

ESP Kit

Easy Screwmentation Positioner



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Art No. : ESP KIT

① ESP Shaft(2ea)

Screw Hole $\varnothing 2.35 - 2.65$



ESP-S1810



ESP-S1815



ESP-S1820



ESP-S1825



ESP-S1830

*Optional

② ESP Shaft(2ea)

Screw Hole $\varnothing 2.10 - 2.30$



ESP-S1610



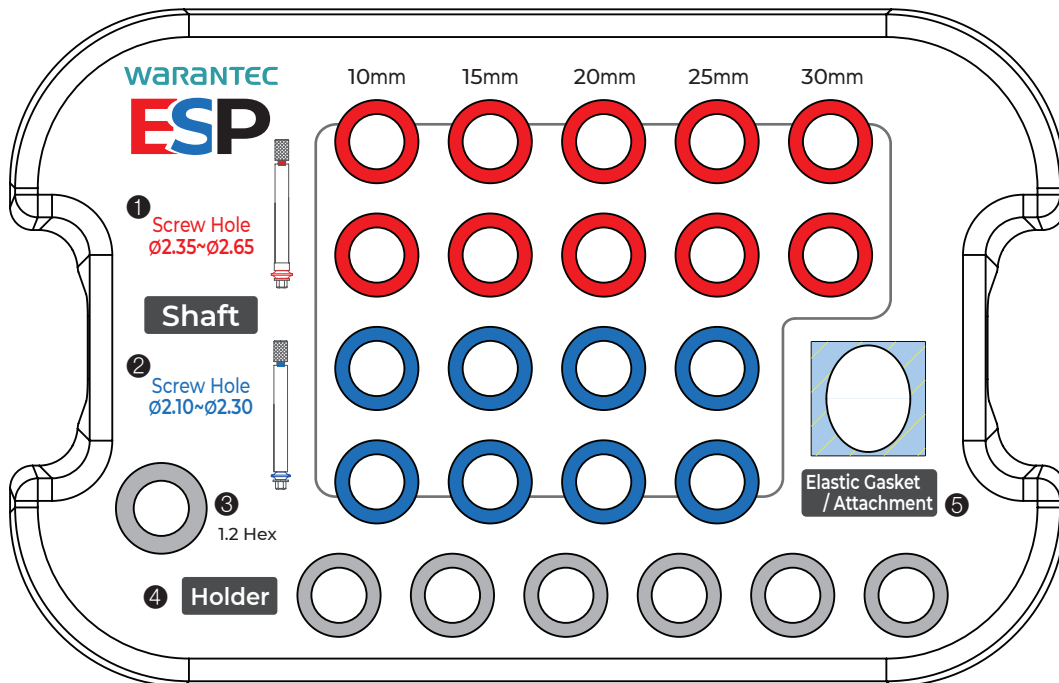
ESP-S1615



ESP-S1620



ESP-S1625



③ 1.2 Hex



HD-TW-S

④ ESP Holder(6 pcs)



ESP-H



O-ring

⑤ Elastic Gasket(3 sets)



ESP-EG18



ESP-EG16

※ Optional

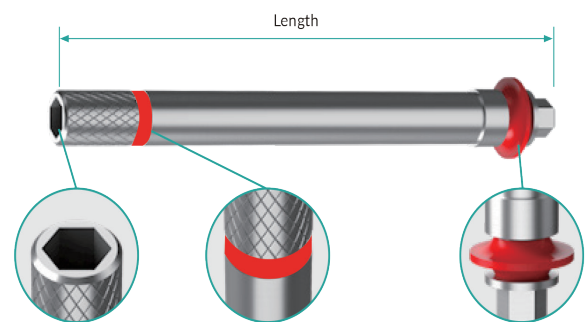


ESP can not only use the SCRP bridge crown intraorally more easily, quickly, and safely, but also enables humidity-free bonding & cementation outside of the mouth. ESP with these characteristics can be a perfect tool for the modelless prosthetic work through digital. It is a tool for the rapid & perfect clean-up of remaining cement. Also, these advantages enable the intraoral cementation, compensating for the inaccuracy generated at the stages of impression taking and the final prosthesis assembly.



