








Multi-Unit Manual

combining the successful features in implantology



your comfort is our goal!

Implants	
Instruments	
Prosthetic components	
Digital/ CAD/CAM	
Additional products	

Dutch quality is a choice



Abutments range

Indications

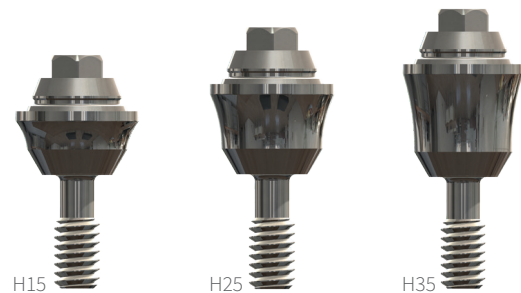
- multiple unit (minimal 4) screw-retained restoration
- can be used in combination with an implant level meso- or suprastructure
- used to elevate seating platform of restorations
- overcome angulations up to 30°

Available Multi-Unit Abutments

Multi-Unit Abutment 0° H15 (88A02)

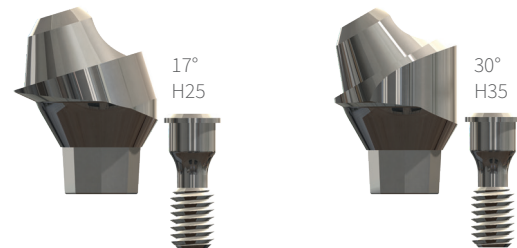
Multi-Unit Abutment 0° H25 (88A03)

Multi-Unit Abutment 0° H35 (88A04)



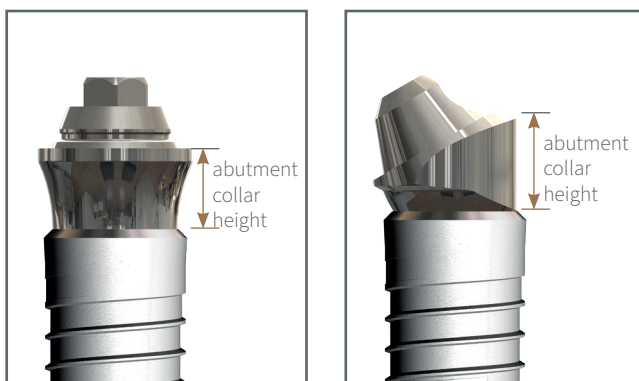
Multi-Unit Abutment 17° H25 (88A173)

Multi-Unit Abutment 30° H35 (88A304)



Selection of proper abutment height

Measure the abutment collar height.



