

PROSTHETIC EFFICIENCY

STRAUMANN® VARIOBASE®

Beyond a common Ti-base.
Efficiency and flexibility in one.





SATISFY INDIVIDUAL PATIENT NEEDS IN THE MOST **EFFICIENT** WAY.

Balance restorative flexibility and efficient production to reach peak performance.

Variobase® is Straumann's efficient yet flexible Ti-Base concept offering an unequaled range of restorative options.

Whether it's Bone Level or Tissue Level prosthetics, we designed each solution to meet the needs of the respective implant system, with Straumann expertise and quality built in. Easy handling procedures like the Cementation Aid aim to simplify your work and provide the best possible fit of the restoration on the abutment.



FLEXIBLE

Choose from an unequaled range of indications and materials



EFFICIENT

One concept covers individual needs. Use your preferred workflow for design and production

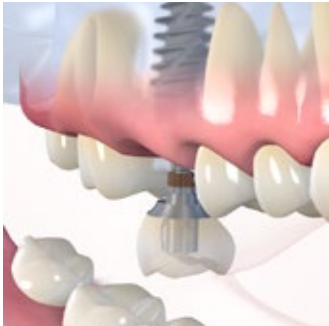



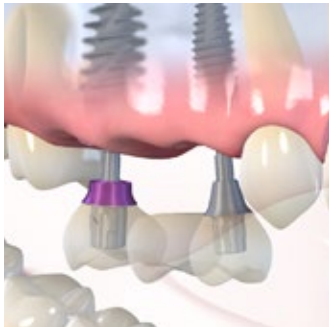

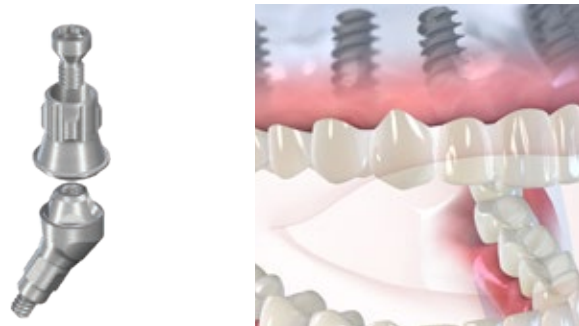


RELIABLE

Rely on high quality design and the use of original Straumann® components

CHOOSE FROM AN UNEQUALED RANGE OF RESTORATIVE OPTIONS

Find your prosthetic solution for the clinical situation:

	Posterior region		Anterior region (esthetic)	
Single-unit screw- and cement-retained	 <p>Variobase® for Crown with gingiva height 1mm synOcta® and CrossFit®, TorcFit™ gingiva height RB/WB 1.5mm and WB 0.75 and 1.5mm</p>	 <p>BL Variobase® for Crown with gingiva heights 2mm and 3mm synOcta® and CrossFit®, gingiva heights 2.5mm and 3.5mm TorcFit™</p>	 <p>Variobase® for Crown AS (Angled Solution)</p>	 <p>SC Variobase® for Crown (for the 2.9 mm diameter implant)</p>
Multi-unit screw-retained	 <p>Variobase® for Bridge/Bar Cylindrical</p>			
Edentulous fixed	 <p>Variobase® for Bridge/Bar Cylindrical Coping on Screw-retained Abutment</p>		 <p>Variobase® for Bridge/Bar Cylindrical Coping on Screw-retained Abutment</p>	

USE YOUR PREFERRED WORKFLOW:

CONVENTIONAL



Burn-out coping



FINAL RESTORATION

DIGITAL



Inhouse milling

Centralized milling

Chairside

X-STREAM™

X-Stream™ bundles abutments (cemented and screw-retained) and restoration in one offer. First you choose the abutment and design the respective restoration in one step. This can be for example a Variobase® abutment and crown. Next Straumann will mill these prosthetic components in its centralized milling center and finally deliver everything in one package. Optimized processing steps greatly reduce turnaround time and related costs: 1 scan, 1 design, 1 delivery.



