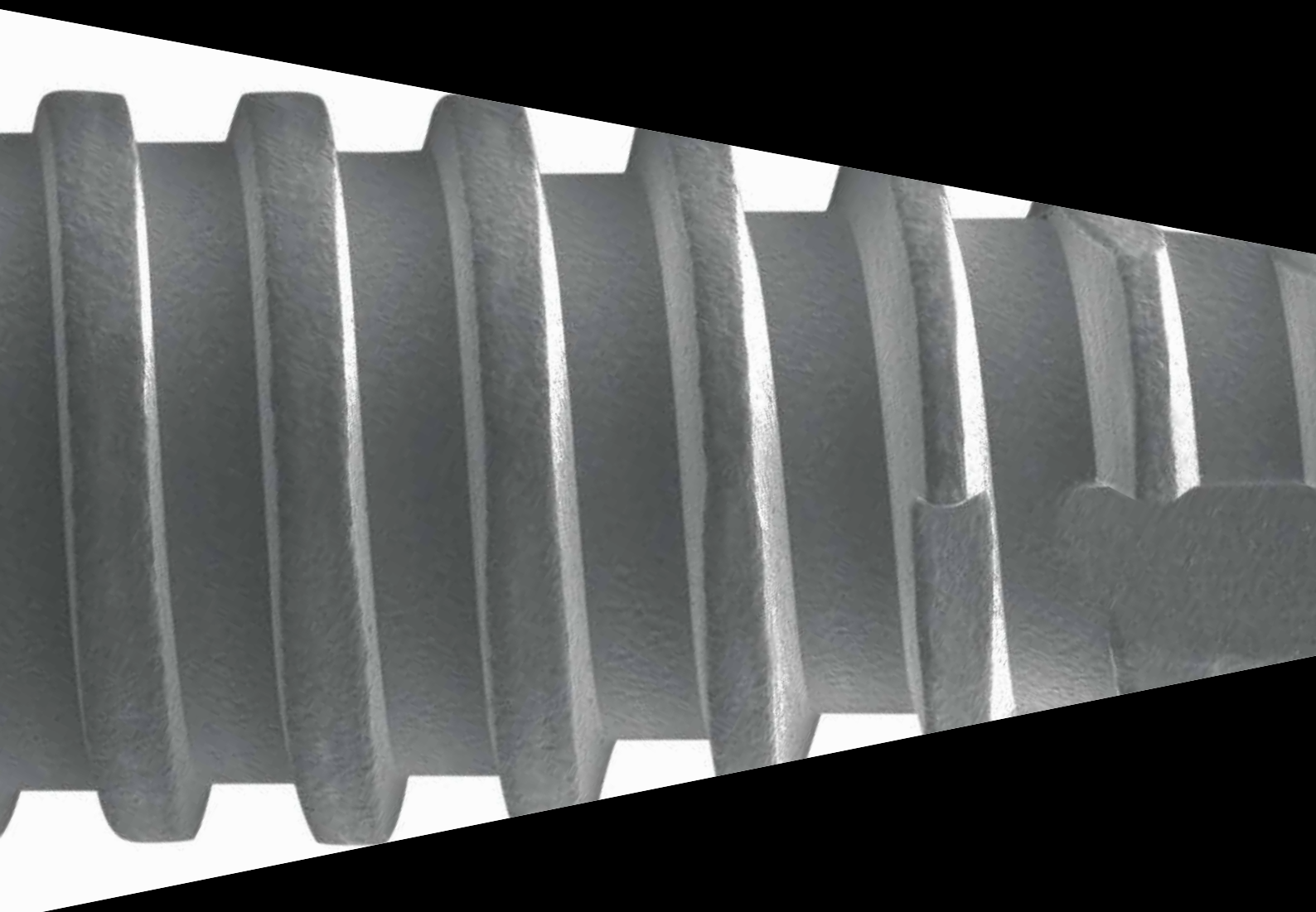


IMPLANTOLOGY

Outlink²slim




sweden & martina

Characteristics

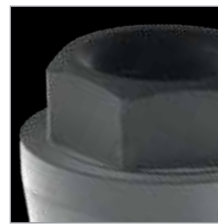
Outlink² SLIM has an **endosseous diameter of Ø 3.30 mm** and a body treated with ZirTi surface for a length of 10.00, 11.50 or 13.00 mm. The coronal portion, 1.80 mm high, is characterized by a **machined surface**. The Outlink² SLIM implant, with **5 years of clinical tests behind**, has an external hexagon connection. Due to this characteristic, this implant is advised in case of multiple edentulism with a marked disparallelism, because it facilitates the impression taking and the following insertions and extractions of prosthetic components. Moreover, the hexagon, 1.00 mm high, guarantees a great stability to disto-mesial and antero-posterior movements.

Clinical indications

The use of Outlink² SLIM implants is recommended when the clinician prefers to avoid bone regeneration techniques or ortodontic teeth movement. In general, in the cases when there is reduced mesio-distal space, such a narrow implant can be the right solution to replace a missing element. Therefore Outlink² SLIM is recommended in the following cases:

- reduced prosthetic space in the anterior sectors;
- thin crests;
- post-extractive transversal reabsorption;
- immediate loading;
- substitution of single elements corresponding to lateral incisor of the upper arch and to lateral and central incisor of the lower arch;
- all the cases where there is an appropriate soft tissues thickness for the flapless insertion of transgingival implants in the anterior sectors;
- blocking of removable prosthesis with overdentures;
- realization of Toronto bridges or support of "full arch" prosthetic reconstructions with an adequate number of implants.

