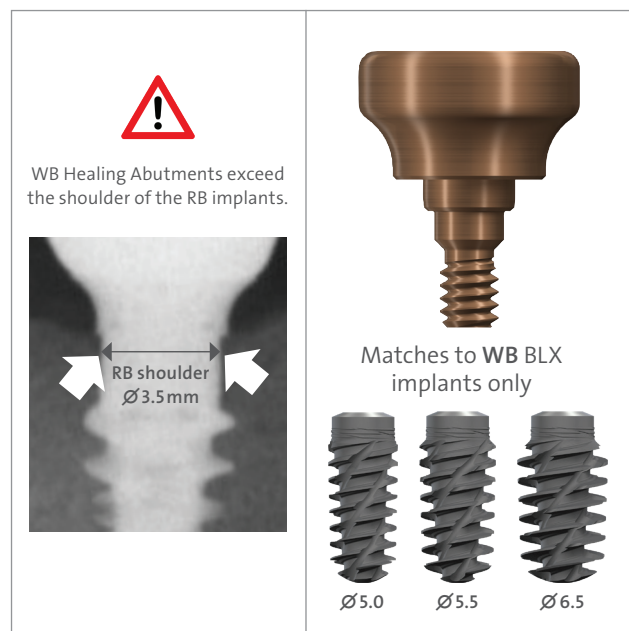
- **Gingiva Height (GH):** Emerging part of the abutment, available in heights of 0.75 mm to 3.5 mm. Uniform profile throughout the BLX prosthetic portfolio.
- **Abutment Height (AH):** Cylindrical part of the abutment, available in two heights - 2 mm (low) or 4 mm (high).

## 1.3 Healing abutment color code

RB/WB Healing Abutments







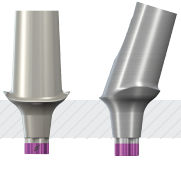



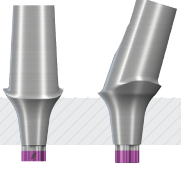


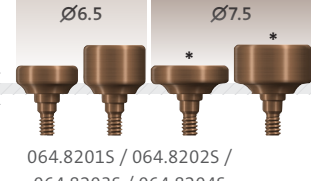











WB Healing Abutments



# 2. Overview of matching emergence profiles

## 2.1 Follow the Consistent Emergence Profiles™ concept

Crowns		Healing Abutments for Crown*	Temporary Abutments for Crown	Final Abutments	
Final Abutment Ø3.8 mm	Gingiva Height GH 1.5 mm	 064.4202S / 064.4203S	 064.4362	 062.4934 062.4981	 062.4521 062.4410
	Gingiva Height GH 2.5 mm	 064.4204S / 064.4205S	 064.4363	 062.4935	 062.4522
	Gingiva Height GH 3.5 mm	 064.4206S / 064.4207S	 064.4364	 062.4936	 062.4523
	Gingiva Height GH 1.5 mm	 064.4212S / 064.4213S	 064.4372	 062.4944 062.4972 062.4982	 062.4722S 062.4420
	Gingiva Height GH 2.5 mm	 064.4214S / 064.4215S	 064.4373	 062.4945	 062.4723S
	Gingiva Height GH 3.5 mm	 064.4216S / 064.4217S	 064.4374	 062.4946	 062.4724S

Crowns		Healing Abutments for Crown*	Temporary Abutments for Crown	Final Abutments
<b>Final Abutment</b> <b>Ø6.0 mm</b> 	<b>Gingiva Height</b>  GH 2.5 mm	 064.4224S / 064.4225S 064.4234S / 064.4235S	 064.4382	 062.4103 / 062.4153
	<b>Gingiva Height</b>  GH 3.5 mm	 064.4226S / 064.4227S 064.4236S / 064.4237S	 064.4383	 062.4104 / 062.4154
<b>Final Abutment</b> <b>Ø5.5 mm</b> 	<b>Gingiva Height</b>  GH 0.75 mm	 064.8201S / 064.8202S / 064.8203S / 064.8204S	 064.4391	 062.4953
	<b>Gingiva Height</b>  GH 1.5 mm	 064.8212S / 064.8213S / 064.8214S / 064.8215S	 064.4392	 062.4954 / 062.4971 / 062.4983 / 062.8410
Bridges		Healing Abutments for Bridges	Temporary Abutments for Bridges	Final Abutments Bridges
<b>Final Abutment</b> <b>Ø4.5 mm</b> 	<b>Gingiva Height</b>  GH 1.5 mm	 064.4232S / 064.4233S	 064.4352	 062.4961 / 062.4430

\* Healing abutments with same consistent emergence profile (CEP) and different final diameter.