STRAUMANN® VARIOBASE® PORTFOLIO AT A GLANCE

Choose from single-tooth to fully edentulous indications, find efficient solutions for straightforward or more demanding esthetic cases, and opt for a cement- or screw-retained fixation. For design and production, you can use your preferred workflow, either conventional or digital.



STRAUMANN® VARIOBASE® FOR CROWN

- Maximum design flexibility
- Strong retention of the restoration
- Satisfy more demanding esthetic needs

STRAUMANN® VARIOBASE® FOR CROWN AS (ANGLED SOLUTION)

- Screw-channel angulation of up to 25°
- Uncompromised esthetics in the anterior region with screw-hole placed lingually
- Change channel position to improve driver access and functionality in the posterior zone

STRAUMANN® VARIOBASE® C

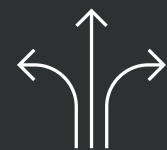
- Abutment design makes the difference
- Fully leverage chairside implant-borne workflow
- Original Straumann® implant-abutment interface

STRAUMANN® VARIOBASE® FOR BRIDGE/BAR CYLINDRICAL

- Maximum design flexibility
- Easy cementation procedure with Cementation Aid
- Strong retention of the restoration

STRAUMANN® VARIOBASE® FOR CROWN

Extended restorative options with maximum design flexibility. Especially designed for straightforward single-unit restorations in posterior and anterior regions.



MAXIMUM DESIGN FLEXIBILITY

- Minimal abutment height of 3.5 mm
- Two abutment heights available: 3.5 mm and 5.5 mm
- Customizable abutment height from 5.5 mm down to 3.5 mm



STRONG RETENTION OF THE RESTORATION

- Exact seating and rotational lock of the restoration thanks to engaging mechanism
- Designed for easy bonding
- Enlarged gluing surface



SATISFY ESTHETIC NEEDS

- Bone Level options come in gingiva heights of 1, 2 and 3 mm
- SC Variobase® for Crown is especially developed for the 2.9 mm implant system

- 1 Engaging mechanism
- 2 Three Gingiva heights for Bone Level Implant System
- 3 Original Straumann® connection
- 4 Customizable abutment height*



Engaging mechanism



Abutment heights 3.5 mm and 5.5 mm



Gingiva heights 1 mm, 2 mm, 3 mm

* For Bone Level Implants: 2 abutments heights 3.5 mm and 5.5 mm
For BLX/BLC Implants: Customizable abutment height from 5.5 mm to 3.5 mm digitally

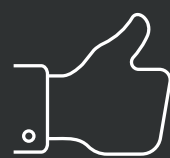
VARIOBASE® FOR CROWN AS (ANGLED SOLUTION)

New angles for uncompromised esthetics and easy access. Variobase® for Crown AS is the solution for screw-retained single-tooth restorations.



UNCOMPROMISED ESTHETICS

- Esthetic, screw-retained restorations with a screw channel angulation of up to 25 degrees
- Flexible, prosthetic-driven implant placement



