



# CLC SURGICAL KIT

Compact Design,

Maximum Efficiency!



*passion for dental excellence*

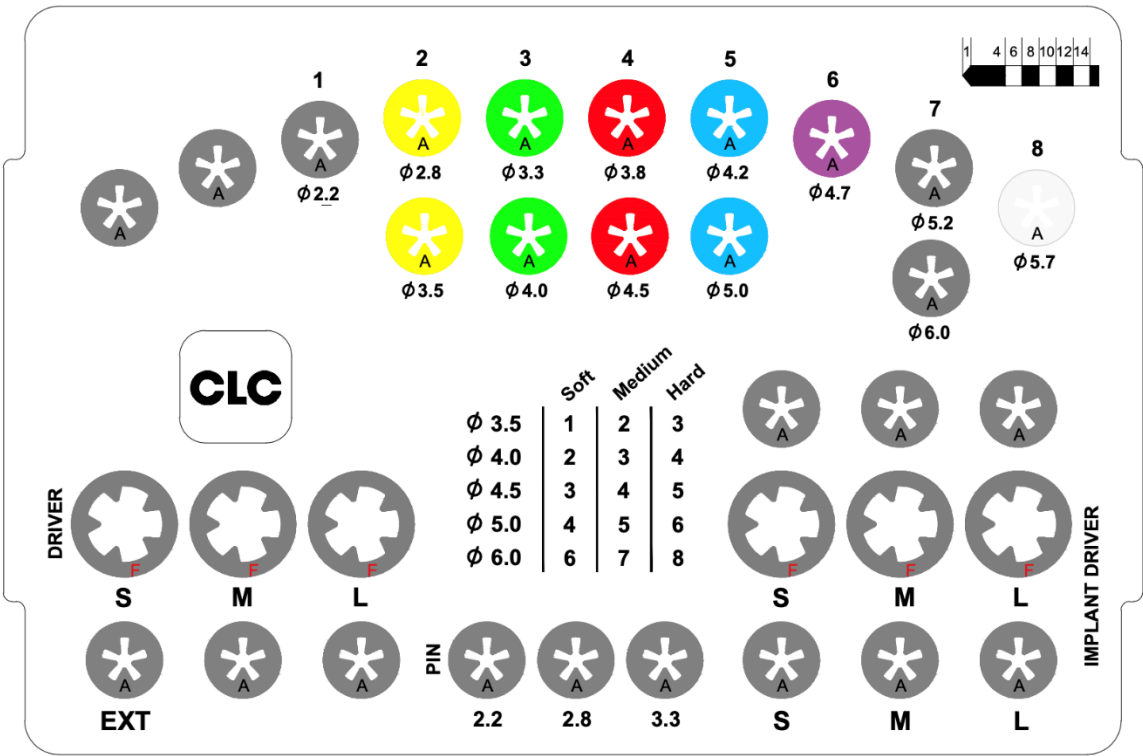
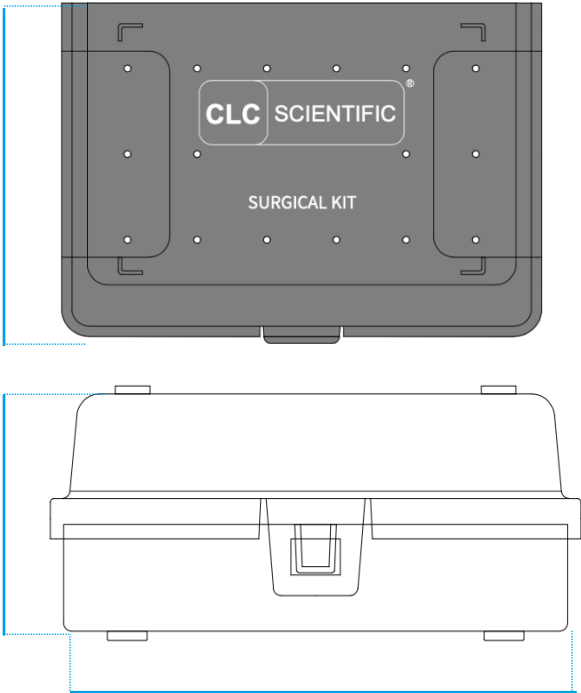
# SURGICAL CASSETTE

The CLC® Surgical Cassette (KIT01) is used for the secure storage, cleaning, and sterilization of surgical instruments and auxiliary instruments. The guidelines about cleaning and sterilization are available for consultation in the CLC® Surgical and Prosthetic Manual.