# 3. Always communicate the selected healing abutment to the dental lab

The BLX Healing Abutment selection determines the available options for the final restoration. Therefore, always communicate the implant diameter and the selected healing abutment to the restoring dentist or dental lab in order to facilitate the appropriate final abutment selection. Two situations in which a final abutment cannot be placed are described on pages 8 and 9.

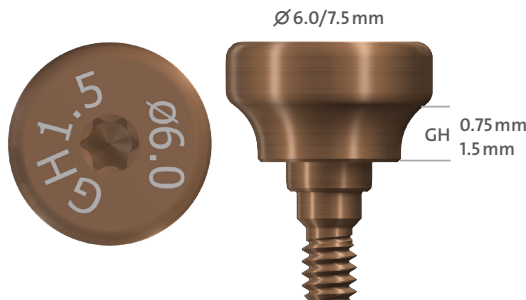
## 3.1 RB/WB Healing Abutment for Single Crown



Single-unit Crown			
	RB/WB Variabase®	RB/WB CARES® Abutment	WB Abutment
Multi-unit Bridge/Bar			
	RB/WB Variabase® for Bridge/Bar	Screw-retained Abutment	Novaloc®

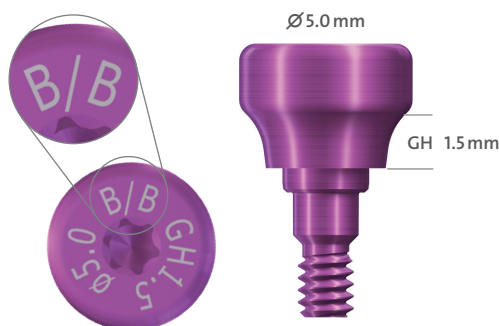
## 3.2 WB Healing Abutment for Single Crown

on WB BLX implants only



Single-unit Crown			
	RB/WB Variabase®	RB/WB CARES® Abutment	WB Abutment
Multi-unit Bridge/Bar			
	RB/WB Variabase® for Bridge/Bar	Screw-retained Abutment	Novaloc®

## 3.3 RB/WB Healing Abutment for Bridge/Bar

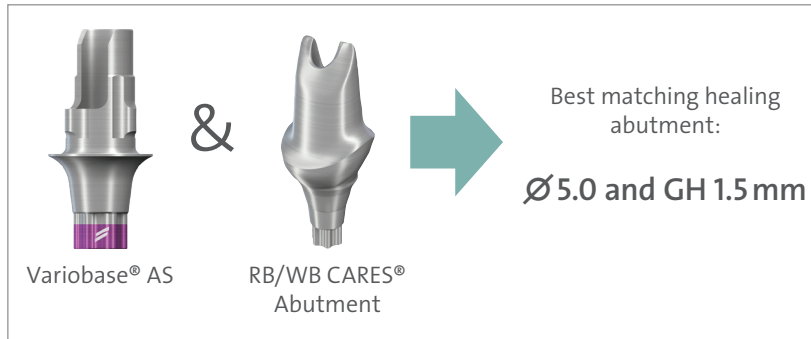


Single-unit Crown			
	RB/WB Variabase®	RB/WB CARES® Abutment	WB Abutment
Multi-unit Bridge/Bar			
	RB/WB Variabase® for Bridge/Bar	Screw-retained Abutment	Novaloc®

