



# Strong sw



**S.I.N.**  
Implant System

# A UNIVERSE OF POSSIBILITIES AND BENEFITS.

The Strong SW line delivers a unique experience to those professionals who aim for outstanding results.

With an exceptional clinical practicality the Strong SW line has a complete range of implants.



› **Apex:**  
Support and stability for cases of thin bone thickness.



› **Cervical microthreads:**  
Increases the bone contact area and improves the dissipation of occlusal forces.

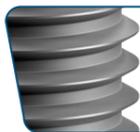


› **Accurate fit:**  
Exclusive prosthetic components and high resistance to dissipate transverse and axial forces.

› **Manufactured in Titanium Grade 4:**  
Extremely light metal, very resistant to corrosion, wear and fracture.

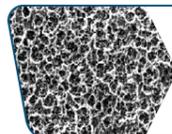


› **Hybrid macrogeometry, cylindrical body and conical apex:**  
Combining the best of tapered and cylindrical implants. Indicated for all bone densities. Full contact between implant and bone.

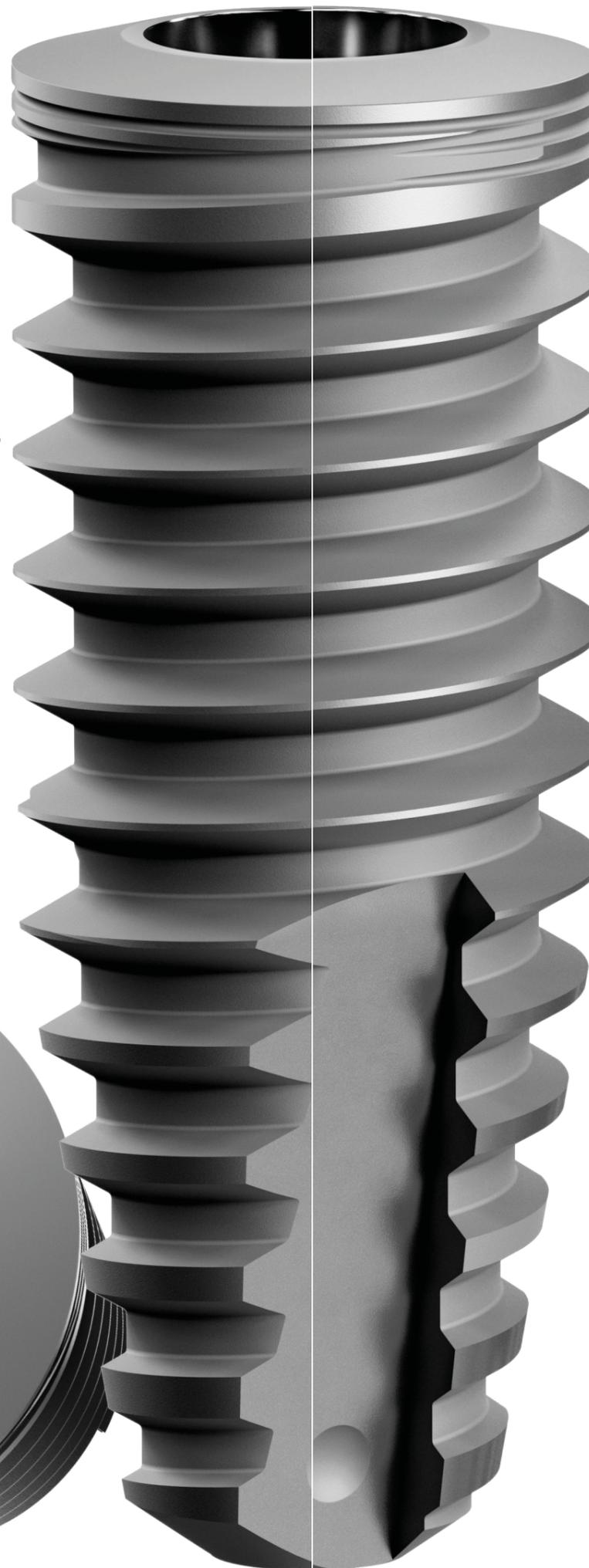
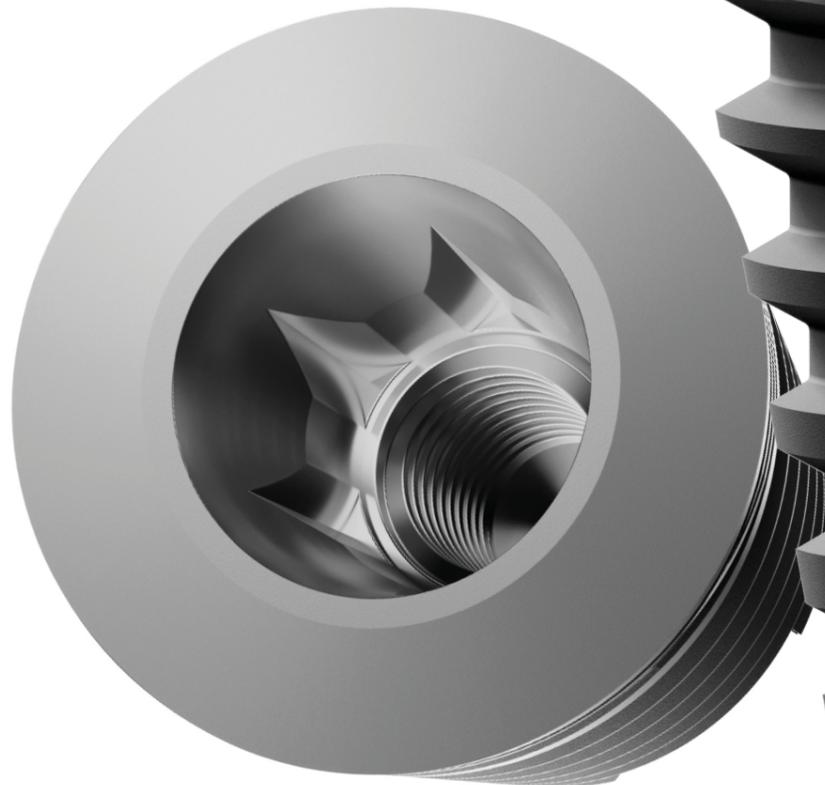