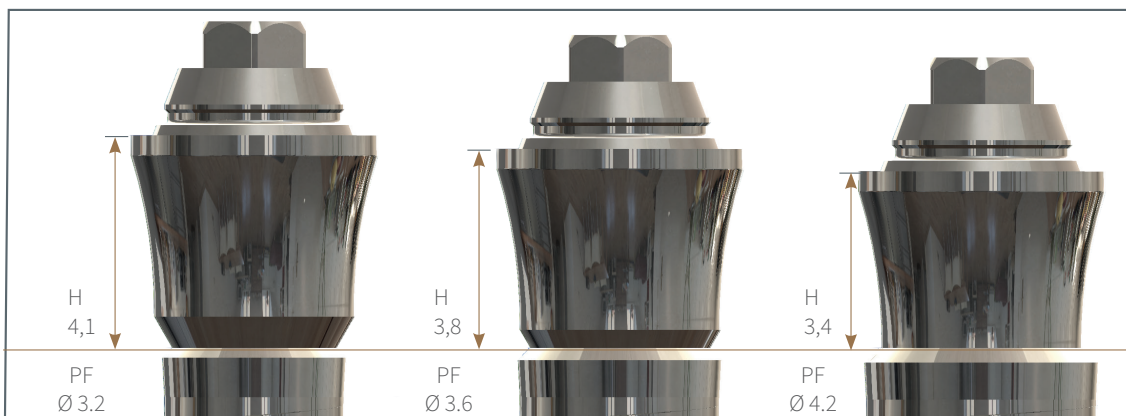
Collar heights
in mm
88A02



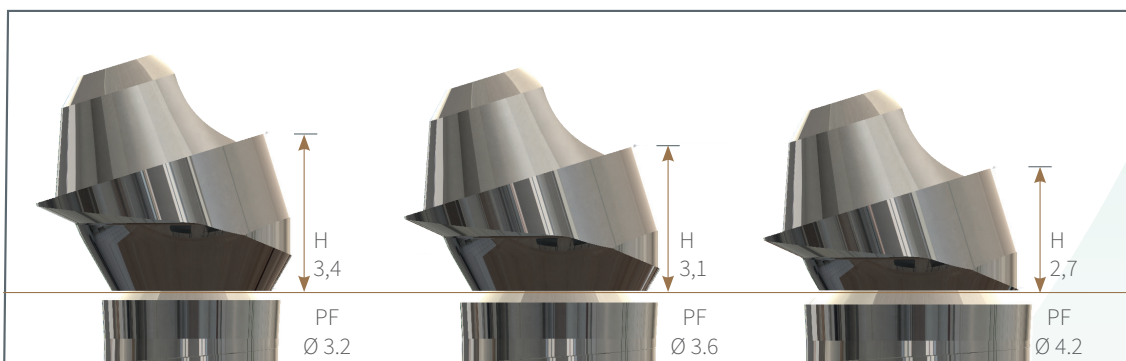
Collar heights
in mm
88A03



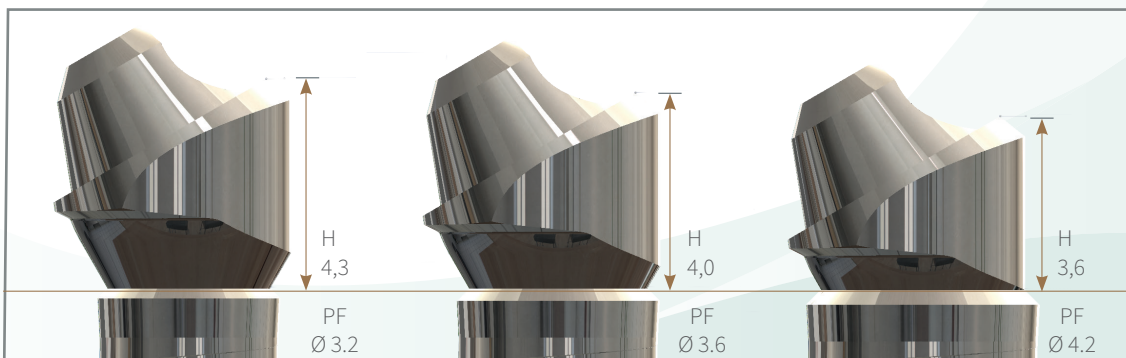
Collar heights
in mm
88A04



Collar heights
in mm
88A173



Collar heights
in mm
88A304

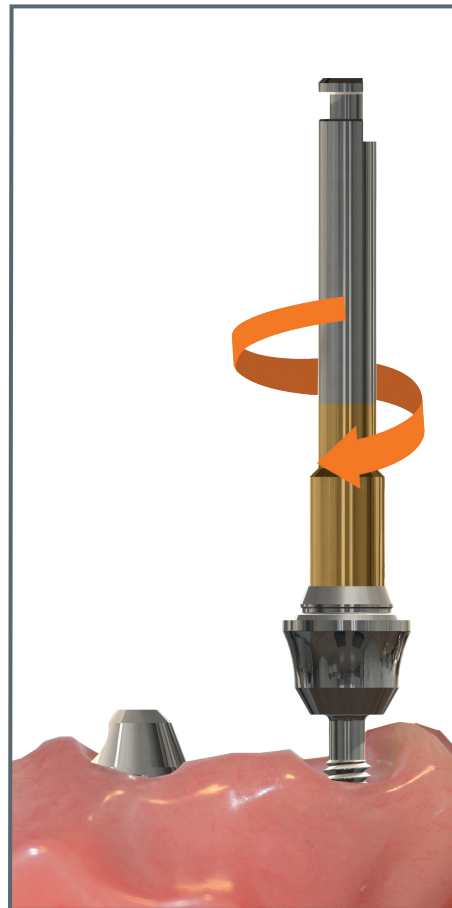
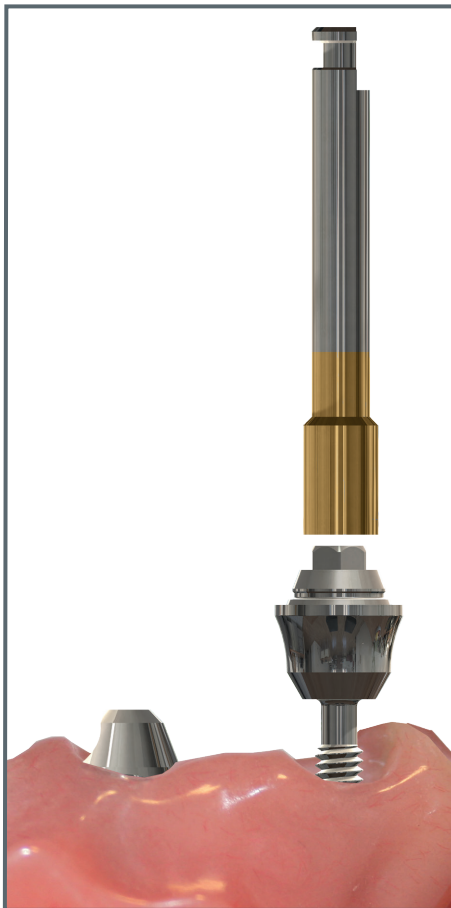


Abutment placement

0° Multi-Unit Abutment

Use the Abutment Driver LH (18AL) to place the abutment into the implant and screw it into the correct position. Tighten the abutment to 35 Ncm using the Torque Wrench (5084G) and the Abutment Driver (18AL).

An X-ray is advised to confirm accurate seating of the abutment.



17° and 30° Multi-Unit Abutment

The abutment is connected to the implant by using the premounted Positioning Tool (18PT, included in 88A173 and 88A304). Please note that there are 8 possible positions in which to place the abutment. Tighten the Abutment Screw (88AS, included in 88A173 and 88A304) using the Dyna Hex Driver (5181S or 5181L) until resistance is felt.