ESP Shaft

- Easy handling as the abutment and the crown can be held simultaneously.
- Head part can be used as a hex driver.
- Added the 1.2 hex design on the bottom so the screw can be assembled with a shaft.
- Applied the safety design that makes the head part gets fractured if the torque value exceeds the appropriate (25N) value.
- Assemble by hand using a 1.2 hex driver.
- Recommended tightening torque : 15Ncm



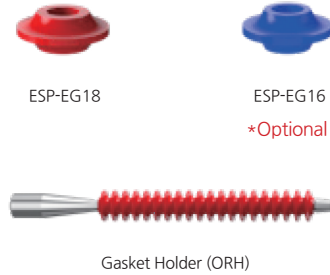
Art. No.	Package Components	Applicable Screw Hole	Length
ESP-S1810		Ø2.35 - 2.65	10
ESP-S1815			15
ESP-S1820			20
ESP-S1825			25
ESP-S1830			30

* Optional

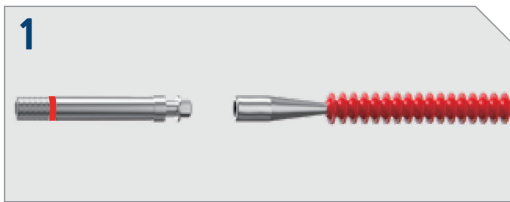
Art. No.	Package Components	Applicable Screw Hole	Length
ESP-S1610		Ø2.10 - 2.30	10
ESP-S1615			15
ESP-S1620			20
ESP-S1625			25

Elastic Gasket

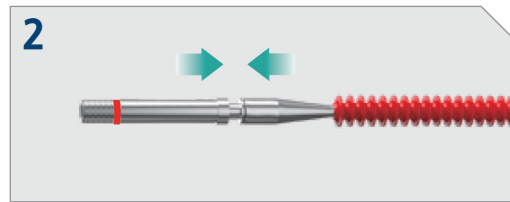
- Fix the abutment by assembling with the shaft.
- Applied the design that can easily remove the remaining cement inside the crown.
- It is a disposable product. Reusing the product may cause a technical problem.
- Easy replacement with gasket holder.



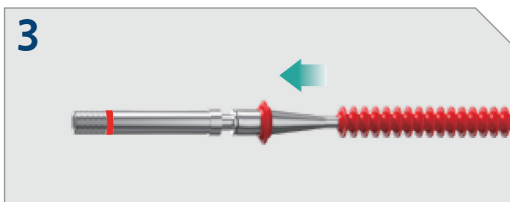
How to Assemble the Elastic Gasket to a Shaft



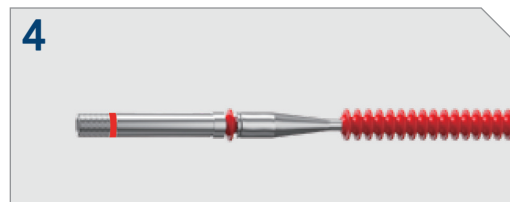
Hold the shaft and the gasket holder.



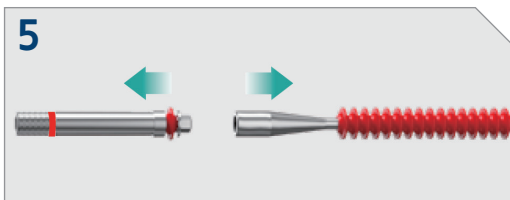
Engage the hex part of a shaft to the cylinder part of the gasket holder.



Move one elastic gasket from the gasket holder to the shaft.



Check if the elastic gasket is placed on the shaft correctly.



