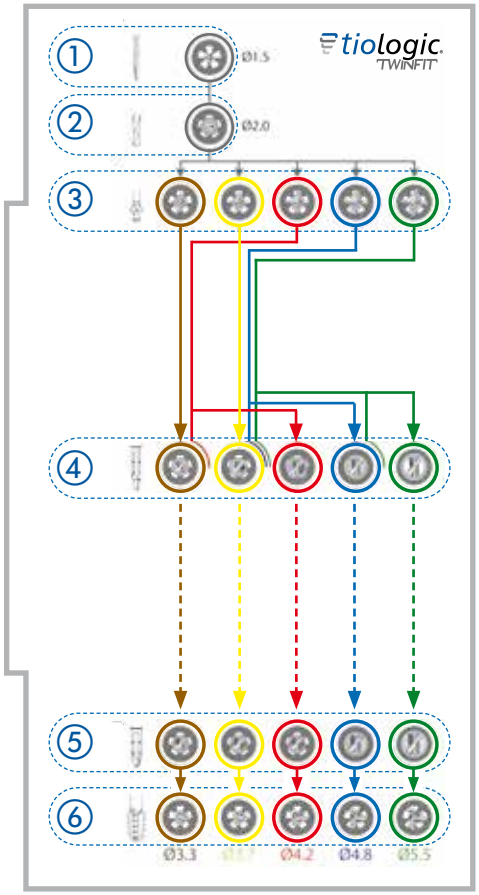
Drilling protocol tioLogic® TWINFIT

tiologic TWINFIT

Adapt preparation protocol to suit indication and patient if necessary.

= max. implant length
⑦ = min. 7.0 mm preparation depth
⊕ = optional application
= follow the instructions for use

Illustration Surgical Tray



		ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5
①	Marking drill	●	●	●	●	●
②	Depth drill	◎	◎	◎	◎	◎
③	Surface cutter	●	●	●	●	●
④ a	Preceding stepped countersink			◎	◎	◎
④	Stepped countersink	●	●	●	●	●
	Preparation according to bone quality	D4-D3 soft / D3-D2 medium / D2-D1 hard	D4-D3 soft / D3-D2 medium / D2-D1 hard	D4-D3 soft / D3-D2 medium / D2-D1 hard	D4-D3 soft / D3-D2 medium / D2-D1 hard	D4-D3 soft / D3-D2 medium / D2-D1 hard
⑤	Expander	⑦ ▨	⑦ ▨	⑦ ▨	⑦ ▨	⑦ ▨
⑥	Thread tap	⊕	⊕	⊕	⊕	⊕
		ø 3.3	ø 3.7	ø 4.2	ø 4.8	ø 5.5

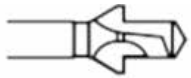
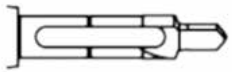
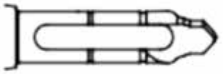
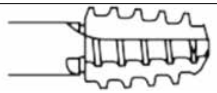
DENTAURUM 1886

Drilling speed

Prepare the hard and soft bone tissue carefully to support optimal healing of the implant. Avoid thermal or mechanical trauma at all costs. Keep the temperature during preparation of the implant site as low as possible and adhere to the maximum insertion torque (max. 40 Ncm) during insertion.

Low-speed preparation is therefore recommended for certain drills. This can be carried out without cooling to prevent the bone chips from being washed out.

In general, the speed should be reduced as the drill diameter increases.

Product		Low-speed preparation procedure	Maximum speed
Marking drill		max. 800 rpm	max. 800 rpm
Depth drill		max. 800 rpm	max. 800 rpm
Surface cutter		50-80 rpm	max. 500 rpm
Stepped countersink		50-80 rpm	max. 500 rpm
Expander		50-80 rpm	max. 500 rpm
Thread tap		max. 10 rpm or manually	max. 10 rpm or manually

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