

PRODUCT DATA SHEET

Suitable for immediate, early or late loading. Original implant specially designed to meet the essential concepts in osseointegration: "immobilization, fixation and primary stability".

The unique self-advancing / self-tapping thread design including wide trapezoidal threads, creates a close implant-to-bone contact thus ensuring maximum primary stability. Implants are manufactured in Titanium alloy Grade 5 (66% more resistant than Titanium Grade 2).

REACTIVE Implant Delivery:

DIAMETER	PLATFORM	LENGTH (mm.)				
		-	10	11,5	13	15
Ø 3.00 mm.	3.00	-	10	11,5	13	15
Ø 3.50 mm.	3.50	-	10	11,5	13	15
Ø 4.30 mm.	4.30	8	10	11,5	13	15
Ø 5.00 mm.	5.00	8	10	11,5	13	-

Sterilized by Gamma Radiation. It is packed in double tamper-resistant container that preserves sterility and facilitates handling. Patient chart label included.

Sterile Cover Screw included.

THE IMPLANT IS DIVIDED INTO THREE SEGMENTS:

- **Intraosseous segment (a):** The diameter of the tip gradually narrows, ending in a semi-sharp end for easy insertion of the implant.
- **Conical mid-segment (collar) (b):** 1 mm in height with micro-turns. Treated surface for better positioning of the epithelial attachment and the biological width.

- **Internal connection segment (c):** 3.00 mm. narrow platform. Conical internal connection with slots. 3.50 and 4.30 mm. conical plus hex connection.

Features a threaded cavity where the different prosthetic pieces are fixed. Available prosthetic solutions: Carvable temporary abutment in Peek, UCLA with a chrome-cobalt base, castable UCLA, Titanium 7 & 9mm straight abutment, 15° preangled abutment, 3 & 5 mm height healing abutments helping to shape the gingiva. Lock-attach and multi-unit system available.

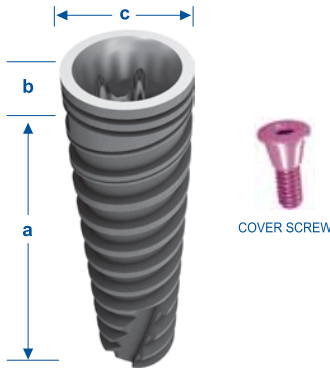
IMPORTANT: MAXIMUM APPROVED TORQUE FOR ALL PROSTHETIC ABUTMENTS FOR 3.00 MM PLATFORM: 15 cN

INSTRUMENTAL REQUIRED:



REACTIVE

3.00 - 3.50 - 4.30 - 5.00 mm Ø



REACTIVE

3.00 - 3.50 - 4.30 - 5.00 mm Ø

SURGICAL PROTOCOL:

- Determine number and position of implants to be placed.
- Expose the crest of the bone through incision of soft tissue with a punch or small flap, according to anatomical characteristics.
- Begin with a 1.50 or 2.00 mm. diameter spade drill through the cortical bone and then some millimeters into the medullary tissue.
- Confirm previous diagnosis on bone density.
- Proceed with the usual sequence increasing gradually the drill diameters, according to the following table, until the indicated diameters are reached for each case.
- The diameter of the drills used also varies according to bone density as per the information on the table shown.

IMPLANT & DIAMETER	CLASS 1	CLASS 2	CLASS 3	CLASS 4
3.00 mm	2.50 mm	2.50 mm	2.00 mm	2.00 mm
3.50 mm	3.00 mm	3.00 mm	2.80 mm	2.80 mm
4.30 mm	4.00 mm	4.00 mm	3.50 mm	3.50 mm
5.00 mm	4.30 mm	4.30 mm	4.00 mm	4.00 mm

- Drills must reach a depth corresponding to the measures shown in the following table. According to this, the turns and the apical segment of the implant are inserted into intact bone, ensuring "immobilization, fixation, and primary stability".

8.00 mm. implants	_____	6.00 mm.
10.00 mm. implants	_____	7.00 mm.
11.50 mm. implants	_____	8.50 mm.
13.00 mm. implants	_____	10.00 mm.
15.00 mm. implants	_____	12.00 mm.

- After socket is finished, place the implant on the surgical socket, using the manual driver or mount driver suitable for each platform and having little space.
- Thread using ratched wrench or by handpiece using the correct driver. Maximum torque of 30 cN on Reactive platform 3.0 and 60 cN on the other platforms.
- The handpiece driver must be operated at low RPM.

- Once the implant placement is finished, the chosen prosthetic attachment is placed according to the type of reconstruction. Use healing abutment or "cover screw" in two steps procedures.

- Approximate osseointegration times: two months for the jaw and three months for the maxilla.

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CRITERIA FOR PATIENT SELECTION:

Healthy patients, suitable for surgery.

Clinical, X-ray and computed-tomography studies, making of computed tomographic and surgical guides.

Patents requiring treatment in the anterior portion and having little space.

General considerations: For additional information, please refer to Odontit's Implant System's Manual printed version or view the electronic version visiting www.odontit.com