Detach the shaft from the gasket holder.

ESP Holder & Hex Driver

ESP Holder

- It fixes the abutment and crown by being combined with the a shaft.
- Use it for Try-in & out.

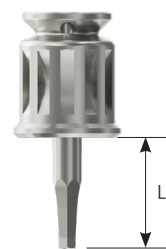


ESP-H



1.2 Hex Driver

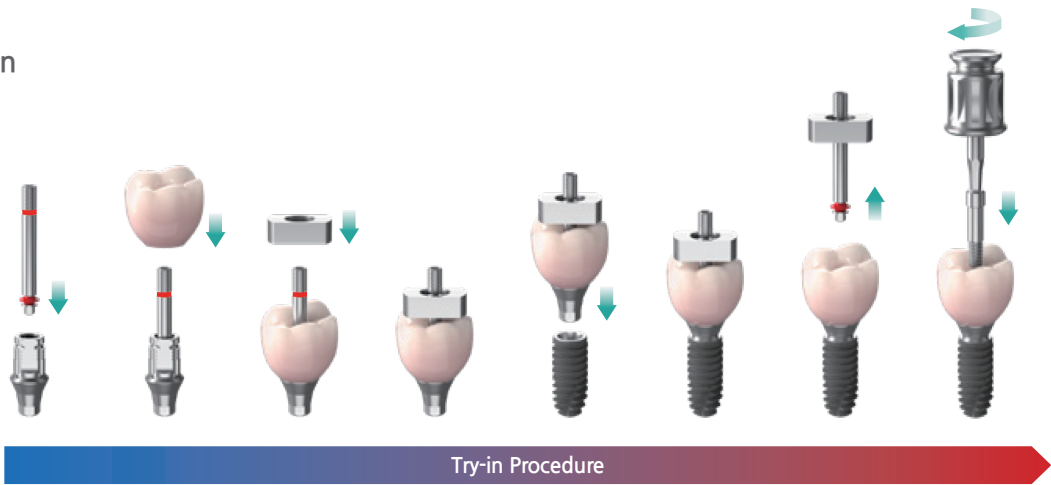
- Use it only with hand force by assembling it with the ESP shaft.
- Lengths of short, long, and extra long drivers are provided for the convenience of the user.
- Package components : hex driver



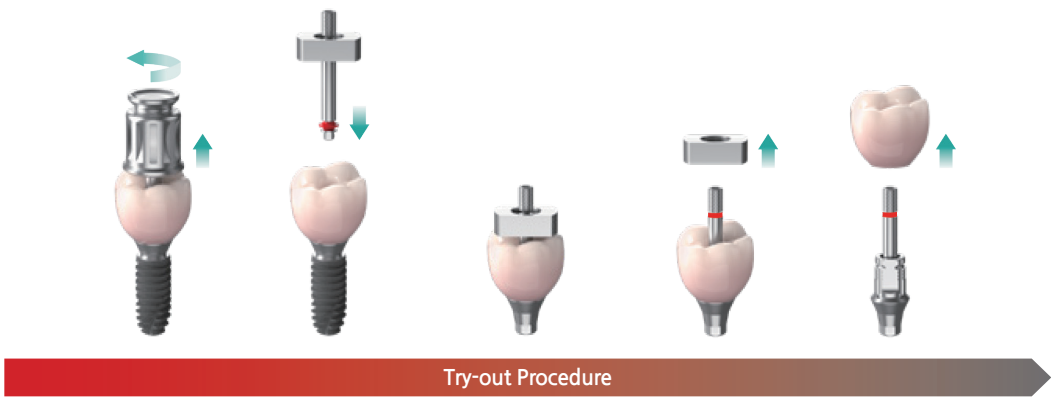
Art No.	Diameter(mm)	Length(mm)
HD-TW-L	1.2	13

