

# SIRIO IMPLANT

**TIPOLOGY** Sirio design allows an excellent primary stability in soft or low quality bone ( D3-D4). Thanks to its revolutionary thread, Sirio can advance through the bone, while compacting it.

**SURGERY** The transmucosal machined cervical area simplifies the use of this implant in post extraction sockets.

**ADVANCED** The proper implant for total or partial edentulous patients, and sinus lift interventions.

## 1 SWITCHING PLATFORM

- Optimal prosthetic choices, respecting the parallelism
- Widen contact area between implant surface and abutment
- Internal NORMAL connection 4 and 4,5 mm diam.
- Internal LARGE connection for molar region 5 mm diam.

## 2 TRANSMUCOSAL MACHINED COLLAR

- Maximum support for soft tissues
- Standard height 1,3 mm
- Lower crestal reabsorption in post extractive sockets
- Better hygienic management even in case of peri-implantitis

## 3 SHARP EDGE THREAD

- Sharper screw and deeper thread
- Condensing the bone while fastening
- High primary stability

## 4 ANATOMICAL DESIGN AND CYLINDRICAL-CONICAL STRUCTURE

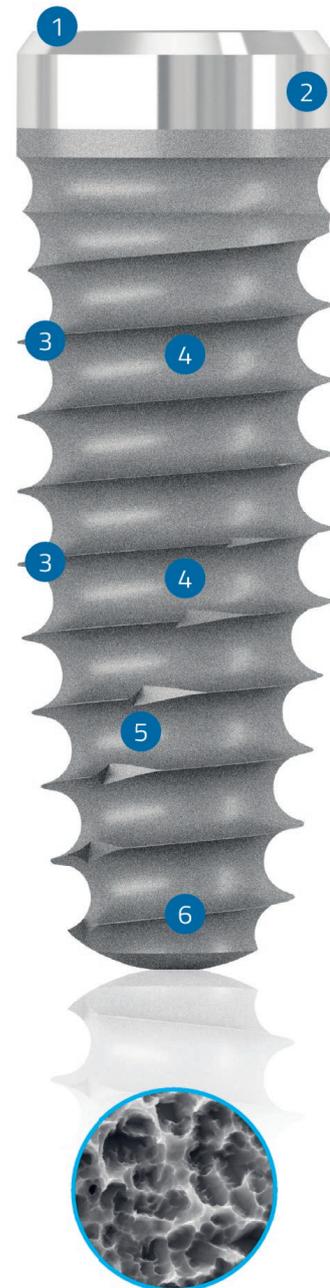
- Brand new morphology, perfectly suited to obtain primary stability
- Under-osteotomy sequence, using calibrated drills with stopper

## 5 SELF TAPING SYSTEM

- Self taping
- Self drilling

## 6 ATRAUMATIC PENETRATING APEX

- Allows the implant to penetrate under prepared sockets
- Helps to lift the membrane of the sinus
- Avoids the risk of perforation

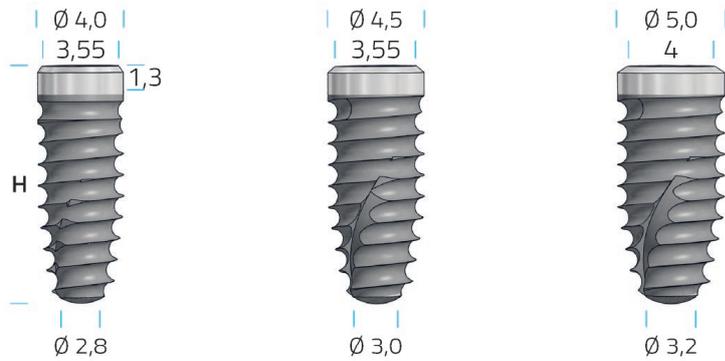


**ACID ETCHED  
SURFACE**

# Sirio

## Hybrid contour internal hexagon implants

### Codes and measurements



H	Ø 4,0 <span style="color: green;">■</span>	Ø 4,5 <span style="color: gray;">■</span>	Ø 5,0 <span style="color: red;">■</span>
8,5 mm	SIRIO 4-8,5	SIRIO 4,5-8,5	SIRIO 5-8,5
10,0 mm	SIRIO 4-10	SIRIO 4,5-10	SIRIO 5-10
11,5 mm	SIRIO 4-11,5	SIRIO 4,5-11,5	SIRIO 5-11,5
13,0 mm	SIRIO 4-13	SIRIO 4,5-13	SIRIO 5-13
14,5 mm	SIRIO 4-14,5	SIRIO 4,5-14,5	-
Platform	<b>Normal</b>	<b>Normal</b>	<b>Large</b>