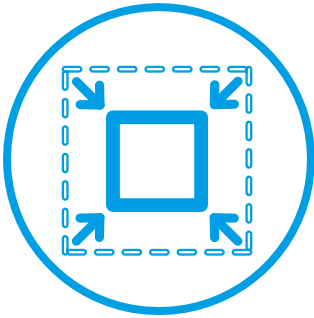
100 mm

61 mm

143 mm



# BENEFITS



**Space Efficiency:** Reducing the size of the surgical box can create more space, making it easier for surgical teams to maneuver and access other necessary equipment during procedures. Moreover, the smaller kit can occupy less space in dental clinics' warehouses and during the cleaning and sterilization processes.



**Portability:** Smaller surgical boxes are easier to transport between operating rooms or different healthcare facilities. This portability can be crucial in emergency situations or when surgical teams need to move quickly.



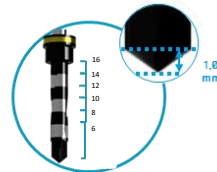
**Ergonomic:** Experience enhanced comfort and cost-effectiveness with our smaller surgical boxes. Designed for improved ergonomics, they ensure a better experience for doctors and patients while saving on expenses for dental clinics.

# UPPER TRAY



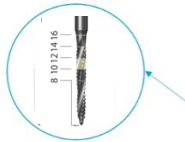
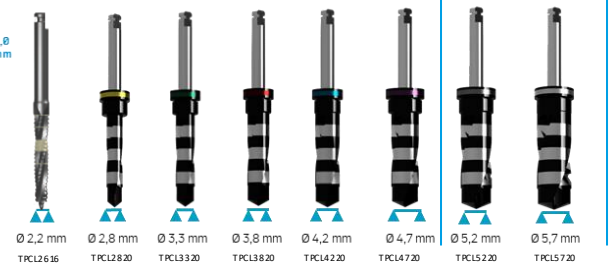
## Cortical drill

- Stainless steel
- Dedicated drill for dense bone or thick cortex



## Twist drill

- Stainless steel, DLC coating
- Optimized site preparation for soft and medium bone



