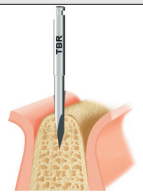
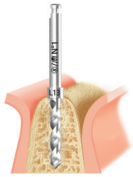
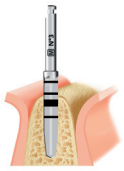
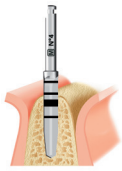
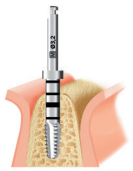
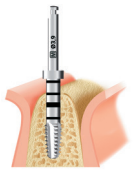
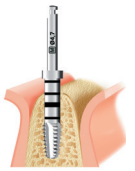
SURGICAL PROTOCOL

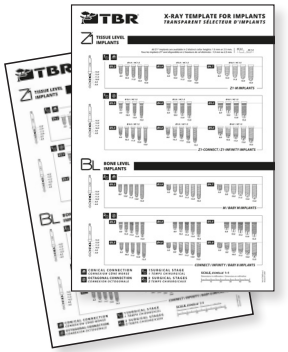
Implant M

SURGICAL SEQUENCE: Preset the implantology motor** to an insertion torque not exceeding 45 N.cm to prevent any damage to the implant. All TBR® drills must be used under irrigation.

	PILOT DRILL	STOP DRILL N°1	DRILL N°2	DRILL N°3	DRILL N°4	DRILL N°5	SCREW TAP Ø3,2	SCREW TAP Ø3,9	SCREW TAP Ø4,7
REF.	A-FPT310	A-FBXxxx *(according to the implant length)*	A-FMX200	A-FMX300	A-FMX400	A-FMX500	A-TAR304	A-TAR404	A-TAR504
RPM	1200	1200	1000	800	600	500	15	15	15
Ø3.2	●	◉	●	●			●		
Ø3.9	●	◉	●	●	●			●	
Ø4.7	●	◉	●	●	●	●			●
									
	Trephine 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 mark **(1000 rpm)***.	For the implants Ø3.2, Ø3.9 and Ø4.7: use the drill n°3 to the required length **(800 rpm)***.	For the implants Ø3.9 and Ø4.7: use the drill n°4 to the required length **(600 rpm)***.	For the implants Ø4.7: use the drill n°5 to the required length **(500 rpm)***.	Use the screw tap Ø3.2 for the implants Ø3.2 to the required length **(15 rpm)***.	Use the screw tap Ø3.9 for the implants Ø3.9 to the required length **(15 rpm)***.	Use the screw tap Ø4.7 for the implants Ø4.7 to the required length **(15 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 M implant is done using the x-ray 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.



SURGICAL KIT:

Product code: A-TCP008

All the instruments needed to place the M Implants are available in the TBR surgical kit.

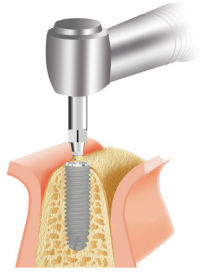
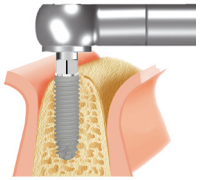
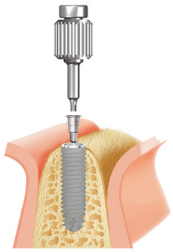
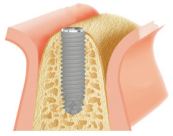
For more information, refer to the TBR® Implants user manual – Ref. C-NOT500 – available at ifu.tbr.dental.

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

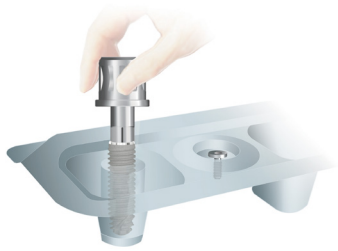
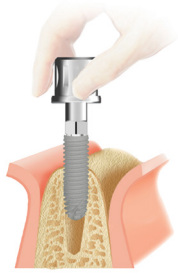
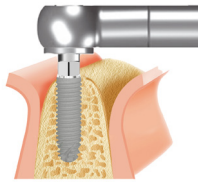
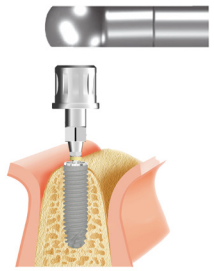
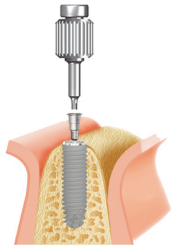
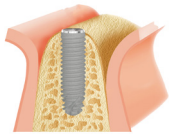
SURGICAL PROTOCOL

Implant M

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

	IMPLANT DRIVER FOR HANDPIECE				HEXAGONAL MANUAL SCREWDRIVER	
REF.	A-MCA322 [long] - A-MCA222 [short]			A-MCC254 [long] - A-MCC159 [short]	A-CHL301[long] - A-CHC216 [short]	
RPM	N/A	15 to 20		Manual		
						
	Take the implant driver for handpiece and clamp the implant inside its packaging. Maintain the contra-angle facing up while moving the implant to the surgical site.	Screw the implant in the alveolar ridge until the implant is completely inserted. *NB : Index the implant connection using the visual mark on the implant driver. The laser marking indicates the position of an angle of the internal hexagon of the implant connection.*	Remove the handpiece vertically as well as the implant driver for handpiece.	If ever the implant is not completely screwed , finish the insertion with the torque-ratchet wrench [GAN-469-1000203] and its implant driver.	Remove the cover screw from its packaging using the hexagonal manual screwdriver. Maintain the hexagonal manual screwdriver pointing up while transporting the screw to the surgical site. Seal the implant with the cover screw.	Suture the gum. Check radiologically that the implant is perfectly positioned in the bone.

TORQUE-RATCHET WRENCH PROTOCOL

	IMPLANT DRIVER FOR TORQUE RATCHET WRENCH				HEXAGONAL MANUAL SCREWDRIVER	
REF.	A-MCC254 [long] - A-MCC159 [short]				A-CHL301[long] - A-CHC216 [short]	
RPM	N/A	Manual				
						
	Take the implant driver for torque-ratchet wrench and clamp the implant inside its packaging. Maintain the Swissclip implant driver for torque-ratchet wrench facing up while moving the implant to the surgical site.	Begin screwing the implant manually.	Finish tightening using the torque ratchet [GAN-469-1000203]. Screw the implant completely into the alveolus. *NB : Index the implant connection using the visual mark on the implant driver. The laser marking indicates the position of an angle of the internal hexagon of the implant connection.*	Remove the torque-ratchet wrench [GAN-469-1000203] and pull the implant driver out vertically.	Remove the cover screw from its packaging. Maintain the hexagonal manual screwdriver pointing up while transporting the screw to the surgical site. Seal the implant with the cover screw.	Suture the gum. Check radiologically that the implant is perfectly positioned in the bone.

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