› **Trapezoidal thread:**  
The depth and space of its threads offer high primary stability and faster insertion.

› **Ultra Threading:**  
The sharper profile threads simplify the implant placement.



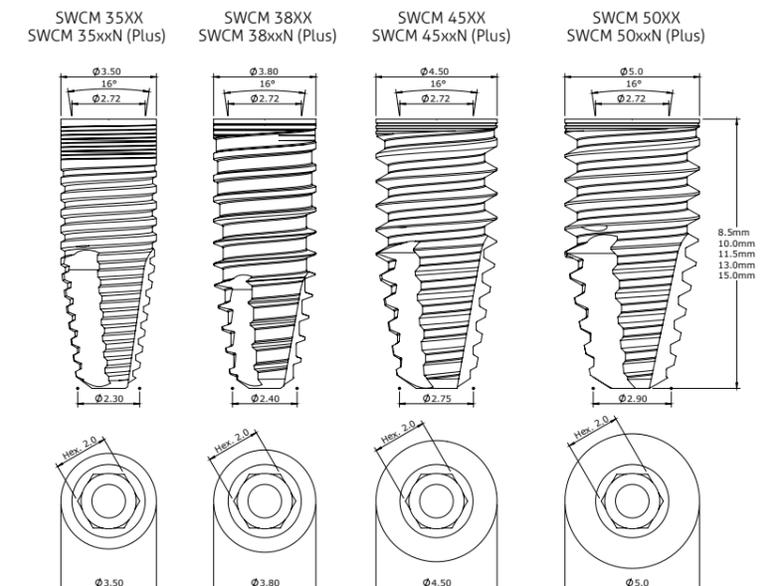
› **Complete surface treatment:**  
Double acid etching treatment up to the connection area.