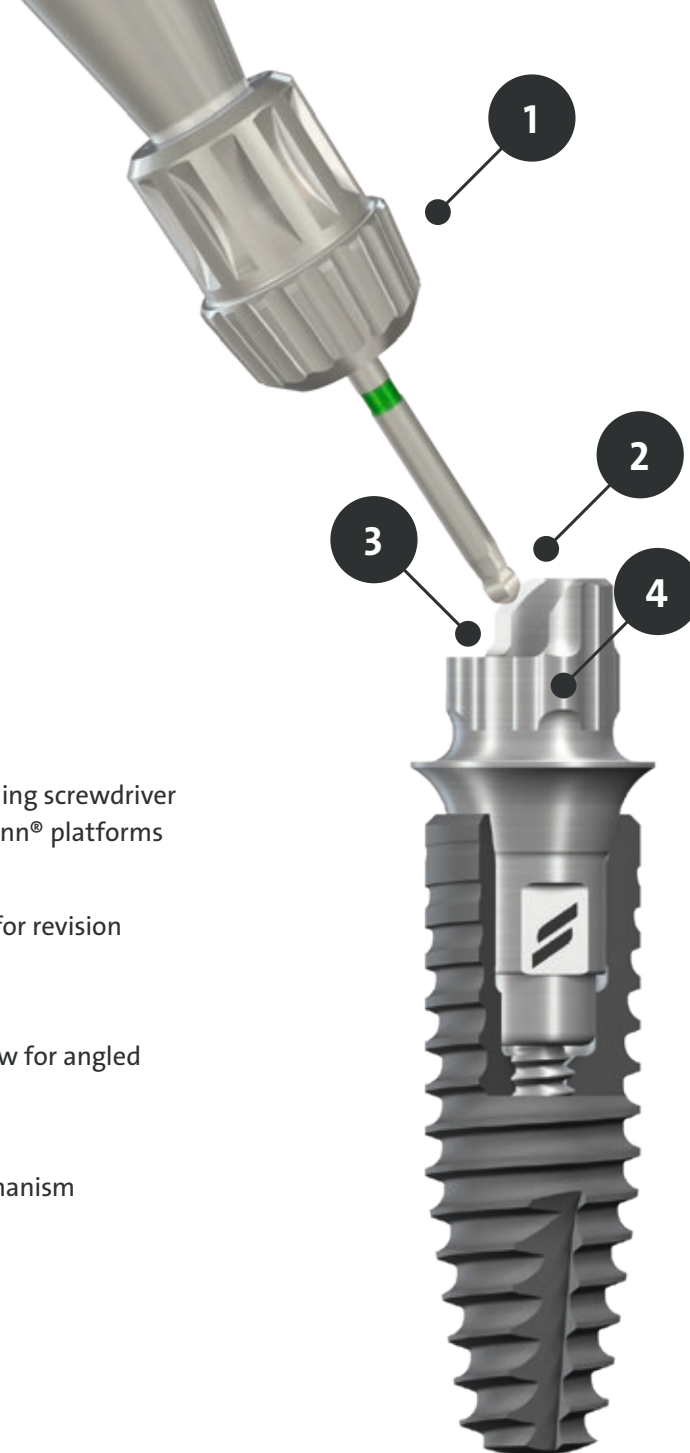
EASY ACCESS AND HIGH FUNCTIONALITY

- Dedicated self-retaining screwdriver for Angled Solutions (color-coded in green)
- Simple access for revision procedures
- Ideal position of screw channel exit to achieve strength and longevity



RELIABLE OPTION FOR SCREW-RETAINED RESTORATIONS

- More space for the restoration thanks to a small screw channel diameter
- Reduce risk of chipping by changing channel to ideal position for function
- Strong retention of the restoration due to the well-known and market-proven Variobase® chimney design



- 1 One self-retaining screwdriver for all Straumann® platforms
- 2 Simple access for revision procedures
- 3 Cut-out window for angled screw channel
- 4 Engaging mechanism



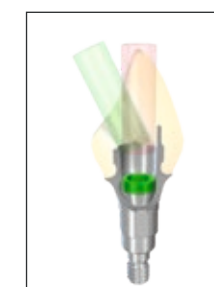
Engaging mechanism



5.5 mm chimney height with option to reduce to 3.5 mm*



Rotating tool for easy handling



Screw channel angulation of up to 25 degrees possible

* For the digital workflow the abutment height cannot be tailored when the implant kit is used

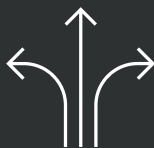
STRAUMANN® VARIOBASE® C

The original Straumann® Ti-Base option for your chairside workflow. Restore your implant cases in a remarkably quick and efficient way with the chairside workflow for implant-borne prosthetics.