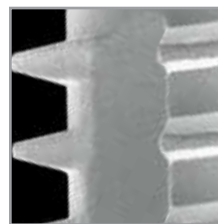
ZirTi portion	code
10.00 mm	EB-ZT-300-100
11.50 mm	EB-ZT-300-115
13.00 mm	EB-ZT-300-130



Despite the **endosseous diameter of 3.00 mm**, Outlink² SLIM present high **resistance and stability** values thanks to the external hexagon connection of h 1.00 mm.



The implant body has a triangular profile spire with a pitch of 0.80 mm and a depth of 0.50 mm.



The **apical incisions** increase the self-tapping properties of the implant and offer a zone of decompression and rash of the clot.

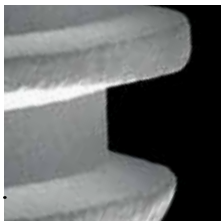


Multifunctional mounter

As well as the traditional **function of carrier for the transport and positioning** of the implant, the particular conformation of the Outlink² SLIM mounter also allows it to be used as a **transfer** when taking the impression and as a **post** during prosthetic rehabilitation.



The neck of the Outlink² SLIM implants, 1.80 mm high, is perfect to guarantee the respect of the biological width, and allows a great management of soft tissues.



The **high-performing spire**, together with the **reduced diameter**, allows the optimization of the implant insertion, even in reduced-space sites.



The **tapered apex** has three notches which give the implants great self-tapping properties.



The thickness of the mounter is such as to allow it to be reduced in height if necessary, or milled, and to create repositioning coulisses for the prosthesis.

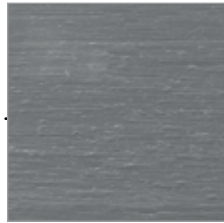
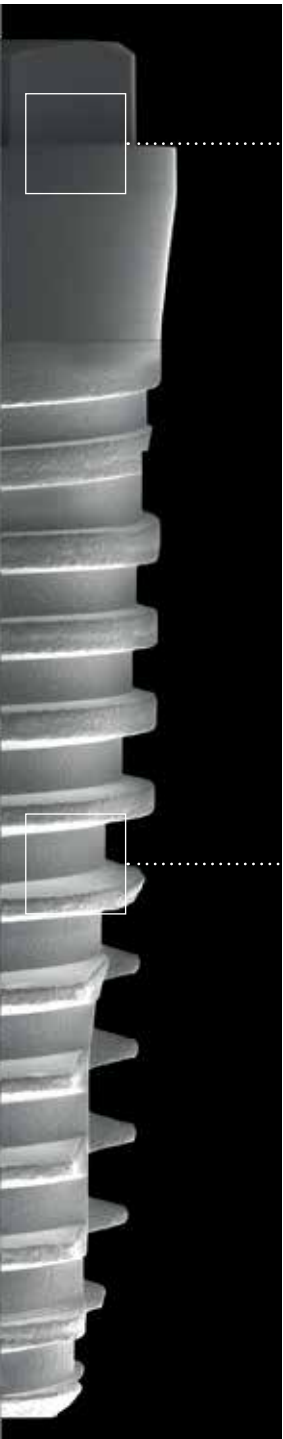
The mounter of Outlink² SLIM has two repositioning faces that guarantee a good non-rotational aspect in the impression phase.