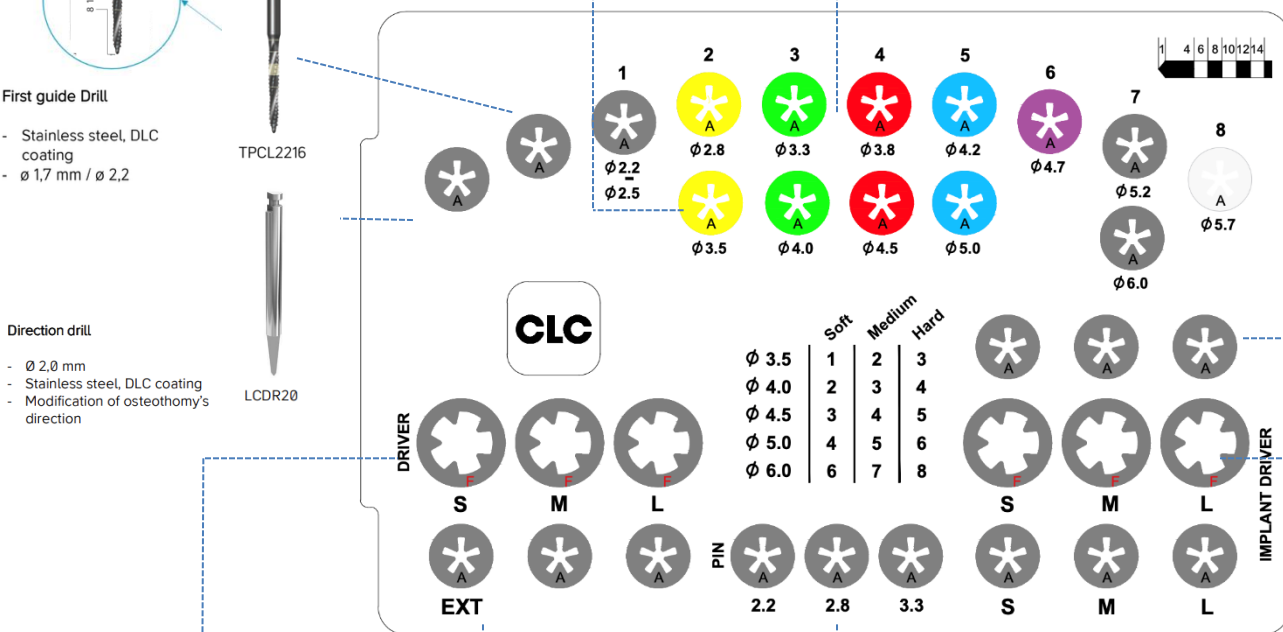
## First guide Drill

- Stainless steel, DLC coating
- Ø 1.7 mm / Ø 2.2



## Direction drill

- Ø 2.0 mm
- Stainless steel, DLC coating
- Modification of osteotomy's direction



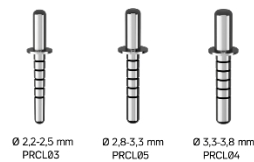
## Round drill

- Ø 2.3 mm
- Stainless steel
- Design of the correct implant's position



## Direction Indicator

- Checks the positioning and direction of the osteotomy



## Drill extension

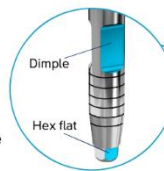
- Increases the length of the drill shaft



EDLCL16

## Implant Driver Handle

- Takes correctly the implant and inserts it into the implant site



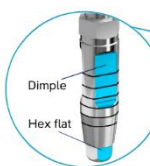
## Hex Driver Handle

- Tightens the CLC CONIC screws (except for the angled screw)