ABUTMENT DESIGN MAKES THE DIFFERENCE

- Optimize the emergence profile by selecting from multiple gingival height options
- Concave collar designed for easy cleaning
- Bone Level NC comes with a reduced platform diameter, from 4.5 mm down to 3.8 mm



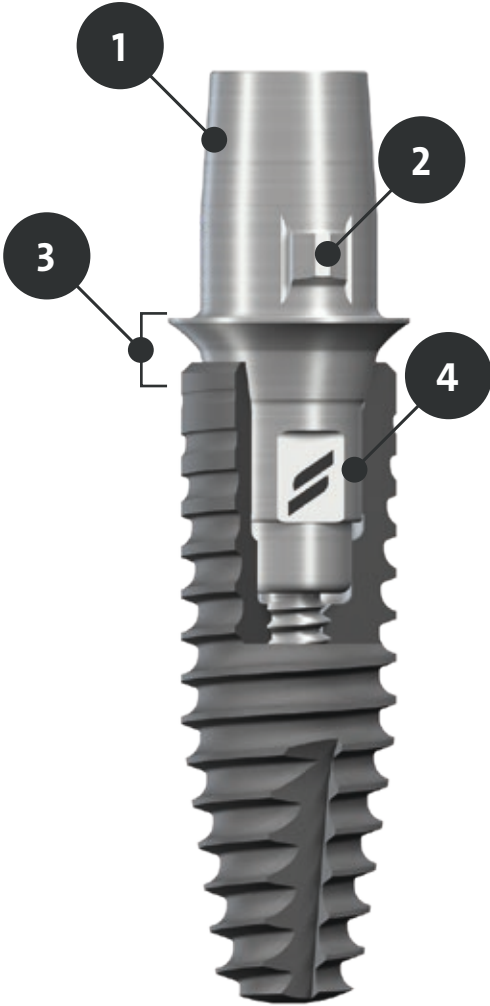
FULLY LEVERAGE CHAIRSIDE IMPLANT-BORNE WORKFLOW

- Integrated in Sirona's software libraries
- Chimney design is compatible with the Sirona® Scanbody, Sirona® ScanPost® and the material blocks with pre-fabricated screw hole



ORIGINAL STRAUMANN® IMPLANT-ABUTMENT INTERFACE

- Perfectly matching components^{1,2}
- Reliability through proven long clinical evidence
- Excellent service and support



- 1 Chimney design is compatible with Sirona's CAD/CAM workflow
- 2 One retention element for the restoration
- 3 Gingiva height 1 mm for Bone Level RC and NC and 1.5 mm / 2.5 mm / 3.5 mm for BLX / BLC RB/WB and WB
- 4 Original Straumann® implant connection

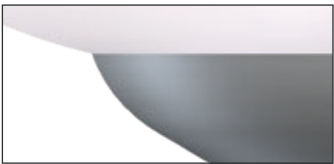
2 chimney sizes "S" and "L" are available to better fit the implant diameter

Optimized emergence profile

- Concave collar design
- Designed to support the best possible esthetic outcome



Concave collar design of the Variobase® C for Straumann® Bone Level and BLX Implants



Convex collar design for a third-party Ti-base for CEREC® that is claimed to be compatible with Straumann® Bone Level Implants

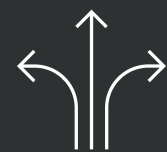
Select the components depending on the chimney size to ensure a smooth design and fabrication workflow as well as the optimal fit of the final restoration.

	Variobase® C			Auxiliaries		
	Platform	Diameter Ø	Chimney size	Sirona® Scanbody size	Sirona® ScanPost®	Size of pre-fabricated screw-hole in material block
Tissue Level	NNC	3.9 mm	S	S	Not available	S
	RN	5 mm	L	L	Sirona® Scanpost® SSO 4.8 L	L
	WN	7 mm	L	L	Sirona® Scanpost® SSO 6.5 L	L
TLX / TLC	NT	3.5 mm	S	S	Straumann® Scanpost® S BL 3.3 L*	S
	RT	4.8 mm	L	L	Straumann® Scanpost® 065.0038*	S
	WT	6.5 mm	L	L	Straumann® Scanpost® 065.0038*	L
Bone Level	NC	3.8 mm	S	S	Sirona® Scanpost® 065.0038*	L
	RC	4.6 mm	L	L	Sirona® Scanpost® S BL 4.1 L	L
	RB/WB	3.8 mm	S	S	Straumann® Scanpost® 065.0038	S
BLX / BLC	RB/WB	4.5 mm	L	L	Straumann® Scanpost® 065.0038*	L
	WB	5.5 mm	L	L	Straumann® Scanpost® 065.0038*	L

* Please use Scanbody size L when using Sirona® ScanPost® for scanning.

