

## Implant level



Impression  
coping

Open tray



### Benefits

- The individual tray and impression coping design enable highly accurate results, presenting an added value in anterior cases.
- Useful in cases of multiple divergent implants, when high accuracy is required.
- Color coding by platform.



### Things to consider

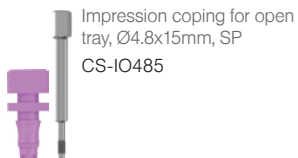
- Requires sufficient inter-arch distance. In case of occlusal space limitation, use the shorter screw.
- Additional chair time.
- Hard stock trays may also be used for this method; In this case, the tray should be prepared to allow access for screwing and unscrewing the guiding pin by perforating it in the right places.



### Types

- Single crown
- Bridge
- Overdentures

### Components:



Impression coping for open  
tray, Ø4.8x15mm, SP  
CS-IO485



Implant  
analog, SP  
CS-RSM10



Long driver for 0.05 inch hex.  
MT-RDL30



Torque ratchet for  
prosthetic screws  
MT-RI040

Open tray

## Step-by-Step

1.



### Expose implant

Remove the healing cap.



Single crown      Bridge      Overdenture

2.



### Attach open tray impression coping

The impression coping (CS-IO485) is attached using a screwdriver (MT-RDL30) or manually. Make sure you are able to unscrew the guide pin prior to proceeding. A periapical or bitewing radiograph of the implant may be used to confirm that the impression coping is correctly seated, and to eliminate the possibility of a gap between the coping and the implant.

The recommended tightening torque is 15-20Ncm.



Single crown      Bridge      Overdenture

3.



### Use a custom-made tray

Use a custom-made tray or perforate a hard stock tray in the relevant implant position. The guide pin will extend through the opening in the tray. Ensure you are familiar with the tray's path of insertion before proceeding.



Single crown      Bridge      Overdenture

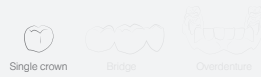
## Open tray



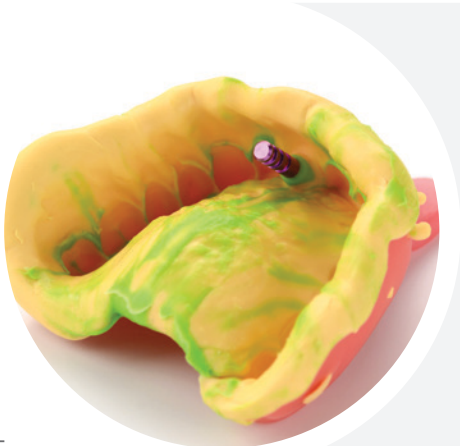
4.

## Impression taking

Apply impression material around the impression coping and then fill up the tray. Follow the impression material's Instructions for Use (IFU). Place the tray in the mouth and wait for setting. It is recommended to secure the impression coping to the tray with a resin material (such as Duralay or Pattern-Resin), in order to reduce the risk of micro-movements within the impression tray. Unscrew the guide pin and remove the tray from the mouth. In multiple implant cases, it's recommended to connect adjacent transfer copings to each other with a resin material to ensure their stability within the impression before applying the impression material.



Single crown Bridge Overdenture



5.

## Analog fixing

Attach the implant analog (CS-RSM10) to the impression coping and screw the guide pin back, to tighten and fix this assembly. Confirm that the coping is firmly attached to the analog, with no misalignment and free of gaps. Soft, gingiva-simulating materials should be used around the impression coping and analog to enable easy access to the analog while adjusting and fabricating the abutment and crown over the stone model. The recommended tightening torque is 15-20Ncm.



Single crown Bridge Overdenture



6.

## Stone model with simulated gingiva

The final impression is poured in stone. When the stone sets and the analog is fixed in the plaster, the impression coping may be released by removing the guide pin.



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