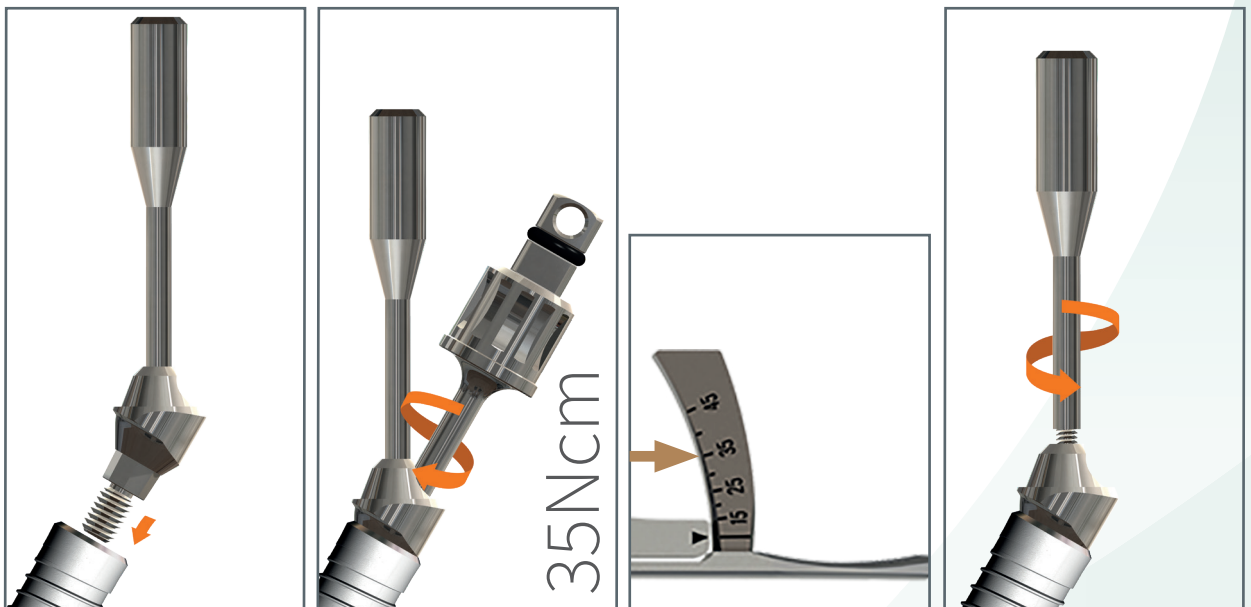
Note: Caution needs to be taken when inserting the screw. It is important that the connection is secure.

An X-ray is advised to confirm accurate seating of the abutment. The holder is then unscrewed from the abutment by turning it counter-clockwise.

Tighten the Abutment Screw to 35 Ncm only using the Torque Wrench (5084S) and the Dyna Hex Driver (5181S or 5181L).

Note: Be sure not to exceed 35 Ncm when using the Multi-unit Abutment Screw (88AS).

Note: Removal of the tightened abutment, after unfastening of the Multi-Unit Abutment Screw, necessitates a clamp to slightly jiggle and remove the abutment.



Impression taking

Closed tray impression

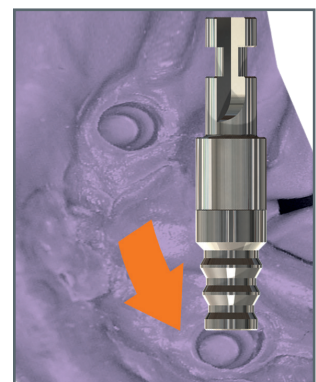
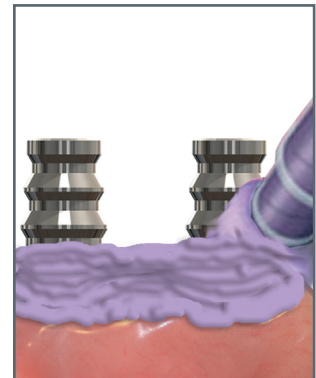
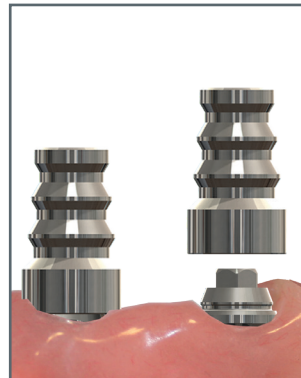
Connect the Impression Coping (88ICC) to the abutment manually. Verify the connection by means of an X-ray. Inject impression material and make the impression.

After setting, remove the impression and disconnect the Impression Copings (88ICC). Attach the Laboratory Analog (88IA) to each coping.

Place the assembly of the impression coping (88ICC) and the Laboratory Analog (88IA) into its corresponding location in the impression.

Connect a temporary restoration or Healing Cap (88HCS).

Send the impression to the dental laboratory.



