

TAKING AN IMPRESSION WITH THE SYNOCTA® PROSTHETIC SYSTEM

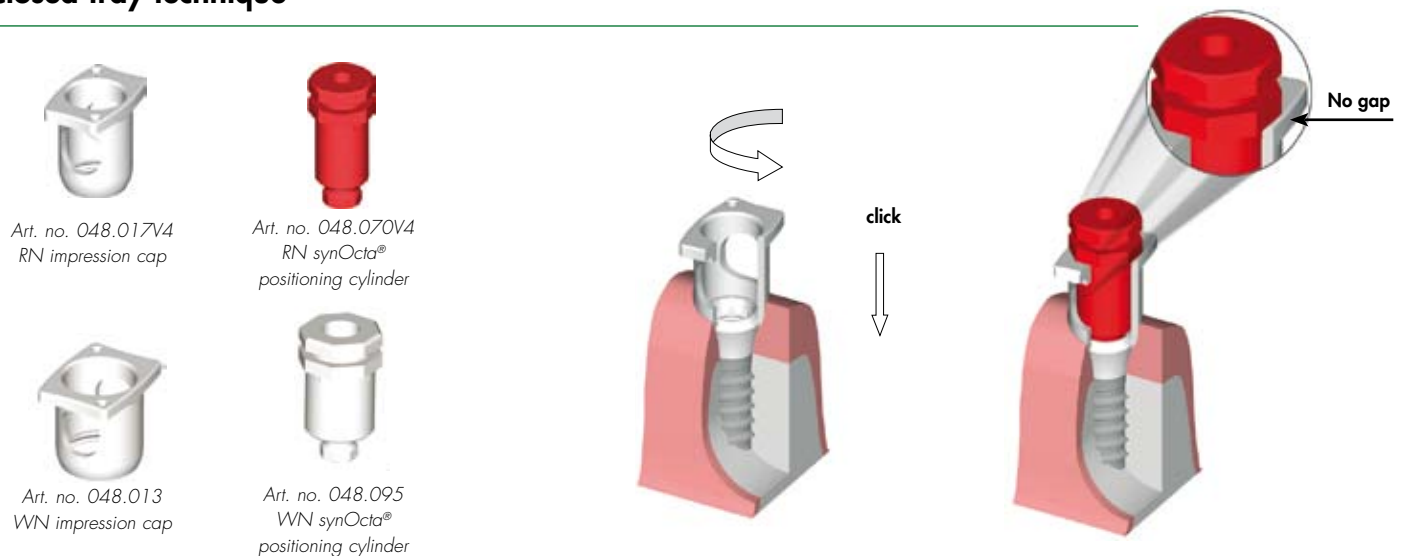
There are two options available for taking an impression:

The **closed tray** technique is regarded as standard procedure for taking an impression and can be used in most cases. The closed tray option allows the impression cap to snap into place.

The **open tray** technique is most advantageous in cases where the implant shoulder is placed very deeply and the gingiva is very close. In this case, the open tray impression procedure allows the impression cap to be screwed tightly and precisely to the implant; loosening of the impression cap following displacement by the gingiva is avoided.

Tip: To ensure accuracy of the impression procedure, do not damage the shoulder or the margin of the impression cap.

Closed tray technique



After removing the healing cap with an SCS screwdriver, clean both the shoulder and the internal configuration of the implant of blood and tissue residue prior to the impression procedure. Push the impression cap onto the implant shoulder until it clicks into place. Gently turn the impression cap to ensure that it is securely seated. When the cap is properly engaged, it can be rotated on the implant.



Next, properly align the octagon of the positioning cylinder with the internal octagon in the implant; then, push the positioning cylinder down into the impression cap as far as it will go. Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber). There should be no gap between the positioning cylinder and impression cap.

The closed tray impression procedure for Wide Neck implants is identical to the procedure for Regular Neck implants.

Open tray technique

A tray with perforations is required for this impression procedure.

After removing the healing cap with an SCS screwdriver, clean both the shoulder and the internal configuration of the implant of blood and tissue residue prior to the impression procedure. Place the impression cap onto the implant shoulder and carefully position the octagon into the implant before tightening the screw. If available space is limited, reduce the occlusal aspect of the cap by one retention ring after removing the guide screw.

The custom-made tray (light-cured resin) contains perforations for the guide screws. Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber). Once cured, loosen the guide screw and remove the impression.

Option: If occlusal space is adequate, the impression can be taken with the open tray RN impression cap with built-in handle (048.090). The impression procedure is the same.



Art. no. 048.010
RN synOcta®
impression cap

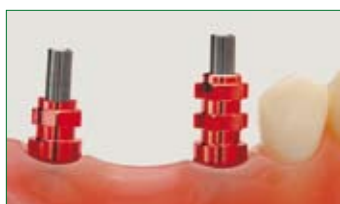


Art. no. 048.090
RN synOcta®
impression cap with
built-in handle



Art. no. 048.091
WN synOcta®
impression cap




The open tray impression procedure for Wide Neck implants is identical to the procedure for Regular Neck implants.



For easy identification, the transfer system is color-coded. The positioning cylinder, analog, and open tray impression caps are all color-coded **red** for Regular Neck implants. The snap-on closed tray impression cap is white. The analog and open tray impression cap are color-coded **grey** for Wide Neck implants. The positioning cylinder and snap-on closed tray impression cap are white.

Instrument options

SCS screwdrivers for ratchet

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

For additional information, refer to the brochure "Crown and bridge restorations with the synOcta® prosthetic system" (USLIT 187).

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.



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