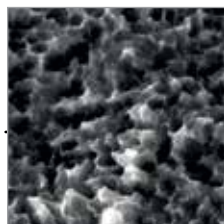
The golden colour of the mounter/post guarantees maximum results as regards the aesthetic appearance of reconstructions.

Surface

Outlink² SLIM implants are available with ZirTi surface. They are characterized by a machined neck and body treated with zirconium oxide sandblasting and acid-etching with mineral acids.



The **machined neck** allows a perfect control of the connection diameter and prevents the accumulation of dental plaque in the area where it joins the post.



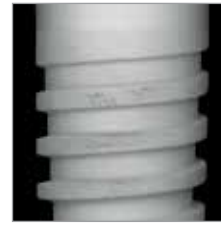
The ZirTi body is **sandblasted with zirconium oxide and acid-etched with mineral acids**. These techniques confer to the surface the micro-morphologic characteristic which allows the increase of the bone-implant contact surface and guarantees a great primary stability.

Cold plasma surface decontamination

At the end of the surface treatment, the implants are subjected to a careful **cleaning and decontamination process** by means of cold plasma triggered in Argon after being cleaned of the main processing residue with numerous washing cycles in specific solvents. What is decontamination? It is the total removal of dirt, particle residue and Bioburden from the surface of the implants, carried out before sterilisation.

During the Argon treatment, the gas atoms are partially ionized, they acquire energy and "bombard" the surface of the fixture violently. This kind of "**atomic sand-blasting**" removes organic contaminants without leaving any traces or additional residuals.

Successively, the decontaminated implants are sterilized through radiation with beta rays, for a total elimination of the residual microbial load.



Implant before the decontamination process



Implant after the decontamination process



Versatility of the insertion protocol

According to the clinician's evaluations, the implant can be inserted leaving the machined portion **juxta-osseous**; in this case, its low-roughness surface will facilitate a great aesthetic and the regeneration of soft tissues.

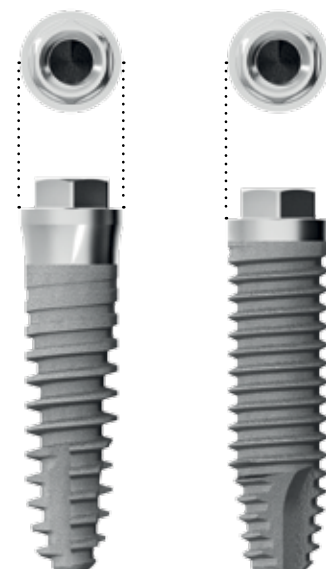
Otherwise, the machined portion can be inserted below the bone level increasing the preparation depth. The machined neck of the Outlink² SLIM implant is suitable to ease the maintenance and the hygiene both at home and at the practice.

Surgical instruments and prosthetic components common to the Outlink² system

The Outlink² SLIM connection is **the same of the Outlink² Ø 3.30**, therefore the needed prosthesis is the same for both the implant systems. Such compatibility eases the management of the prosthetic components.

Similarly, the Outlink² SLIM implant has to be inserted using the instruments included in the Outlink² or OneBox² surgical kits.

Therefore, there is no need for additional surgical kits and/or supplementary instruments.





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