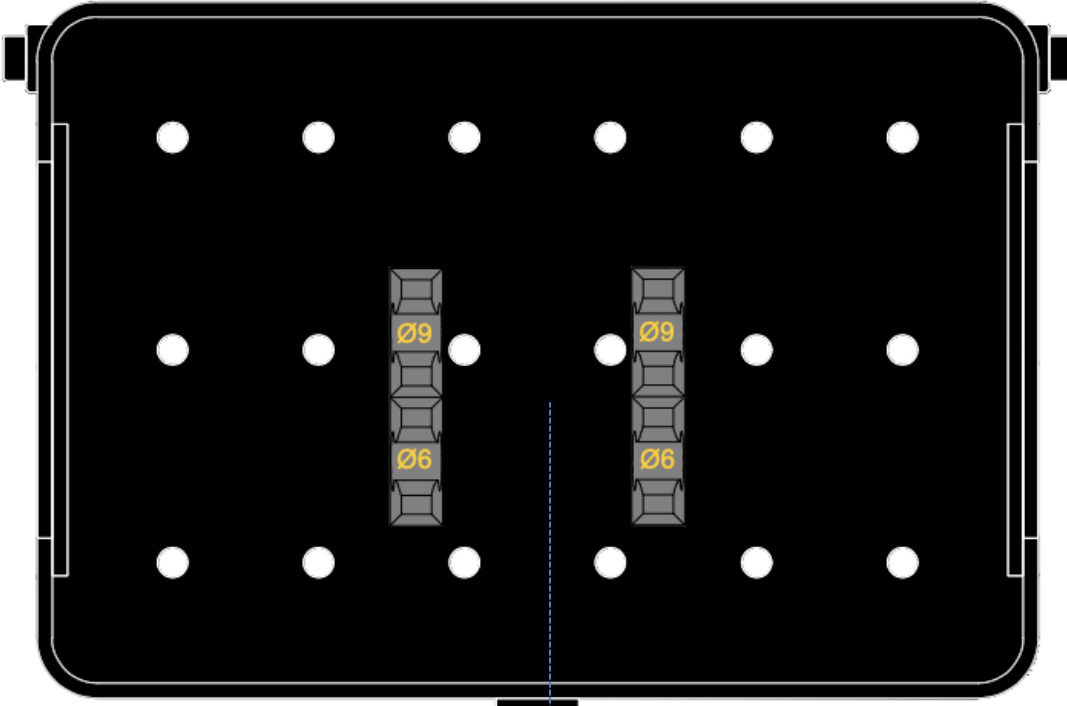


## Implant Driver Fa

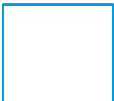
- Takes correctly the implant and inserts it into the implant site



# LOWER TRAY



25-80 n  
CRIC06



**Legenda:** the products surrounded by the blue box are optional

# DRILLING PROTOCOL

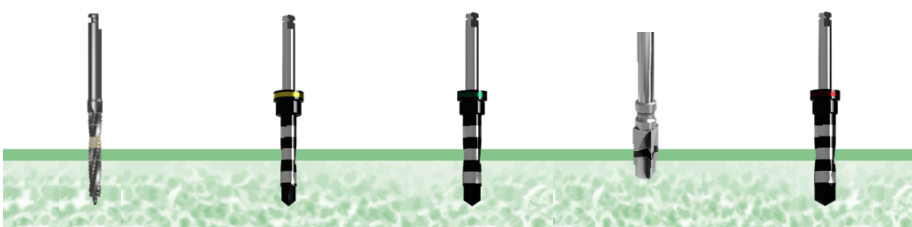
D 3,5



| Bone quality | Drill 1<br>Ø 2.2-2.6 | Drill 2<br>Ø 2.8 | Cortical drill 3,5 | Drill 3<br>Ø 3.3 |
|--------------|----------------------|------------------|--------------------|------------------|
| Hard         | ●                    | ●                | ○                  | ●                |
| Medium       | ●                    | ●                | ○                  |                  |
| Soft         | ●                    |                  |                    |                  |

LEGENDA: ○ optional

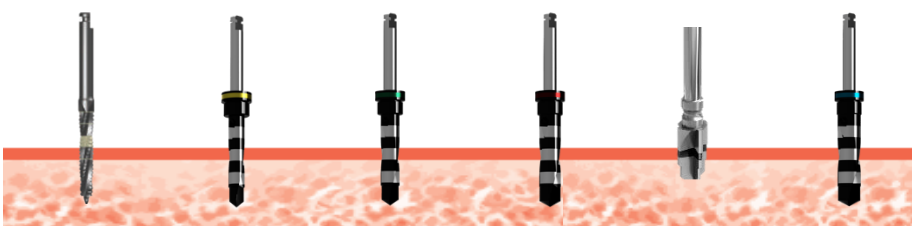
D 4,0



| Bone quality | Drill 1<br>Ø 2.2-2.6 | Drill 2<br>Ø 2.8 | Drill 3<br>Ø 3.3 | Cortical drill 4,0 | Drill 4<br>Ø 3.8 |
|--------------|----------------------|------------------|------------------|--------------------|------------------|
| Hard         | ●                    | ●                | ●                | ○                  | ●                |
| Medium       | ●                    | ●                | ●                | ○                  |                  |
| Soft         | ●                    | ●                |                  |                    |                  |