B/B: Bridge/Bar



### 3.4 Important considerations for Healing Abutment Selection



GH	AH	Total height	Healing Abutments Ø					
			RB/WB				WB	
			Ø 4.0	Ø 5.0	Ø 6.5	Ø 7.5	Ø 6.0	Ø 7.5
0.75 mm	low (+2 mm)	2.75 mm	-	-	-	-	064.8201S	064.8203S
	high (+4 mm)	4.75 mm	-	-	-	-	064.8202S	064.8204S
1.5 mm	low (+2 mm)	3.5 mm	064.4202S*	064.4212S	064.4222S	-	064.8212S	064.8214S
	high (+4 mm)	5.5 mm	064.4203S	064.4213S	064.4223S	-	064.8213S	064.8215S
2.5 mm	low (+2 mm)	4.5 mm	064.4204S*	064.4214S*	064.4224S	064.4234S	-	-
	high (+4 mm)	6.5 mm	064.4205S	064.4215S	064.4225S	064.4235S	-	-
3.5 mm	low (+2 mm)	5.5 mm	064.4206S	064.4216S	064.4226S	064.4236S	-	-
	high (+4 mm)	7.5 mm	064.4207S	064.4217S	064.4227S	064.4237S	-	-

\* the three most popular healing abutments

#### Subcrestal implant placement

GH 1.5 mm (Incorrect) vs GH 3.5 mm (Correct)

Ø 5.0 mm vs Ø 5.0 mm

Ø 3.5 mm vs Ø 3.5 mm

Consider healing abutments with a high gingiva height

**!** For Variobase® AS and Bridge/Bar Abutments with a GH of 1.5 mm only, the Bone Profiler must be used\*

\* BL Bone Profiler 1 (026.0022) with BLX Guiding Cylinder for Bone Profiler (066.0025S). For more information refer to Straumann® Bone Profiler, Instructions for Use (701713).

#### Bridge/Bar Healing Abutment

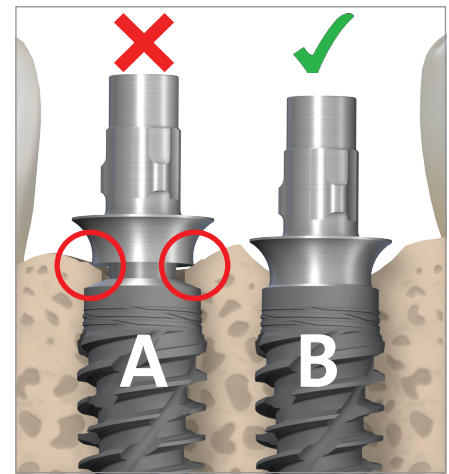
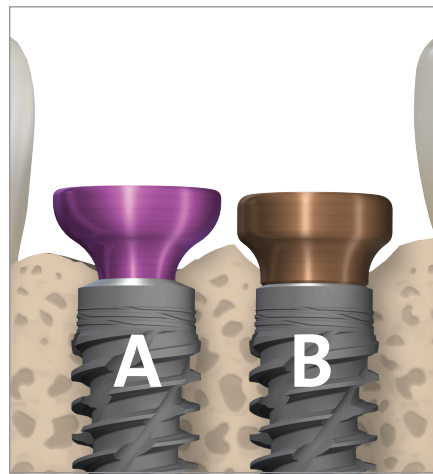
1.5 mm	low (+2 mm)	3.5 mm	064.4232S
	high (+4 mm)	5.5 mm	064.4233S

For bridge reconstructions use dedicated healing abutments and temporary abutments to ensure appropriate protection of the implant shoulder during the healing phase

RB/WB Healing Abutment Bridge/Bar      RB/WB Temporary Abutment for Bridge/Bar (064.4352)

# 4. Final abutment cannot be seated. What went wrong?

## 4.1 Single crown: WB Variobase® cannot be seated!



**A** BLX Implant with a RB/WB Healing Abutment (magenta) has been used



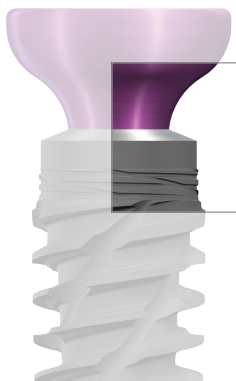
A WB Variobase® cannot be seated properly due to bone covering the implant shoulder

**B** BLX Implant with a WB Healing Abutment (brown) has been used



A WB Variobase® can be seated since the implant shoulder was properly protected by the appropriate WB Healing Abutment during the healing phase