Bone Level Protocol

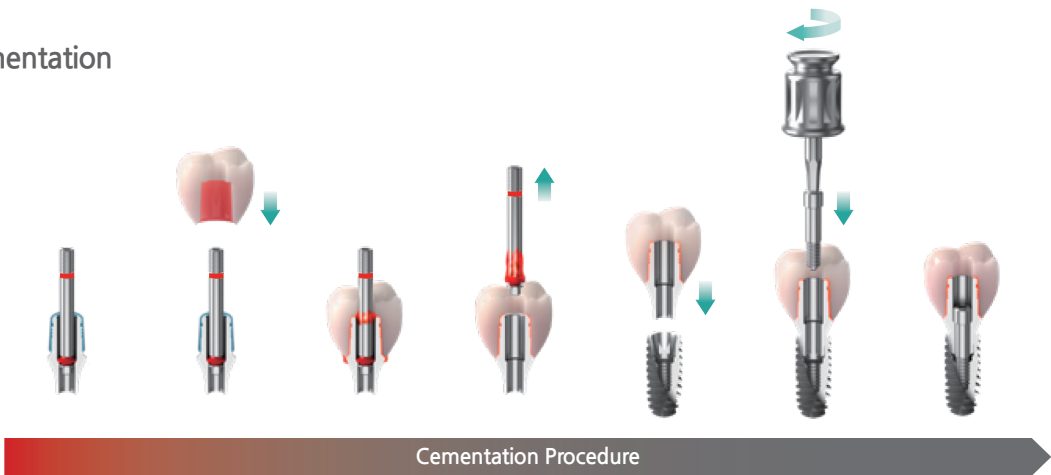
Try-in



Try-out

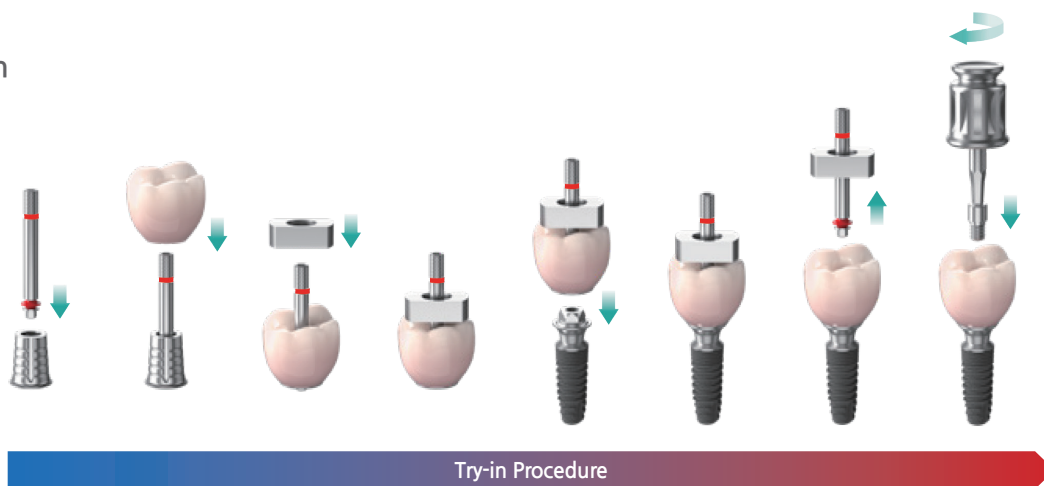


Cementation

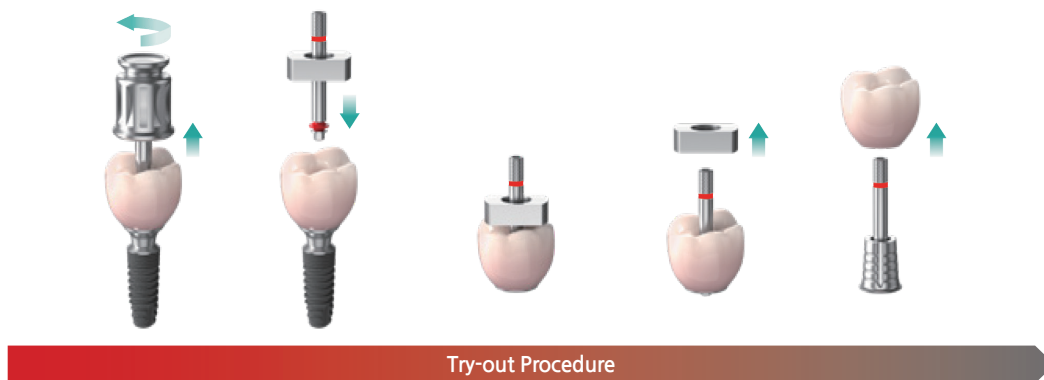


Tissue Level Protocol

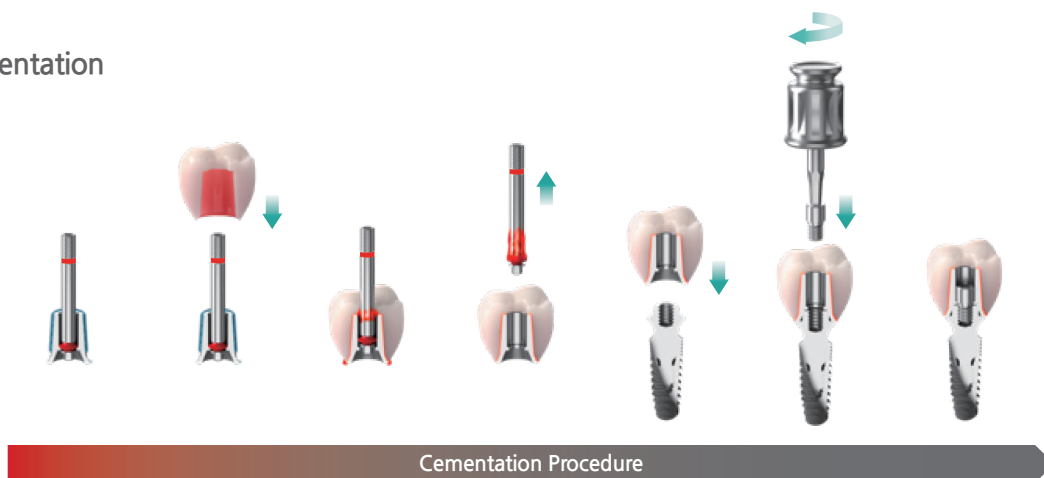
Try-in



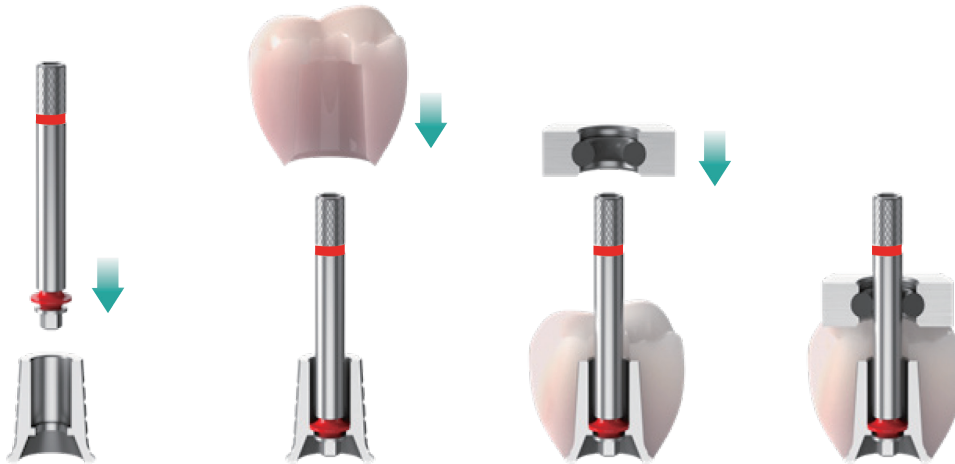
