

STEP-BY-STEP INSTRUCTIONS FOR **NON-MODIFIED SOLID ABUTMENTS**

To complete the following procedure, you will need:

Instruments *(refer to back for size options)*

SCS screwdriver (046.401)



Ratchet (046.119)



Solid abutment driver (046.068)



Torque control device (046.049)



Holding key (046.064)



Components *(refer to back for size options)*

Solid abutment (048.540)



Impression set (040.381)



Temporary coping, crown (048.655)



Protective cap (048.047V4)



Burn-out coping, crown (048.245)



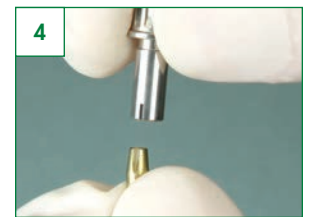
1 Remove any debris from head of healing cap.



2 Use a SCS screwdriver to loosen, lift, and remove healing cap.



3 Clean and dry the internal ratchet of the implant.



4 Align groove of RN solid abutment with line on driver shaft. Insert abutment into driver.



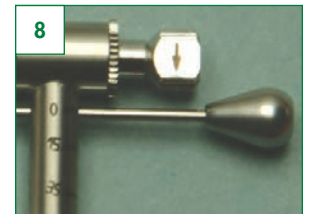
5 Bring abutment to the mouth with driver. **(When inserting WN solid abutments, a SCS screwdriver is used instead.)**



6 Insert abutment into implant. Finger tighten with the driver.



7 Place looped-end of assembled ratchet with torque control device over driver handle.



8 Directional arrow must be pointing **clockwise** (towards torque bar with tear drop). If not, pull arrow out, flip over, and push back in.



9 For stabilization, place pin-end of holding key into coronal hole on driver handle.



10 Use one hand to hold the holding key. Use the other hand to hold the torque bar.



11 Grasp **only** the tear drop and move the torque bar to the 35 Ncm mark.



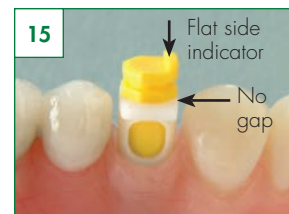
12 Lift and remove the holding key, ratchet with torque control device, and solid abutment driver.



13 Solid abutment is in place and ready for impression. Once the abutment has been torqued in, it should **not** be removed.



14 Snap impression cap onto implant shoulder. Rotate the cap slightly to ensure that it is securely seated.



15 Line up internal flat side of positioning cylinder with flat side of abutment. Positioning cylinder must be **flush** with impression cap when seated.



16 Syringe impression material around positioning cylinder and impression cap.



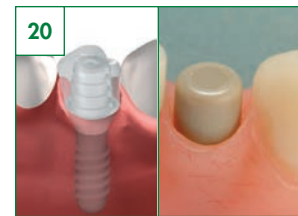
Send impression (with positioning cylinder and impression cap picked up) to the lab.



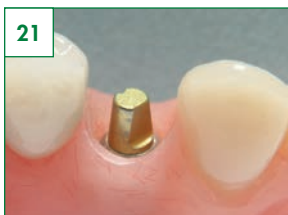
The lab selects a corresponding analog and snaps it into impression. Pour up in stone.



The lab selects the appropriate burn-out coping (crown or bridge) and snaps it onto the analog; trim coronal height of coping as necessary: wax-up, and cast. Use reamer instrument to remove the lip after casting.



After the impression is taken, use the temporary coping to make a custom provisional restoration **or** use the corresponding plastic protective cap, and secure with temporary cement.



After removing the protective cap or provisional crown, remove temporary cement and clean abutment thoroughly.



Use permanent cement to place final crown. Make sure to remove all excess cement.



For more detailed instructions, refer to the brochure "Fixed crown and bridge restorations with the solid abutment system" (USLIT 045).

RN = Regular Neck (Ø 4.8 mm restorative platform)
WN = Wide Neck (Ø 6.5 mm restorative platform)

Important: As with all products that are used intraorally, care must be taken to prevent aspiration. For example, instruments such as screwdrivers should be tied with a ligature.

Instrument options

SCS screwdrivers for ratchet

Extra short (046.400)  Short (046.401)  Long (046.402) 

Solid abutment drivers

Short (046.067)  Long (046.068) 

Component options

Straumann solid abutments and their corresponding positioning cylinders and analogs are color-coded according to height for easy identification. Transfer components come packaged together in impression sets and are also available separately.

Yellow = RN 4.0 mm

Solid abutment (048.540) 

Impression set (040.381) 

Protective cap (048.047V4) 


Green = WN 4.0 mm

Solid abutment (048.545) 

Impression set (040.380) 

Protective cap (048.051) 

Temporary copings (white)

RN, crown (048.655) 

RN, bridge (048.654) 

WN, crown (048.657) 

WN, bridge (048.656) 

Grey = RN 5.5 mm

Solid abutment (048.541) 

Impression set (040.383) 

Protective cap (048.048V4) 


Brown = WN 5.5 mm

Solid abutment (048.546) 

Impression set (040.384) 

Protective cap (048.052) 

Burn-out copings (white)

RN, crown (048.245) 

RN, bridge (048.246) 


WN, crown (048.247) 

WN, bridge (048.248) 

Blue = RN 7.0 mm

Solid abutment (048.542) 

Impression set (040.382) 

Protective cap (048.049V4) 



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