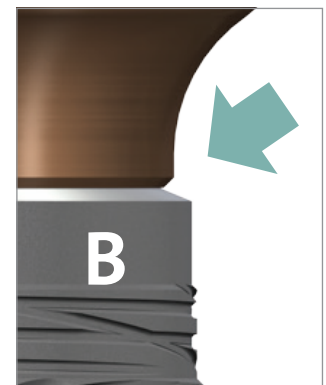
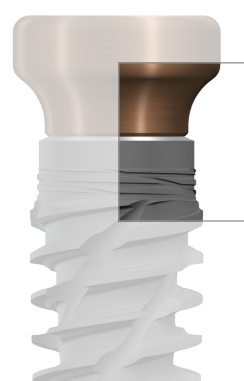
RB/WB Healing Abutment for Single Crown



- Emerges from  $\varnothing 2.9$  mm
- No protection of outer shoulder



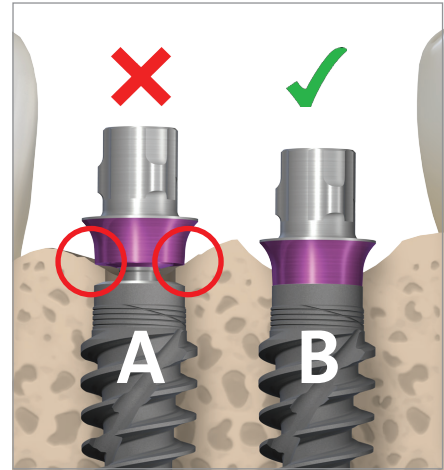
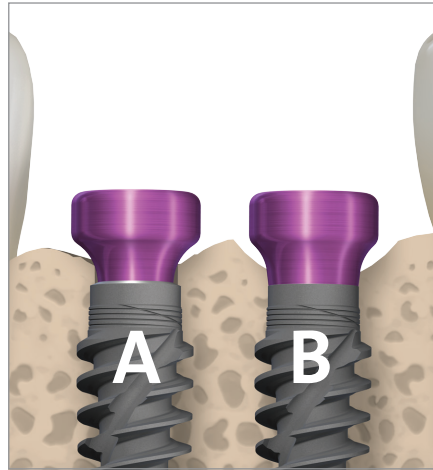
WB Healing Abutment for Bridge/Bar



- Emerges from  $\varnothing 4.0$  mm
- Protection of outer shoulder of WB implants



## 4.2 Bridge/Bar restoration: Variobase® for Bridge/Bar cannot be seated!



**A** BLX Implant with a Healing Abutment for Single Crown has been used



A Variobase® for Bridge/Bar **cannot be seated properly** due to bone covering the implant shoulder

**B** BLX Implant with a Healing Abutment for Bridge/Bar has been used



A Variobase® for Bridge/Bar can be seated since the implant shoulder was properly protected by the appropriate HA for Bridge/Bar during the healing phase

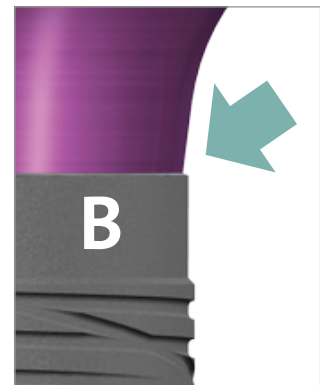
RB/WB Healing Abutment for Single Crown



- Emerges from  $\varnothing 2.9$  mm
- No protection of outer shoulder



RB/WB Healing Abutment for Bridge/Bar



- Emerges from  $\varnothing 3.4$  mm
- Protection of outer shoulder



---

**Straumann North American Headquarters**

[ifu.straumann.com](http://ifu.straumann.com)

Straumann USA, LLC

60 Minuteman Road

Andover, MA 01810

Phone 800/448 8168 (US) ☎ 800/363 4024 (CA)

Fax 978/747 2490

[www.straumann.us](http://www.straumann.us) ☎ [www.straumann.ca](http://www.straumann.ca)

---

© Straumann USA, LLC 2021. All rights reserved.

Straumann® and/or other trademarks and logos from Straumann® that are mentioned herein are the trademarks or registered trademarks of Straumann Holding AG and/or its affiliates. All rights reserved.