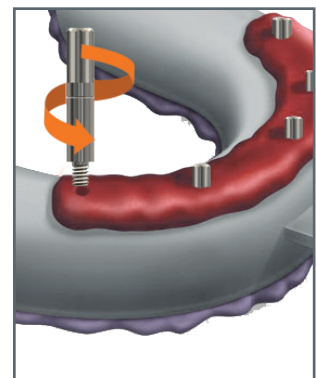
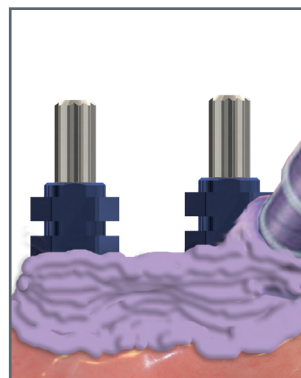
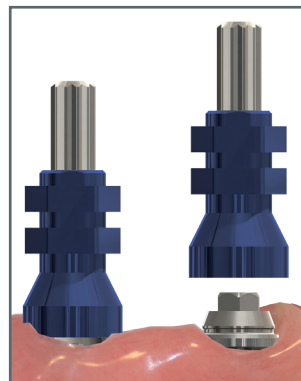
Open tray impression

Connect the impression coping (88IC0) on the abutment manually.

Relieve and perforate the impression tray to allow full seating of the tray and protrusion of the Impression Coping screws. Verify that there is access to the tops of all Impression Coping Screws to at least the level of the impression tray opening. Close it with baseplate wax, with the Impression Coping Screws perforating the wax.

Inject impression material and seat the impression tray fully so that the tips of all the Impression Coping Screws are visible. After setting, unscrew the Impression Coping Screws and remove the impression tray.

Connect a temporary restoration or Healing Cap (88HCS) and send the impression to the dental laboratory.



Prosthetics

Laboratory procedures

In the laboratory a model is made and a restoration is produced

Alternatives:

- Dyna CADCAM Bar
- Dyna Wraparound Bridge

Available abutments

- Dyna Multi-Unit Healing Cap incl. screw 88PSH (88HCS)

Used in combination with Prosthetic Screw Hexagon (88PSH) which needs to be ordered separately:

- Dyna Multi-Unit Castable Cylinder POM no screw (88CC) for castable constructions. May be trimmed to adjust the height.
- Dyna Multi-Unit Bonding Ti Base no screw (88BB) for metal-reinforced acrylic prostheses or bar overdentures, cemented using the passive-fit technique.
- Dyna Multi-Unit Temporary Abutment no screw (88TA) for acrylic temporary prostheses. May be trimmed to adjust the height.

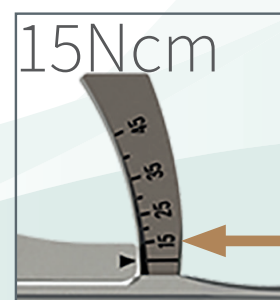
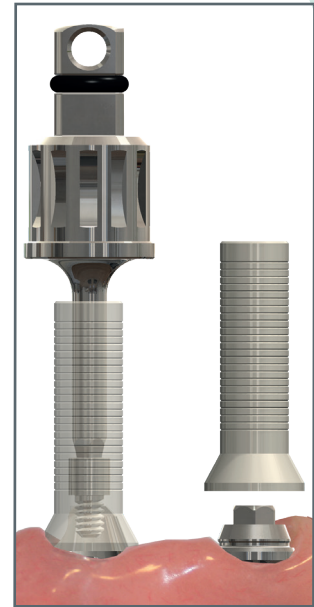
Connection of final restoration

Verify the torque of the Abutment Screw (35 Ncm) and evaluate full seating of the restoration both on the model as well as intra-orally.

