

CASTABLE BAR CAP HOUSINGS

OT Classic BOX + CONNECTOR

OT Special BOX + CONNECTOR



ELASTIC RETENTIVE CAPS
Normal / Micro size

- Clear • Standard
- Pink • Soft
- Yellow • Extra Soft
- Green • Elastic
- Black • Processing

EXTRA-RESILIENT CAPS

- Gold • Slightly Elastic
- Silver • Elastic and Gummy

SPECIAL BARS
NORMAL - Green
MICRO - Red



ANALOGS
Normal / Micro

CLASSIC BARS
NORMAL - Green + Yellow
MICRO - Red + Yellow



CONNECTOR
Universal castable bar for joining the OT BOX housings

IMPRESSION COPING
Normal / Micro



CLINIC



Cast reinforcement wax-up on the master model without duplication.

LABORATORY



The OT Box Large casting compensates for the distance between the cap and the housing. It is manufactured to reposition the cap chairside into the frame.

OVERSIZED CASTABLE HOUSING for repositioning the caps directly in the patient's mouth

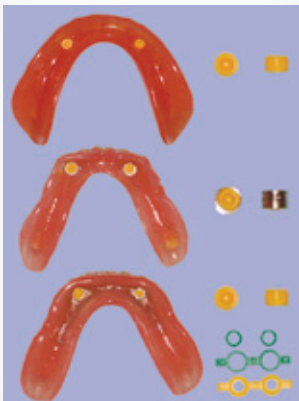


LABORATORY REQUIREMENTS FOR THE MASTER MODEL

When a new denture is being fabricated utilizing existing spheres, the dentist must provide the laboratory with an impression using the YELLOW CAP. The laboratory will place the analog into the cap and pour the stone model.



A fracture is more likely to occur where the overdenture attachments are inserted in a prosthesis fabricated entirely of resin. With a cast superstructure reinforcement, the denture will be less likely to fracture. Fast and simple, the OT Box bar components are used to fabricate the superstructure directly on the master model, eliminating duplication and saving time. A non-precious or chrome cobalt alloy is recommended for best results.

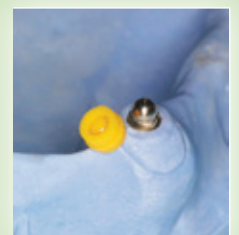
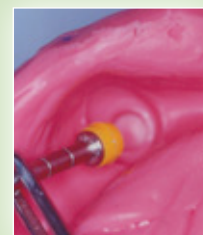


It is recommended that all nylon caps are inserted into a stainless steel housing or cast reinforced frame. The stainless steel housing offers a considerable advantage when the cap has to be removed and replaced for routine maintenance or repositioned. Adjustments or repairs can be performed chairside quickly and easily.

Option 1: OT CAP
OT Cap cured directly into the prosthesis.

Option 2: OT Cap + Stainless Steel Housing
OT Cap with housing cured directly into the prosthesis or bonded into frame.

Option 3: OT Cap + OT Box
OT Cap inserted into OT Box cast reinforced frame.



CAST REINFORCEMENT IN ACRYLIC DENTURES

without duplication of the model

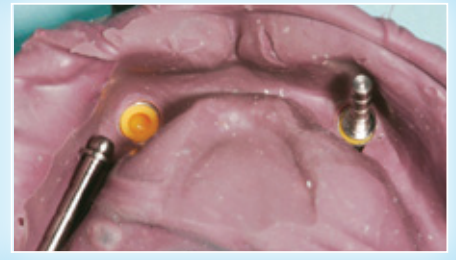
IMPRESSION WITH POSTS FIXED IN THE MOUTH



Titanium posts cemented into the root.



Before taking the imprint place the transfer over the spheres supported by the proper directional ring.



Insert analogs into the impression copings and pour the model.



Stone model with analogs in place.



Plaster model with metal-fused components.



*directional rings

0°

7°

14°



DIRECT WAX-UP ON THE MASTER MODEL



OT Box Classic. Glue the two OT Box bars together.

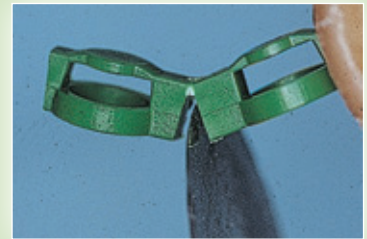


Separate the housing from the OT Box bar connector.



"ONE-PIECE" MONO BAR

OT BOX SPECIAL is a "one-piece" mono bar. Separate the bar and use only the section needed.



Apply a layer of wax on the ridge. Create three holes in contact with the stone model. Place the positioning rings over the spheres. Be sure to place the ring with the "flared" end towards the coping.



Position the OT Box Classic or Special housings over the rings. Complete the reinforcement using the connectors and join the pieces together with self-polymerising resin.



Finished wax-up with sprue; ready to be invested.



Finished casting with black retentive caps in housing.



Complete prosthesis with cast reinforcement.



For additional reinforcement...with the silicon mask in position, insert a wax pin to support each tooth before casting.