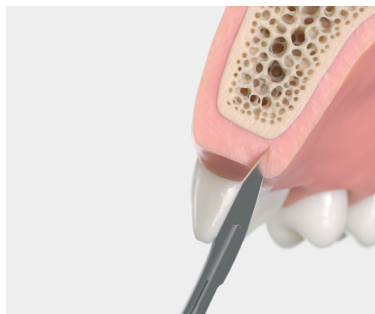


## Quick guide – DS PrimeTaper™

### Implant site preparation – PrimeTaper EV 4.2 x 11 mm



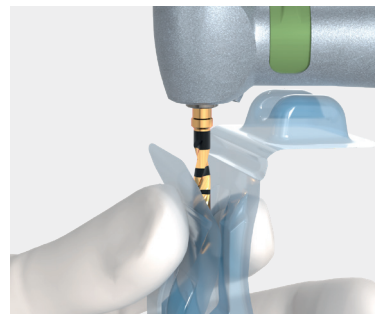
#### Incision

- Make an incision.
- Mobilize and fold back the mucoperiosteal flap.



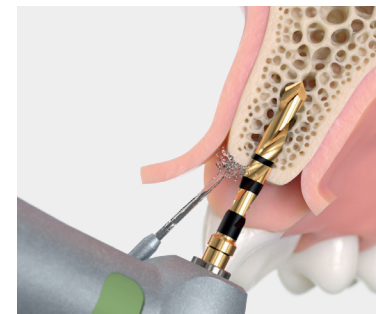
#### Marking

- Mark the cortical bone with the Guide Drill or the Precision Drill, to give the next drill a secure starting point.



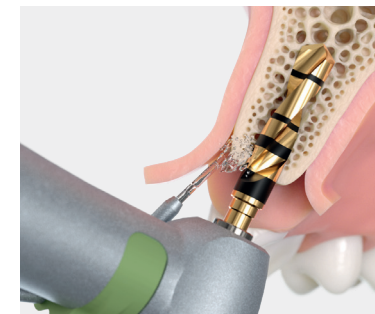
#### Pick-up

- Engage the drill with the contra angle.



#### Drill 1 Ø1.9

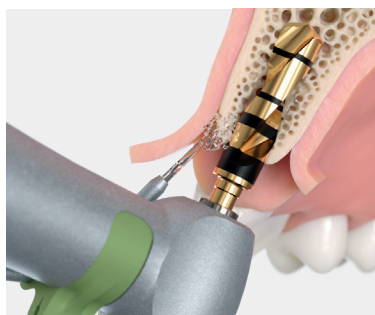
- Drill in the planned direction to the appropriate depth.
- The drilling will provide valuable information about the cortical and spongy bone.
- Insert the smaller end of the PrimeTaper Direction Indicator into the site to visualize/verify the direction.



#### PrimeTaper Drill 3 Ø2.95

- Drill in the planned direction to the appropriate depth.
- Insert the larger end of the direction indicator into the site to visualize/verify the direction.

■ Maximum drilling speed is 1500 rpm.



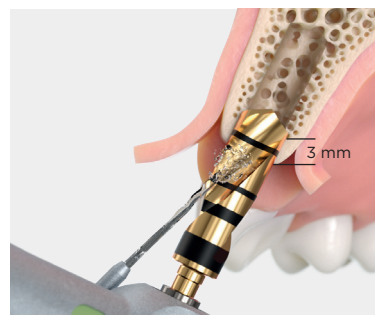
#### PrimeTaper Drill 4 Ø3.55

- Drill in the planned direction to the appropriate depth.



#### Measuring the osteotomy

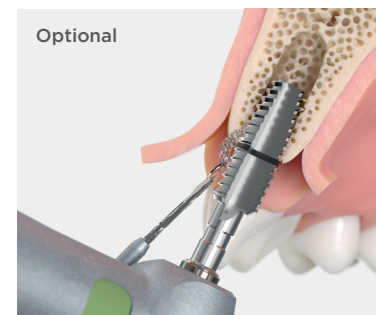
- After drilling, carefully measure the depth of the implant site by using the PrimeTaper/ATI Depth Gauge.



#### Cortical preparation

- Drill through the entire thickness of the cortical bone, in this case 3 mm.

■ Drilling to the 2 mm marking, using the drill for cortical preparation "J" ["], will ensure sufficient space for the MicroThread portion of the implant.