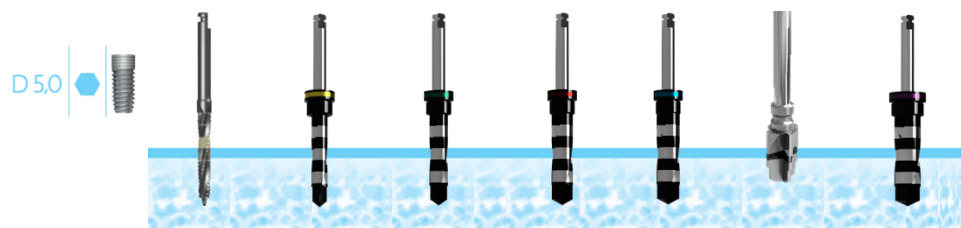
LEGENDA: ○ optional

D 4,5



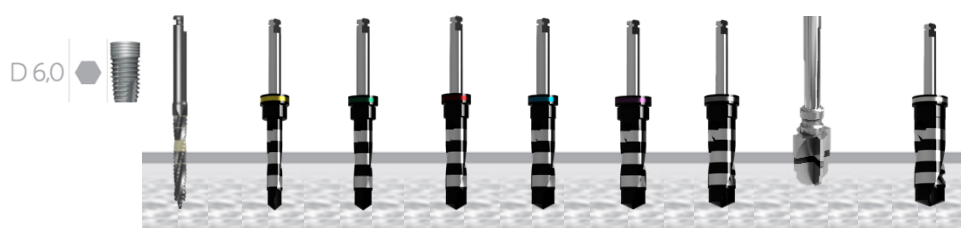
| Bone quality | Drill 1<br>Ø 2.2-2.6 | Drill 2<br>Ø 2.8 | Drill 3<br>Ø 3.3 | Drill 4<br>Ø 3.8 | Cortical drill 4,5 | Drill 5<br>Ø 4.2 |
|--------------|----------------------|------------------|------------------|------------------|--------------------|------------------|
| Hard         | ●                    | ●                | ●                | ●                | ○                  | ●                |
| Medium       | ●                    | ●                | ●                | ●                | ○                  |                  |
| Soft         | ●                    | ●                | ●                |                  |                    |                  |

LEGENDA: ○ optional



| Bone quality | Drill 1<br>Ø 2.2-2.6 | Drill 2<br>Ø 2.8 | Drill 3<br>Ø 3.3 | Drill 4<br>Ø 3.8 | Drill 5<br>Ø 4.2 | Cortical drill<br>5,0 | Drill 6<br>Ø 4.7 |
|--------------|----------------------|------------------|------------------|------------------|------------------|-----------------------|------------------|
| Hard         | ●                    | ●                | ●                | ●                | ●                | ○                     | ●                |
| Medium       | ●                    | ●                | ●                | ●                | ●                | ○                     |                  |
| Soft         | ●                    | ●                | ●                | ●                |                  |                       |                  |

LEGENDA: ○ optional



| Bone quality | Drill 1<br>Ø 2.2-2.6 | Drill 2<br>Ø 2.8 | Drill 3<br>Ø 3.3 | Drill 4<br>Ø 3.8 | Drill 5<br>Ø 4.2 | Drill 6<br>Ø 4.7 | Drill 7<br>Ø 5.2 | Cortical drill<br>6,0 | Drill 8<br>Ø 5.7 |
|--------------|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|------------------|
| Hard         | ●                    | ●                | ●                | ●                | ●                | ●                | ●                | ○                     | ●                |
| Medium       | ●                    | ●                | ●                | ●                | ●                | ●                | ●                | ○                     |                  |
| Soft         | ●                    | ●                | ●                | ●                | ●                | ●                |                  |                       |                  |

LEGENDA: ○ optional

**Drilling speed:** Drilling must proceed at high speed (800-1200 RPM) under constant and abundant external irrigation of sterile saline solution at room temperature. In dense bone conditions, drill in a continuous back-and-forth motion. The Drill 1 Ø 2.2-2.6 must proceed at a recommended speed of 1000 RPM.

**Depth measurement system:** The drills have a real-depth measurement system. All drills and components are marked to allow preparation of the implant site to the correct depth and to achieve predictable and stable positioning of the implant.

**Attention:** Twist Drills extend up to 1.0 mm beyond the implant in place. Therefore, when drilling close to vital anatomical structures, the increased length must be taken into account.



For more information on the products and solutions offered by CLC Scientific, visit the website <https://clcscientific.com/en/>.

#### CLC SCIENTIFIC SRL

**Operating Office**

Viale Zileri 4/16b 36050 Vicenza - Italy

**Head Office**

Via Vecchia Ferriera 18, 36100 Vicenza - Italy

**Phone:** Tel. +39 0444 027341

**Email:** [administration@clcscientific.com](mailto:administration@clcscientific.com)

**Website:** [www.clcscientific.com](http://www.clcscientific.com)