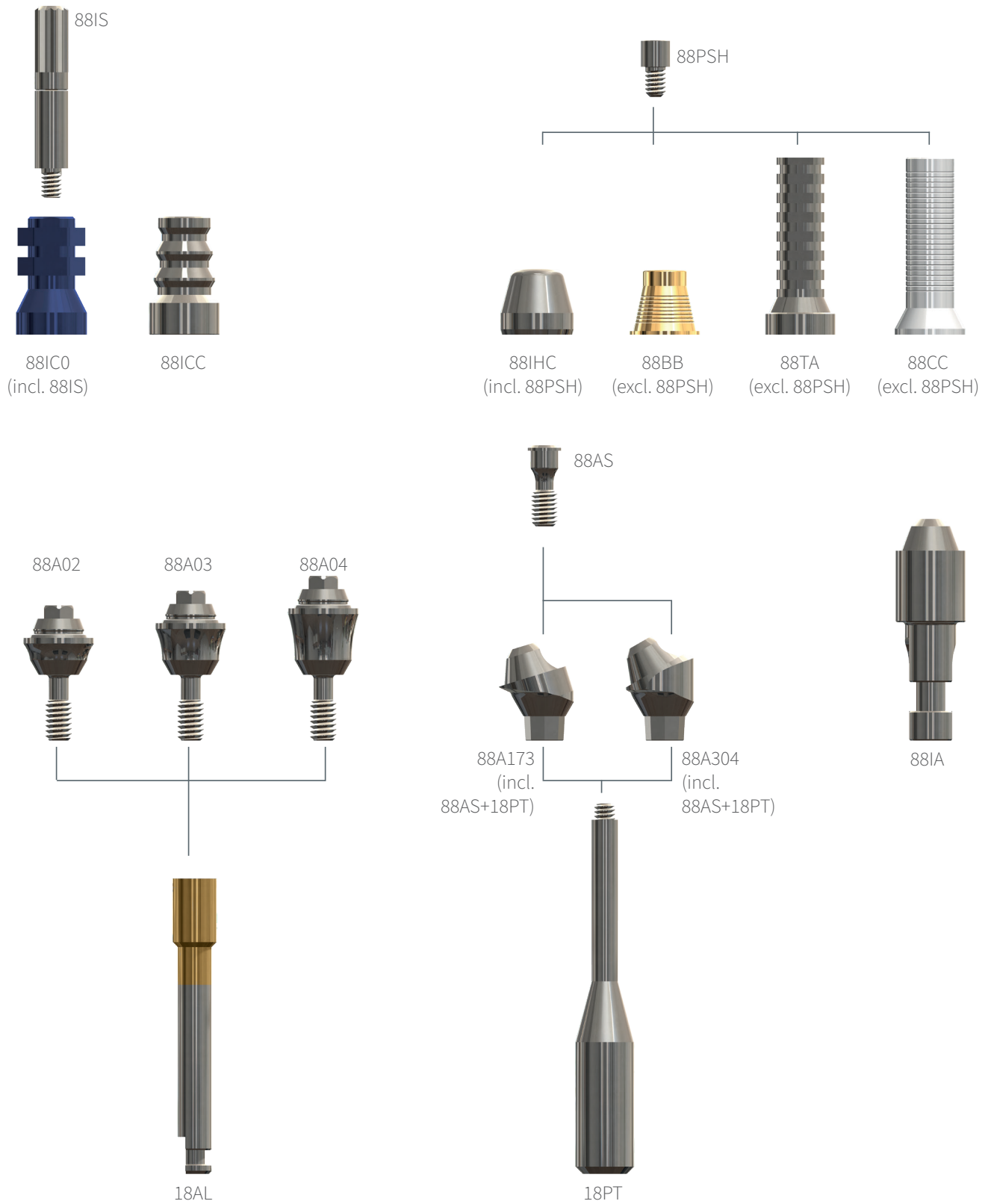
Connect the restoration to the abutments with Prosthetic Screws Hexagon (88PSH).

Tighten the Prosthetic Screws Hexagon (88PSH) to 15 Ncm using the Torque Wrench (5084G) and Dyna Hex Driver (5181S or 5181L).

Fill the screw access channel with a suitable material such as silicone or temporary filling material.



Multi-Unit Overview





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