

# Preparation protocol – 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** min. 7.0 mm preparation depth

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

		Soft bone quality				
		ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5
Marking drill		X	X	X	X	X
Depth drill <sup>1</sup>		X	X	X	X	X
Surface cutter <sup>3</sup>		X	X	X	X	X
Stepped countersink ø 3.3 <sup>1</sup>		(X) <sup>4</sup>		X		
Stepped countersink ø 3.7 <sup>1</sup>			(X) <sup>4</sup>		X	X
Stepped countersink ø 4.2 <sup>1</sup>				(X) <sup>4</sup>		
Stepped countersink ø 4.8 <sup>1</sup>					(X) <sup>4</sup>	X
Stepped countersink ø 5.5 <sup>1</sup>						(X) <sup>4</sup>
Expander ø 3.3 <sup>2</sup>		⑦				
Expander ø 3.7 <sup>2</sup>			⑦			
Expander ø 4.2 <sup>2</sup>				⑦		
Expander ø 4.8 <sup>2</sup>					⑦	
Expander ø 5.5 <sup>2</sup>						⑦
Thread tap <sup>1,3</sup>						

Medium bone quality				
ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X		X		
	X		X	X
		X		
			X	X
				X
⑦				
	⑦			
		⑦		
			⑦	
				⑦

Hard bone quality				
ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X		X		
	X		X	X
		X		
			X	X
				X
⑦				
	⑦			
		⑦		
			⑦	
				⑦
(X)	(X)	(X)	(X)	(X)

<sup>1</sup> The insertion depth/length of the depth drill, stepped countersinks and thread tap depends on the implant length. Thread taps must be used if implant insertion torque exceeds 40 N cm.

<sup>2</sup> The insertion depth of the expander should not be less than 7.0 mm. The depth scales must be observed.

<sup>3</sup> Exemplary illustration of rotary instruments ø 4.2 mm (red).




<sup>4</sup> 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 with care manually in the laboratory.



Implant		(depending on the bone density) max. 40 Ncm	
Closure screw Implant		15 Ncm or manually	
Closure screw bar		15 Ncm or manually	
Closure screw bridge		15 Ncm or manually	
Closure screw AngleFix		15 Ncm or manually	
Gingiva former		15 Ncm or manually	
Screw for impression post		15 Ncm or manually	
Retaining screw for closed impression		15 Ncm or manually	
AnoTite screw L 9.0 mm		30 Ncm	

Bar abutment		35 Ncm	
Bridge abutment		35 Ncm	
AngleFix abutment 0° GH 1.0 mm		35 Ncm	
AnoTite screw bar/bridge/AngleFix abutment L 6.0 mm		25 Ncm	
Ball abutment		35 Ncm	
tioLOC abutment		30 Ncm	
AnoTite screw for angulated screw apertures		25 Ncm	

\* Primary stable and osseointegrated