Try-out



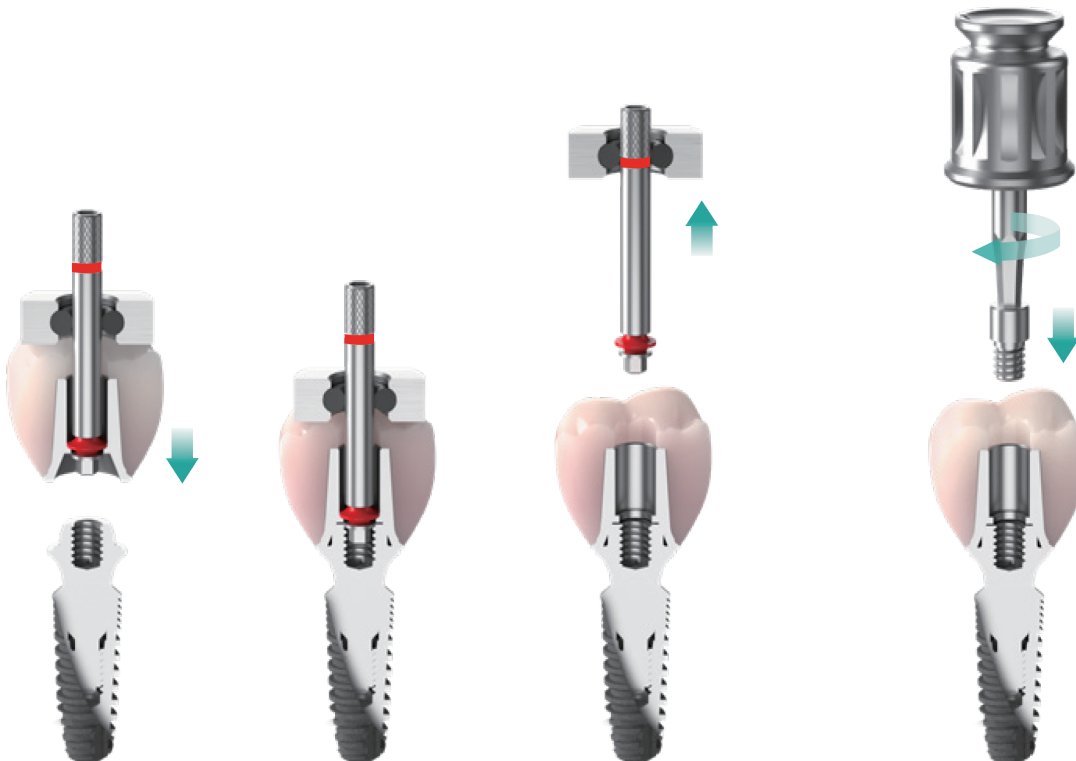
Cementation



ESP Try-in



Sit the crown on the abutment using a shaft, and grab the abutment and crown as one piece by using the holder.



The operator can easily, quickly, and safely try-in the combined prosthesis through ESP.

Disengage the ESP shaft and holder.

Engage the abutment screw and driver from the outside of the mouth, then assemble it to the intraoral prosthesis.

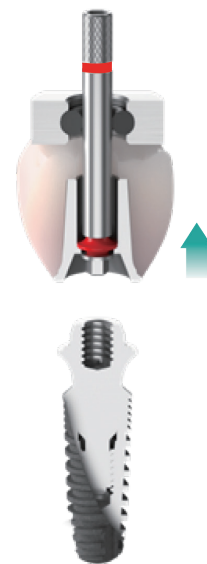
ESP Try-out



Tighten the prosthetic screw with a driver, then rotate it counterclockwise to disassemble.