# Strong SW

- › Indicated for all bone types and for rehabilitation with immediate or late loading.
- › Also recommended for small mesiodistal spaces (lower incisors and upper lateral).
- › It allows the installation in any type of bone, including post-extraction.
- › Single or multiple implants.
- › 3 key options for installation (contra-angle, ratchet and digital key).
- › For installation at bone level, purchase the TIMC implant cover.

## MORSE TAPER 16° Technical measures



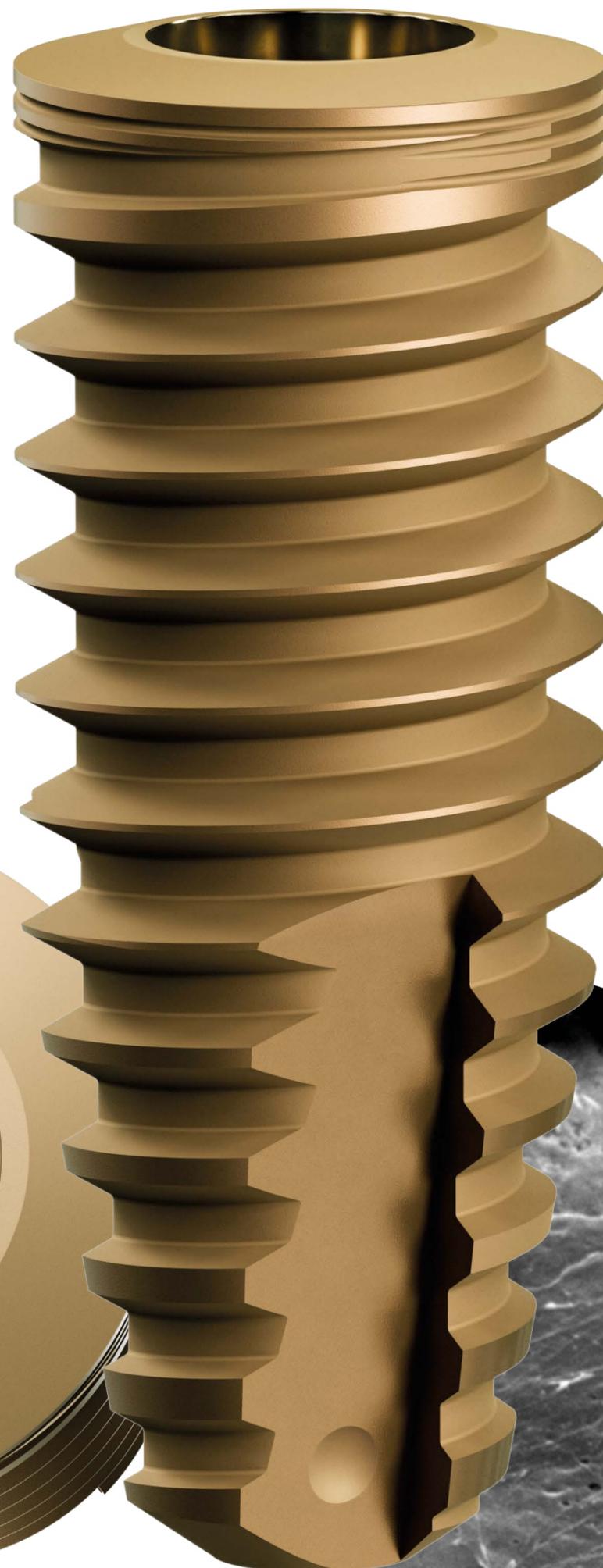
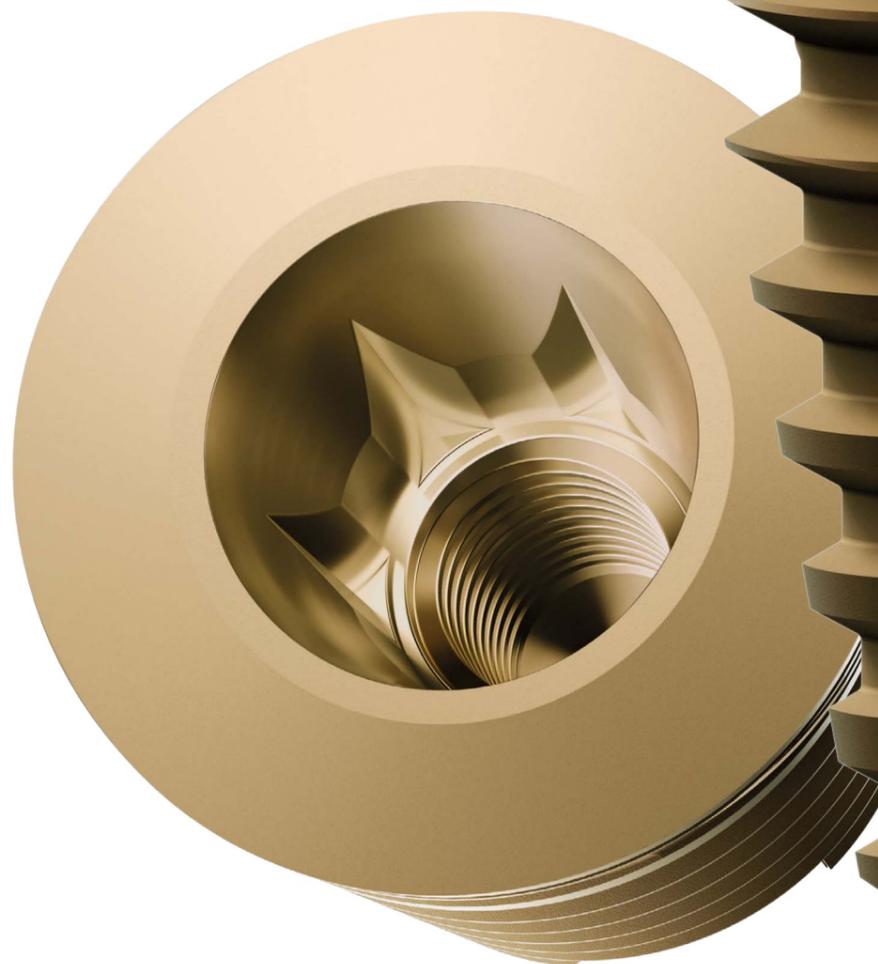
# Strong SW **PLUS**



