

# CROWN DOWN

## WEARPROOF SURGICAL KIT

### USER MANUAL

#### Indications

The CROWN DOWN KIT, designed for performing dental implant osteotomy.

#### General Precautions

The use of the CROWN DOWN KIT, involves an expert complex procedure, it is intended for formally trained professionals in dental medicine.

#### Sterilization

Steam Autoclave at 136° C for 20 minutes.

#### Comprises

Drills: 60° Starter Drill, #20, #30, #35, #40, #45, #50, #55, #60, Stoppers: #1, #2

#### Instructions

#### Saline irrigation is contraindicated !

Recommended rpm: 200 – 300

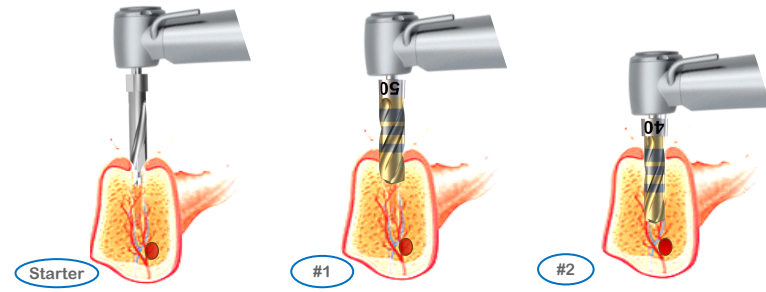
1. Determine the diameter and length of the implant according to the clinical case.
2. Select the two corresponding drills from the drilling chart.
3. Use 60° Starter Drill to create the center dent. (optional)
4. Switch to Drill #1 for the cortical bone.\*

\*Rely on clinical perception stop drilling once resistance decreases significantly.

5. Switch to Drill #2 and complete the osteotomy to the final planned depth.

\*\*During drilling, the bone particles can be collected for autogenous bone grafting.

6. Surgical guide parameters: L = 18.5 mm, offset = 5 mm, (Tube ID = 5.5 mm)



DENTIS AXEL DRILLING CHART					
<b>IMPLANT DIAMETER IN mm.</b>	<b>3.8</b>	<b>4.2</b>	<b>4.6</b>	<b>5.0</b>	<b>5.4</b>
<b>DRILL #1</b>	<b>#40</b>	<b>#45</b>	<b>#50</b>	<b>#55</b>	<b>#60</b>
<b>DRILL #2</b>	<b>#30</b>	<b>#35</b>	<b>#35</b>	<b>#40</b>	<b>#50</b>

## ERGONOMIC DEPTH MARKING CODE (ABCD)

