Preparation protocol – tioLogic® TWINFIT.

tiologic® TWINFIT

Adapt preparation protocol according to the indication and situation of each patient if required.

X Preparation depth in accordance with implant length

Ⓧ 7.0 mm Preparation

( ) Optional application
(taking into account the respective bone quality)

		Soft bone quality					Medium bone quality					Hard bone quality				
		ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5	ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5	ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5
Marking drill		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Depth drill[1]		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Surface cutter[3]		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stepped countersink ø 3.3[1]		(X)[4]		X			X		X			X		X		
Stepped countersink ø 3.7[1]			(X)[4]		X	X		X		X	X		X		X	X
Stepped countersink ø 4.2[1]				(X)[4]					X					X		
Stepped countersink ø 4.8[1]					(X)[4]	X				X	X				X	X
Stepped countersink ø 5.5[1]						(X)[4]					X					X
Expander ø 3.3[2]		Ⓧ					Ⓧ					Ⓧ				
Expander ø 3.7[2]			Ⓧ					Ⓧ					Ⓧ			
Expander ø 4.2[2]				Ⓧ					Ⓧ					Ⓧ		
Expander ø 4.8[2]					Ⓧ					Ⓧ					Ⓧ	
Expander ø 5.5[2]						Ⓧ					Ⓧ					Ⓧ
Thread tap[1]												(X)	(X)	(X)	(X)	(X)

[1] *The insertion depth/length of the depth drill, stepped countersinks and thread tap depends on the implant length.*

[2] *The insertion depth of the expander should not surpass 7.0 mm. The thread taps must be used with insertion torque > 40 Ncm. The depth scales must be observed.*

[3] *Exemplary illustration of rotary instruments with ø 4.2 mm (red).*

[4] *Can be used optionally to achieve improved primary stability in the cancellous bone.*

Torque ratchet.

The torque ratchet is intended for clinical use only.

Prosthetic screws should be tightened manually in the laboratory.

■ Tightening torques for implants and prosthetic components*

Implant insertion		max. 40 Ncm (depending on the bone density)
Closure screw Implant tioLogic® TWINFIT		15 Ncm or manually
Closure screw 4Base abutment tioLogic® TWINFIT		15 Ncm or manually
Gingiva former tioLogic® TWINFIT		15 Ncm or manually
Screw for impression post tioLogic® TWINFIT		15 Ncm or manually
Screw for temporary abutment tioLogic® TWINFIT		15 Ncm or manually

■ Tightening torques for implants and prosthetic components*

AnoTite screw – L 9.0 mm		30 Ncm
4Base abutment tioLogic® TWINFIT		35 Ncm
AnoTite screw – L 6.0 mm		25 Ncm
Ball abutment tioLogic® TWINFIT		35 Ncm
tioLOC abutment tioLogic® TWINFIT		30 Ncm

* primary stable and osseointegrated

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