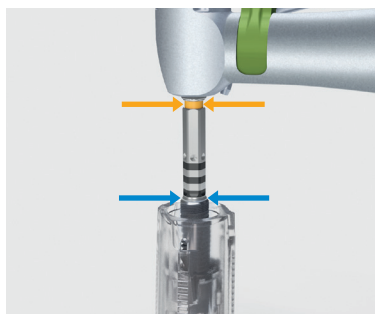
#### Optional

#### Optional tapping in very dense bone

- Prepare the site with the PrimeTaper Tap Ø4.2 at maximum 25 rpm through the cortical bone. The depth marking indicates 6.5 mm.
- Turn the tap counter-clockwise to remove it from the osteotomy.

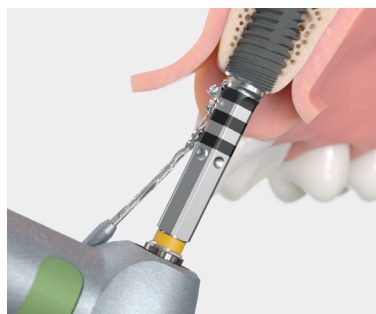
## Quick guide – DS PrimeTaper™

### Implant installation – PrimeTaper EV 4.2 x 11 mm



#### Machine Implant pick-up

- Attach the appropriate Implant Driver EV to the contra angle.
- Carefully rotate the driver in the implant to align the indexing tabs.
- Make sure that the implant driver is fully seated into the implant.



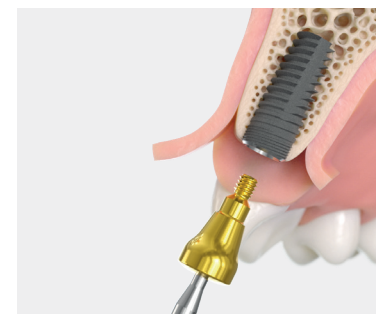
#### Machine implant placement

- Install the implant with the contra angle at low speed (25 rpm) under profuse irrigation.
- Allow the implant to work its way into the osteotomy. Avoid applying unnecessary pressure. Do not exceed 45 Ncm when installing the implant. If not completely seated before reaching 45 Ncm, reverse/remove the implant and widen the osteotomy appropriately.



#### Final positioning

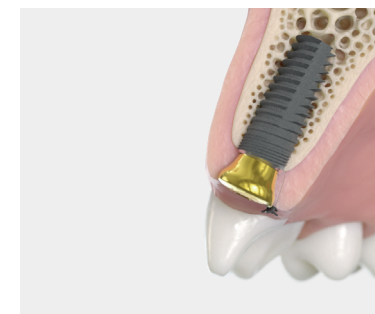
- Attach the implant driver and the Surgical Driver Handle into the Torque Wrench until there is an audible click.
- Position the implant at the marginal bone level or slightly below.
- Position one of the dots on the implant driver buccally to facilitate optimal placement of the pre-designed abutments.
- Release the implant driver by lifting it gently from the implant.



#### One-stage surgical protocol procedure

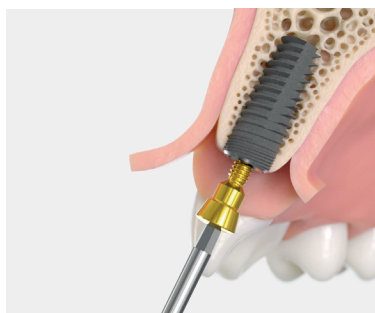
##### Placement of the Healing Abutment EV

- Place the healing abutment using the Hex Driver.
- Manually secure the healing abutment using light finger force (5-10 Ncm).



##### Suturing

- Adapt and suture the soft tissue.



#### Two-stage surgical protocol procedure

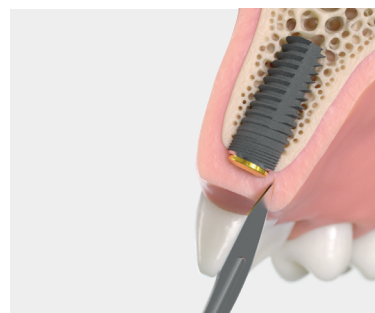
##### Placement of the Cover Screw EV

- Place the cover screw by using the hex driver.
- Tighten with light finger force (5-10 Ncm).



##### Suturing

- Repositioning and fix the tissue flaps with sutures.



##### Exposure

- After the healing phase expose the implant for fabrication of the prosthetic restoration.
- Depending on the planned procedure, place a healing abutment or a temporary restoration.