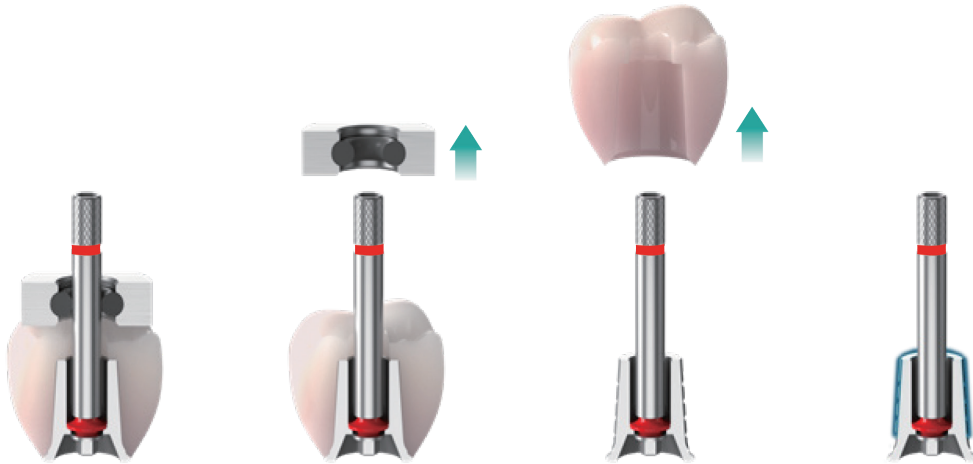


Engage the ESP shaft and holder from the outside of the mouth, then assemble it on the intraoral prosthesis.

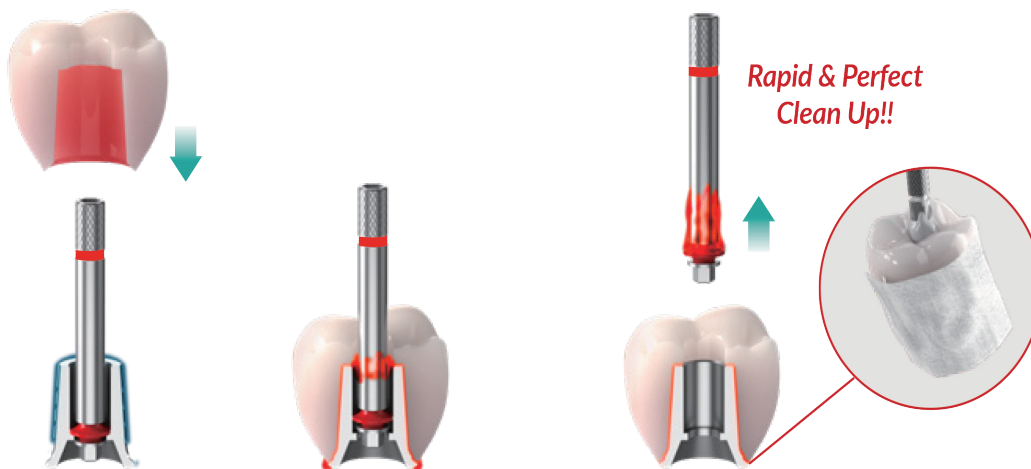


The operator can easily, quickly, and safely try-out the combined prosthesis through ESP.

ESP Cementation



Engage the ESP to the abutment and proceed with the primer & bonding from outside of the mouth in humidity-free condition.



Combine the cemented prosthesis in humidity-free condition.

Remove the remaining cement in the marginal zone, disassemble the ESP shaft from the cemented prosthesis vertically, and thoroughly remove the remaining cement inside the prosthesis hole.

ESP Cementation



Assemble the cemented prosthesis to the placed fixture.

Engage the abutment screw and driver from the outside of the mouth, then assemble it to the intraoral prosthesis.



Harden the cement after biting.