



SURGICAL PROTOCOL

Z1-Connect Implant 8



SURGICAL SEQUENCE: Preset the implantology motor** to an insertion torque not exceeding 45 N.cm to prevent any damage to the implant.

	PILOT DRILL	STOP DRILL N°1	DRILL N°2	DRILL N°3	DRILL N°4	DRILL N°5	SCREW TAP Ø3,5	SCREW TAP Ø4	SCREW TAP Ø5	COUNTERSINK Ø3,5	COUNTERSINK Ø4	COUNTERSINK Ø5
REF.	A-FPT310	A-FBXxxx (depending on implant length)	A-FCX200	A-FCX300	A-FCX400	A-FCX500	A-TAR306	A-TAR406	A-TAR506	A-ALE300	A-ALE400	A-ALE500
RPM*	1200	1200	1000	800	600	500	15	15	15	500 to 600	500 to 600	500 to 600
Ø3,5	●	●	●	●	●	●	●	●	●	●		
Ø4	●	●	●	●	●	●	●	●	●	●	●	
Ø5	●	●	●	●	●	●	●	●	●	●	●	●
	 Trepine the cortical bone with the pilot drill to facilitate the penetration of the first drill (1200 rpm)*.	 Use the stop drill n°1 fitted to the length of the implant (1200 rpm)*.	 Use drill n°2 to the required length (1000 rpm)*.	 For the implants Ø3,5, Ø4 and Ø5: use the drill n°3 to the required length (800 rpm)*.	 For the implants Ø4 and Ø5: use the drill n°4 to the required length (600 rpm)*.	 For the implants Ø5: use the drill n°5 to the required length (500 rpm)*.	 Use the screw tap Ø3,5 for the implants Ø3,5 to the required length (15 rpm)*.	 Use the screw tap Ø4 for the implants Ø4 to the required length (15 rpm)*.	 Use the screw tap Ø5 for the implants Ø5 to the required length (15 rpm)*.	 Use the countersink corresponding to the diameter the zirconia collar. Ream the cortical bone up to the laser marking (500 to 600 rpm)*.	 Ream the cortical bone up to the laser marking (500 to 600 rpm)*.	 Ream the cortical bone up to the laser marking (500 to 600 rpm)*.

*The rotation speeds indicated are for information only and depend on the bone quality.

○ Use of the drill depending on the length of the implant to be placed

● For Ø3,5 implants

● For Ø4 implants

● For Ø5 implants



SCANORA AND X-RAY TEMPLATE:

Product code: A-TS600

The selection of the Z1-Connect implant is done using the radiological selector template.

It is imperative to maintain a safety margin of 2 mm from any anatomical obstacle or the available bone height, as well as the drill tip sizes, ranging from 0.6 mm for drill No. 1 to 1 mm for drill No. 5.

The space occupied by the transgingival collar must also be taken into account.



SURGICAL KIT:

Product code: A-TCP006

All the instruments needed to place the Z1-Connect Implants are available in the TBR surgical kit.

For more information, refer to the TBR® Implants user manual – Ref. C-NOT500 – available at ifu.tbr.dental.

**Refer to the implantology motor manufacturer's manual.

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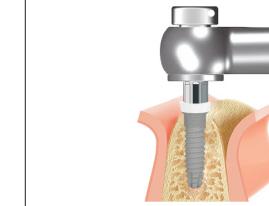


SURGICAL PROTOCOL

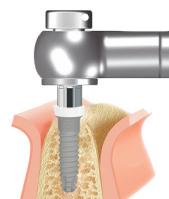
Z1-Connect Implant 8



CONTRA-ANGLE PROTOCOL: Preset the implantology motor** to an insertion torque not exceeding 45 N.cm to prevent any damage to the implant.

CONTRA-ANGLE SCREWTOOL		MANUAL SCREWTOOL			
REF.	A-MCA325 [long] - A-MCA230 [short]		A-MCC258 [long] - A-MCC163 [short]		
RPM	N/A	15 to 20	Manual		
	 <p>Take the screwtool for contra-angle and clamp the implant inside its packaging. Maintain the contra-angle facing up while moving the implant to the surgical site.</p>	 <p>Do not exceed an insertion torque of 45 N.cm.</p> <p>Screw the implant in the alveolar ridge until the implant is completely inserted.</p> <p><i>NB: Index the implant connection using the visual mark on the screwtool. The laser marking indicates the position of a side of the internal octagon of the implant connection.</i></p>	 <p>Remove the contra-angle vertically as well as the contra-angle screwtool.</p>	 <p>If ever the implant is not completely screwed in using the contra-angle, finish the insertion with the torque-ratchet wrench [GAN-469-1000203] and its screwtool.</p>	 <p>Remove the cover screw from its packaging using the screwtool screwdriver for torque-ratchet wrench [GAN-469-1000203]. Maintain the screwtool screwdriver pointing up while transporting the screw to the surgical site. Seal the implant with the cover screw.</p>
					 <p>Suture the gum. Check radiologically that the implant is perfectly positioned in the bone.</p>

TORQUE-RATCHET WRENCH PROTOCOL

MANUAL SCREWTOOL					
REF.	A-MCC258 [long] - A-MCC163 [short]				
RPM	N/A	Manual			
	 <p>Take the screwtool and clamp the implant inside its packaging. Maintain the screwtool pointing up while transporting the implant to the surgical site.</p>	 <p>Begin screwing the implant manually.</p>	 <p>Finish screwing with the torque-ratchet wrench [GAN-469-1000203]. Screw the implant in the alveolar ridge until the implant is completely inserted.</p> <p><i>NB: Index the implant connection using the visual mark on the screwtool. The laser marking indicates the position of a side of the internal octagon of the implant connection.</i></p>	 <p>Remove the torque-ratchet wrench [GAN-469-1000203] and pull the screwtool out vertically.</p>	 <p>Remove the cover screw from its packaging. Maintain the screwtool screwdriver pointing up while transporting the screw to the surgical site. Seal the implant with the cover screw.</p>
					 <p>Suture the gum. Check radiologically that the implant is perfectly positioned in the bone.</p>