- › **1.5 mm infra-bone installation.**
- › Internal angle of 16°.
- › Speed of the Initial drills: 1.500 rpm.
- › Speed of the Drills 3.5 to 5.0mm: 800 rpm.
- › Speed of the Bone tap: 25 rpm\*.
- › Insertion speed: 20 to 40 rpm
- › Immediate loading: recommended torque from 45 to 80 N.cm.\*\*
- › Late loading: maximum Torque 45 N.cm.

\* The use of the bone tap is optional in bone type I and II because it is a compressive implant, however the maximum torque must always be respected.

\*\* Relative contraindication in patients with systemic or local problems and at professional' discretion.



**THE STRONG SW VERSATILITY  
NOW WITH PLUS SURFACE**

**HA<sup>nano</sup> Surface**

**DISCOVER THE GOLDEN STANDARD OF OSSEOINTEGRATION,  
DEVELOPED AT LEADING UNIVERSITIES IN SWEDEN.**

**+Thinner**

Nanometric layer of hydroxyapatite crystals.

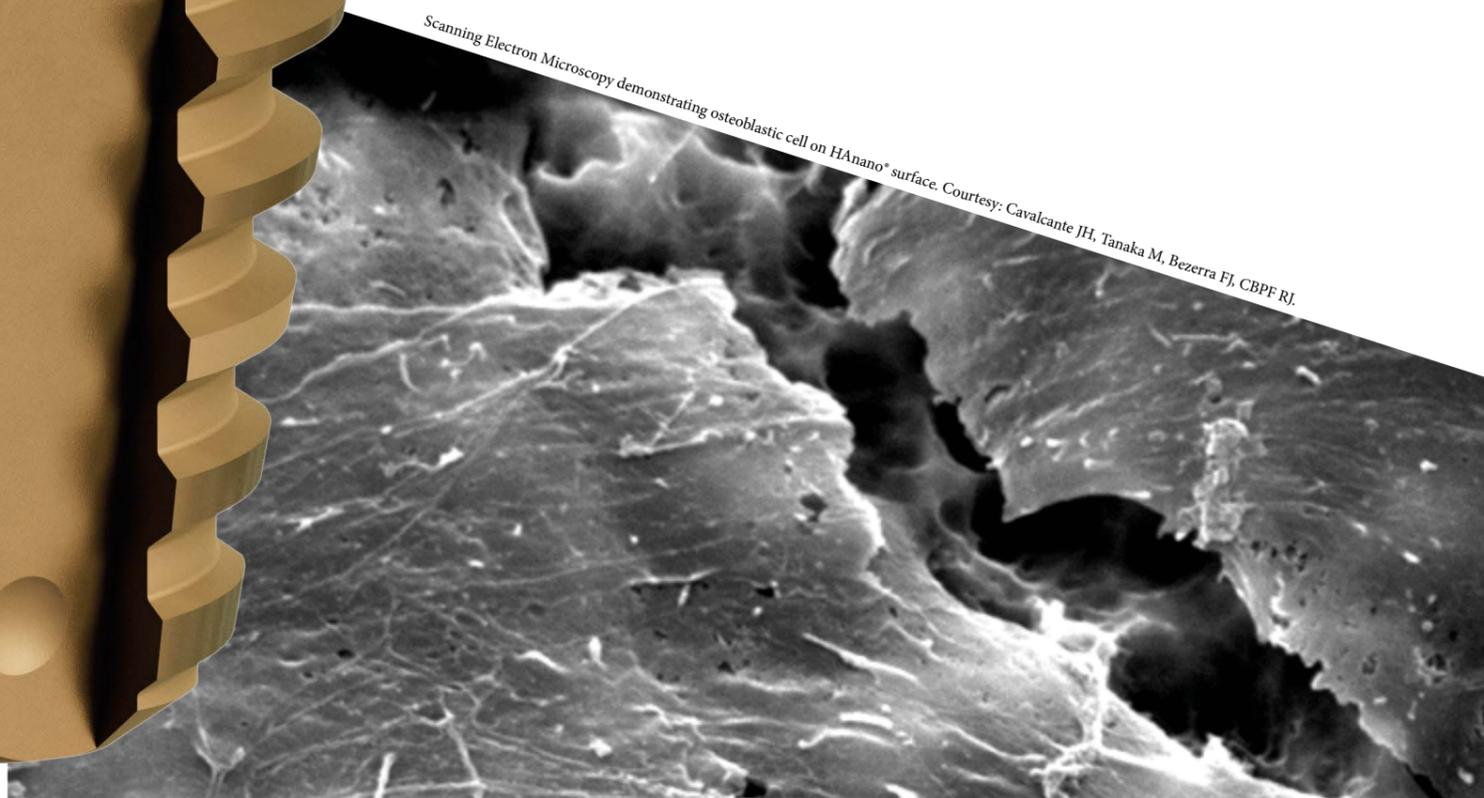
**+Stronger**

Better early bone growth and implant anchorage strength.

**+Faster**

Hydrophilic surface that accelerates the functions of osteoblasts, thus building more bone in less time.

Scanning Electron Microscopy demonstrating osteoblastic cell on HA<sup>nano</sup> surface. Courtesy: Cavalcante JH, Tanaka M, Bezerra FJ, CBPF RJ.



# STRONG SW SAFE DRILL KIT

## ACCURACY, SAFETY AND LESS SURGERY TIME.

Color-coding system simplifies the clinical use.

The Safe Drill Strong SW Kit is only compatible with the Strong SW Surgical Kit.



Accuracy and safety: Safe drilling to desired depth, eliminating visual control and osteotomy pauses.

Performance and efficiency: unique polyacetal limiters with perfect fit and high strength, which ensures greater durability of the kit.

CODE: KMSD 02

# STRONG SW SURGICAL KIT

## A SINGLE KIT, SEVERAL POSSIBILITIES.

Drills with DLC (Diamond Like Carbon): Less bone heating and high cutting power.