STRAUMANN® VARIOBASE® FOR BRIDGE/BAR CYLINDRICAL

Maximum design flexibility and easy cementation procedure. For multi-unit restorations of straight and tilted* Straumann implants.



MAXIMUM DESIGN FLEXIBILITY

- Versatile bridge and bar restorative options thanks to the non-engaging conical shape to the implant
- Minimal abutment height of 3.5 mm
- Copings on screw-retained abutments for edentulous cases**



EASY CEMENTATION PROCEDURE

- Cementation Aid for a fast and simplified cementation procedure
- Evenly distributed cement layer



STRONG RETENTION OF THE RESTORATION

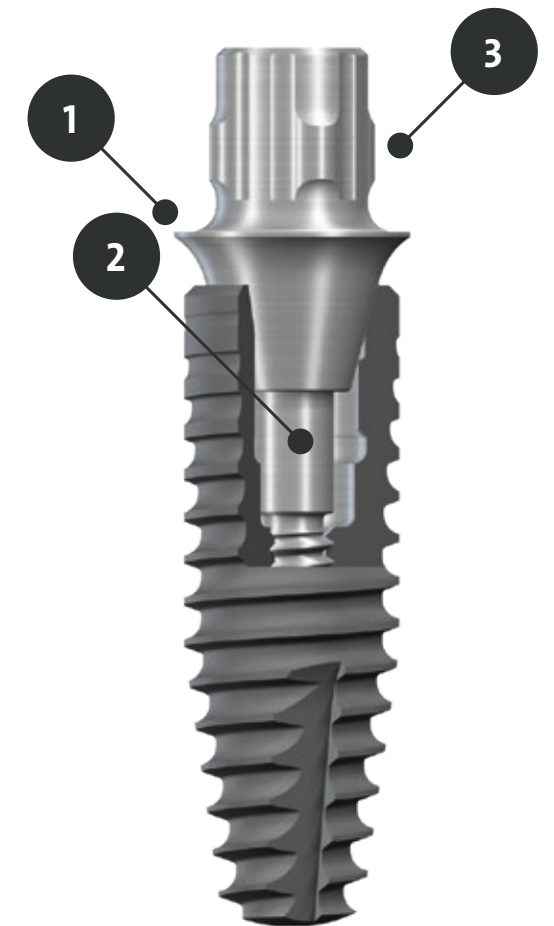
- Well-known and market-proven Variobase® chimney design
- Long-term stability and passive fit thanks to the reference edge

* Variobase® for Bridge/Bar Cylindrical can be used to compensate for up to 30° between two implants; Variobase® for Bridge/Bar Cylindrical Copings can be used in combination with Straumann® Screw-retained Abutments to compensate for larger divergences.

** For more detailed information on the Pro Arch restorative option please refer to brochures 490.014 and 490.015

- 1 Reference edge for long-term stability and passive fit
- 2 Non-engaging conical shape
- 3 Strong retention thanks to the well-known and market-proven Variobase® chimney design and engaging mechanism

Cementation Aid – unique free of charge helping tool for dental labs. The Cementation Aid is specifically developed for the Variobase® for Bridge/Bar Cylindrical. It supports a fast and simple cementation procedure with a better outcome even for highly tilted implants.



- 1 Laser marked for easy identification
- 2 Access hole to apply cement
- 3 Two fins to seal the screw channel

REFERENCES

1 Park et al. An In Vitro Evaluation of the Loosening of Different Interchangeable Abutments in InternalConnection-Type Implants. Int J Oral Maxillofac Implants. 2017; 32:350-355. **2** Results for Straumann abutments on Straumann implants are statistically different from those with non-original parts.



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