# HITS IMPLANTS

## COMPATIBLE DENTAL IMPLANTS



STRAUMANN TISSUE LEVEL® Compatible

**BWS® surface** is made by a sandblasting and acid etching process. This double process allow to obtain an extremely clean surface with a uniform and homogeneous roughness that promotes cell adhesion.

#### **OPTIMAL ROUGHNESS VALUE**

SANDBLASTING AND ACID ETCHING

The process of sandblasting and acid etching the implant surface makes it possible to obtain optimal values of roughness creating the strongest fibrin adhesion to the surface and facilitating the bone healing process by significantly reducing the time.

#### CONTACT OSSEOINTEGRATION FIBRIN ADHERENCE

The capacity of BWS® to retain fibrin, lets osteoblasts migrate from the bone to the implant surface and reproduce there, generating new bone in direct contact with the titanium (contact Osseointegration).

#### **SEM CONTROL**

#### THE IMPLEMENTED PROTOCOL PROVIDES VERIFICATION OF EACH BATCH OF PRODUCTION

After the surface treatment and the classic washings, HITS Implants are additionally cleaned with Argon Cold Plasma to minimize carbon contamination. Subsequently, minute controls are performed on the fixture with scanning electron microscopes (SEM).



- Packaging in controlled environments
- Clean room ISO 7
- Packaging impermeable to micro-organisms
- Gamma ray sterilisation process guarantee the creation of products that are extremely safe for users and their patients

# **BWS**<sup>®</sup>

**OSSEOINTEGRATION WITH MORE THAN 20 YEARS OF HISTORY** 

#### **MICRO-GROOVES**

Horizontal micro-grooves to reduce resorption of the crestal bone.

#### POLISHED CROWN PORTION

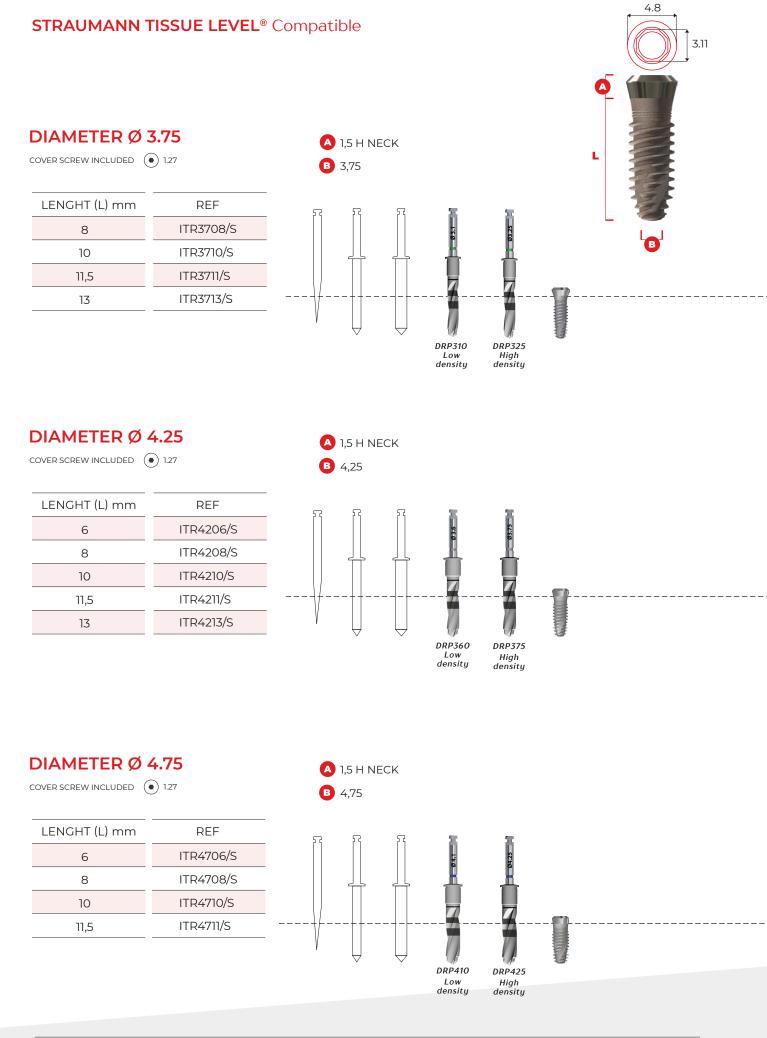
The 1.5 mm polished transmucosal portion allows to better manage the transgingival path.

#### **BETTER PENETRATION**

Apical cutting area to collect bone fragments, thus reducing compression on the bone.

#### NON-TRAUMATIC APEX

The non-traumatic apex that has no sharp surfaces makes this the choice implant when anatomical structures, such as the maxillary sinus and the alveolar nerve, need to be safeguarded.



Warning All drills are 0,8 mm longer than the implant. In the planning stage and while drilling in proximity to vital anatomical structures, this added length must be considered.

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#### STRAUMANN TISSUE LEVEL® Compatible | Surgical instruments





HANDWHEEL [TI <sub>5</sub> ]	
LENGHT (L)mm	REF
6	AMC016

EXTENSION FOR [ [Inox]	Ĩ	
LENGHT (L)mm	REF	
6	KI589	L U

#### EXTENSION [ Inox ]

LENGHT (L)mm	REF		2
7	PMC115	SHORT	
12,5	110026	LONG	ت ب



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