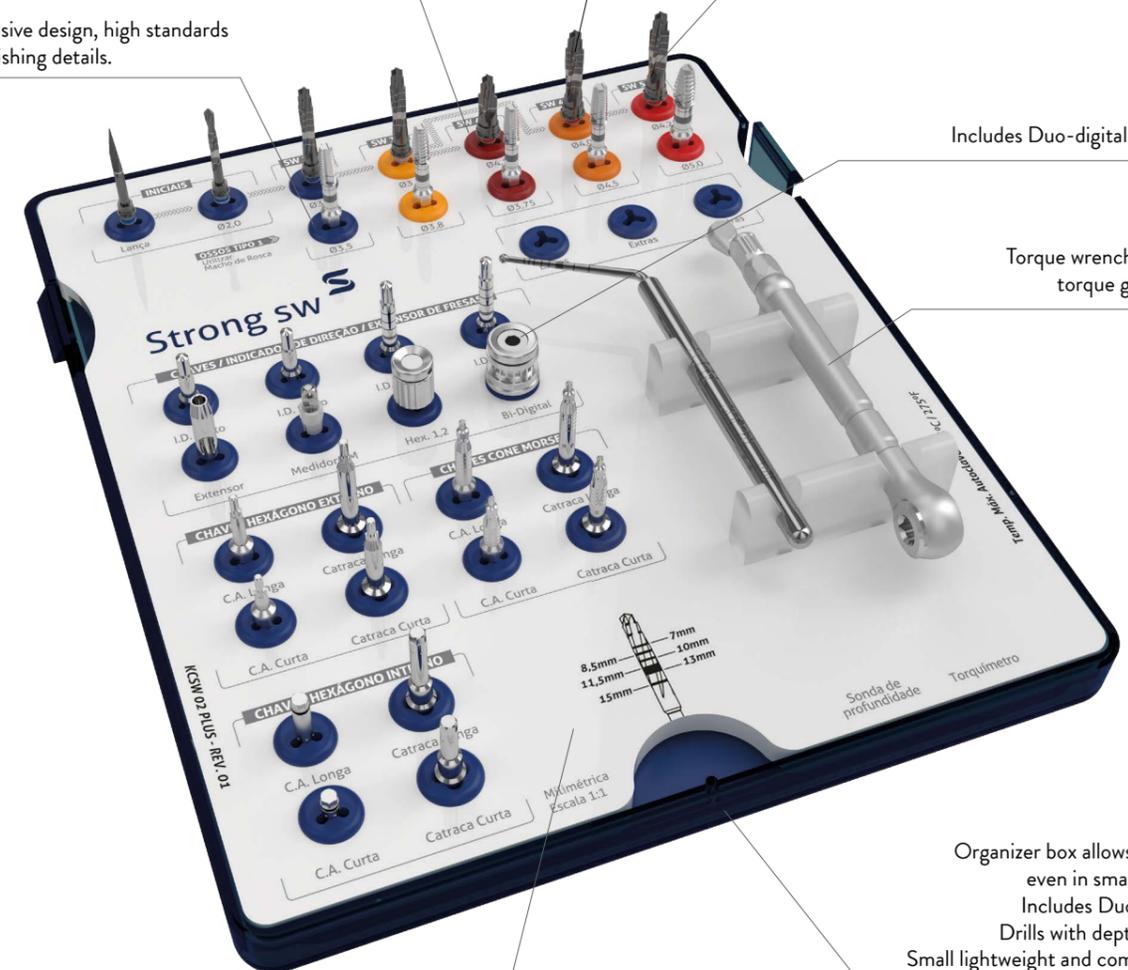
Only 7 drills:  
 • Very simple drilling protocol.  
 • Color coding sequence.

Exclusive design, high standards in finishing details.

Drills with depth indication.

Includes Duo-digital key.

Torque wrench with torque gauge.



Organizer box allows sterilization even in small autoclaves. Includes Duo-digital key. Drills with depth indication. Small lightweight and compact design.

A single kit for the entire Strong SW line: possibility of installing Morse Taper, External and Internal Hex implants with the same kit.

CODE: KCSW 02



Discover Implantat, the educational habitat of S.I.N. Implant System.

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