Normal

Large



A full machined version of this implant is available on request



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# Surgical protocol Sirio implants

## Simplified osteotomy sequence in soft bone (D3/D4)

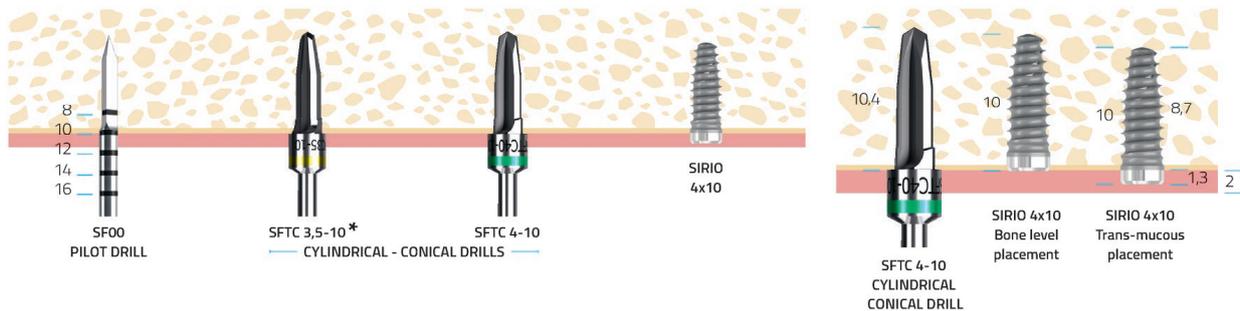
Sirio implants do not require a peculiar insertion protocol. At the discretion of the practitioner, osteotomy is carried on more or less underprepared, according to the bone quality, to achieve the initial desired stability.

\*Every diameter can be positioned with an intermediate drill in D4 bone, without bone tapers, achieving the optimal primary stability. Transmucosal 1,3 mm collar is employed at the contact with the bone or with soft tissues.

**Intervention example with 10mm length implant, positioned transmucosal with 2 mm soft tissue.**  
Surgical drills are longer than the implants, the colored insert indicates the diameter.

### Sirio implant Ø 4,0 h 10

D3/D4 bone



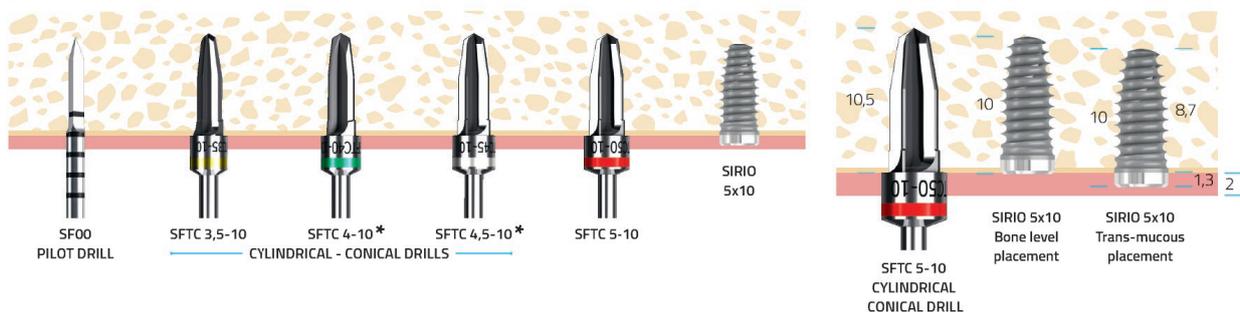
### Sirio implant Ø 4,5 h 10

D3/D4 bone



### Sirio implant Ø 5,0 h 10

D3/D4 bone



The improved design of the drills with stopper is the secret weapon for a safe and intuitive bone preparation. Another peculiar feature is the recovery of the bone during the drilling action, that can be used for bone regeneration (as autologous bone graft). Thus, it is important to clean the cavity of the drill to ensure an optimal cutting during the preparation of the implant site. They're equipped with a color marking that refer to the diameter of the implant.

\* Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.