

# CASTABLE VERTICAL ATTACHMENT MICRO

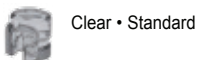


FOR  
DUPLICATION  
TECHNIQUE



FOR INSERTION INTO THE  
PRE-FABRICATED  
HOUSING

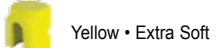
### CAPS



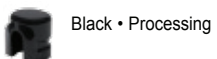
Clear • Standard



Pink • Soft



Yellow • Extra Soft



Black • Processing

### STANDARD BASE

Sphere Ø 1.8 mm

### LONG BASE

Sphere Ø 1.8 mm



ANALOG  
POST

### CAPS

Clear • Standard

Pink • Soft

Yellow • Extra Soft

Black • Processing

OT STRATEGY CAPS  
INSERTER/  
EXTRACTOR TOOL



PARALLELOMETER  
MANDREL



STAINLESS STEEL  
HOUSING  
to be welded or  
bonded to the frame



STRATEGY POSITIONER  
for correct positioning of the  
cap housing on the frame

## PARALLELOMETER KEY PROFILE



SIDE A: For SPHERE positioning  
SIDE B: For STEADY positioning

## REINFORCEMENT FOR THE SPHERE



- Increased shear force strength
- Prevents rotation of female cap
- Increased lateral stability

OT Strategy from Rhein83 is a vertical micro-sized 1.8 mm castable sphere that is placed distally on abutments for removable partials or utilized in implant bar combination case design. The male component is designed with an additional support strut located under the sphere, increasing strength and preventing rotation of the female cap during paralleling. The optional Steady, when connected to OT Strategy, provides lateral stability without any additional milling.

OT Strategy caps are available for both duplication and fabrication using a stainless-steel housing technique. Rhein83 caps are manufactured from an elastic material that increases the contact zone with the sphere, giving mechanical and friction retention. Caps are color-coded indicating five levels of retention. Tools for paralleling, inserting, and removing caps are available.

## CLINIC



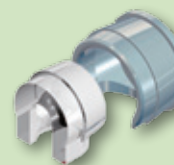
## LABORATORY



Insert the OT Strategy male into the mandrel and place in position with base of attachment in contact with the stone.



The entire cap must be covered with a thin layer of wax during the frame wax-up procedure.



Once the casting is complete, proceed to use the cap and the prefabricated **STAINLESS STEEL HOUSING**. The housing can be bonded or laser welded to the frame. In addition, it can also be used for direct chairside procedures.



For best results during the **DUPLICATION TECHNIQUE**, it is suggested to use the **YELLOW** retentive cap.



## DUPLICATION TECHNIQUE: USING CASTABLE HOUSING



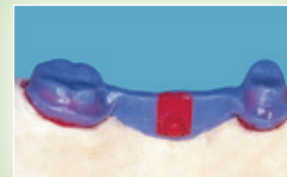
OT Strategy casting is complete with mandatory lingual milling to accept partial bracing arm.



Yellow retentive cap is placed on the sphere and the model is ready for duplication. Use wax to remove any undercuts.



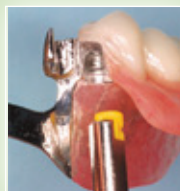
Model is duplicated and the shape of the cap is reproduced.



Insert the black cap into the skeletal cast frame cast partial with the OT Strategy Insertion Tool.



Frame is complete and placed on the model.



Using the insertion tool, insert the cap.



The finished prosthesis.

## WELDING TECHNIQUE: USING PRE-FABRICATED STAINLESS STEEL HOUSING



Crown and OT Strategy attachment cast. Positioning ring and housing.



Positioning ring on the sphere.



Stainless Steel Housing in position on the attachment.



Wax-up on the duplicated model.



First Option: Stainless Steel Housing welded to the frame.



Second Option: Stainless Steel Housing bonded to frame with anaerobic self-curing resin.

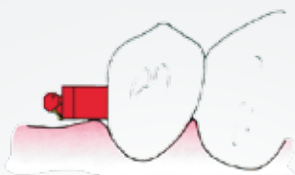


**ATTENTION:**  
Insertion of the cap from the mesial.

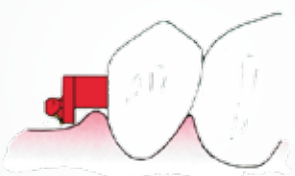
# CASTABLE VERTICAL MICRO ATTACHMENT STRATEGY + OPTIONAL STEADY



## Optional = STEADY



Steady + standard base



Steady + long base

The castable Steady is an optional conical shaped support intended for use in cases where milling is not performed. Steady can be used with the OT Strategy Standard or Long base.

It is an object in line with the philosophy of the personalization of each single prosthesis and is used with both the OT Strategy bases; Standard or Long and offer various technical solutions.

## CLINIC



## LABORATORY

### TECHNIQUE WITH STANDARD BASE



Lute the two parts together using an adhesive and insert the sphere into the mandrel of the parallelometer.



The Steady can be used with its original height or it can be shortened and modified to accommodate the adjacent tooth and ridge.



Finish the wax-up and give the Steady the necessary shape for duplication in the sphere.



The duplicated model.



The frame wax-up.



The finished casting.

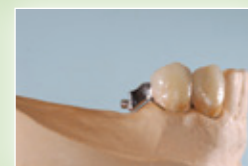
### TECHNIQUE WITH LONG BASE



Lute the Steady to the Long base. Be sure to position the two parts according to the resorption of the ridge.



Position the attachment as close to the ridge as possible. Fill the space between the Steady and the ridge with wax.



The finished attachment design. The Steady has been adapted to the contour of the ridge.



Crown and Steady for duplication and retentive cap on the sphere.



Cast framework seated on the model.



Finished prosthesis.

When the **STEADY** base is utilized it provides superior lateral support when milling is not indicated. In the case of free saddles, the **STEADY** base avoids movement in all directions during mastication.