

# HITS IMPLANTS

COMPATIBLE DENTAL IMPLANTS



ZIMMER RP® 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®

OSSEOINTEGRATION WITH MORE THAN 20 YEARS OF HISTORY





### **MICRO-GROOVES**

Micro-grooves to limit bone resorption.  
The implant's screwing axis can be adjusted.

### **BETTER PENETRATION**

Spiral profile with hybrid progress: flat and radiating towards the root, triangular-shaped externally, for greater penetration into incompletely prepared sites.

### **APICAL**

With helicoidal progress to enhance stable penetration.

# **Parallel**

## **Cylindrical/Conical**

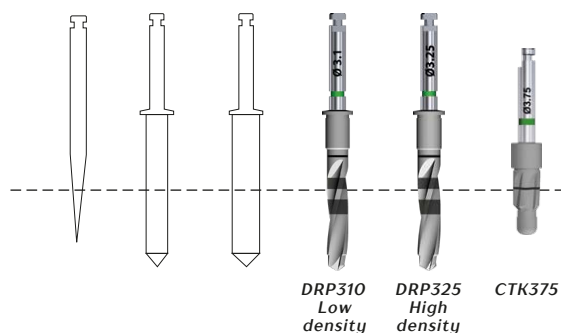
## ZIMMER RP® Compatible Cylindrical/Conical

### DIAMETER Ø 3.75

COVER SCREW INCLUDED  1,27

LENGHT (L) mm	REF
8	PIZ3708/S
10	PIZ3710/S
11,5	PIZ3711/S
13	PIZ3713/S
16	PIZ3716/S

**A** 2,7

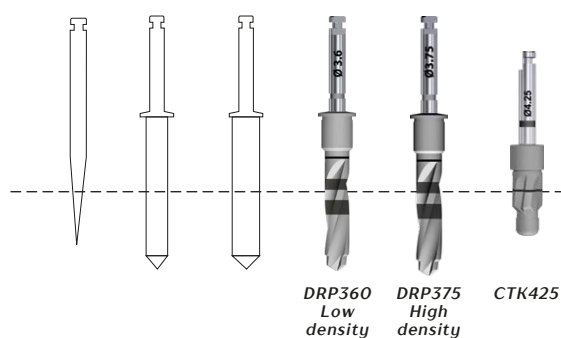


### DIAMETER Ø 4.25

COVER SCREW INCLUDED  1,27

LENGHT (L) mm	REF
8	PIZ4208/S
10	PIZ4210/S
11,5	PIZ4211/S
13	PIZ4213/S
16	PIZ4216/S

**A** 3,05

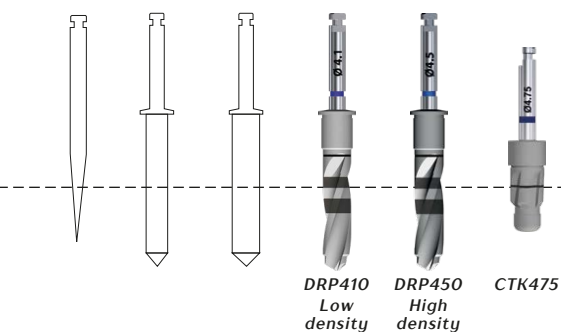


### DIAMETER Ø 4.75

COVER SCREW INCLUDED  1,27

LENGHT (L) mm	REF
8	PIZ4708/S
10	PIZ4710/S
11,5	PIZ4711/S
13	PIZ4713/S

**A** 3,55



**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.





### **SPIRAL DESIGN**

The unusual spiral design simplifies the procedures of Ridge Expansion.

### **RISK REDUCTION**

Less risk of damaging adjacent teeth and perforation of the lingual and/or buccal cortical plates.

### **SELF-TAPPING COIL**

Exceptional self-tapping capability which provides improved bone condensation and increased primary stability, even in highly complex clinical cases.

### **BONE MAINTENANCE OVER TIME**

Allows a greater reduction of bone osteotomy to be achieved, which results in lower bone loss and reduced surgical trauma.

### **OPTIMAL CHOICE OF POSITIONING**

Allows a change in direction in order to achieve the optimum position of restoration, especially in post-extraction sites.

# Active

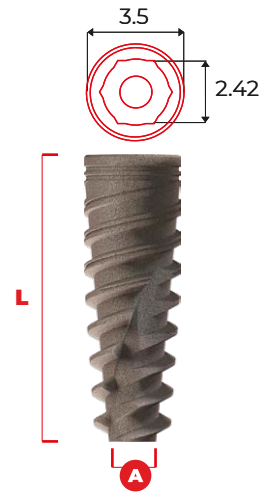
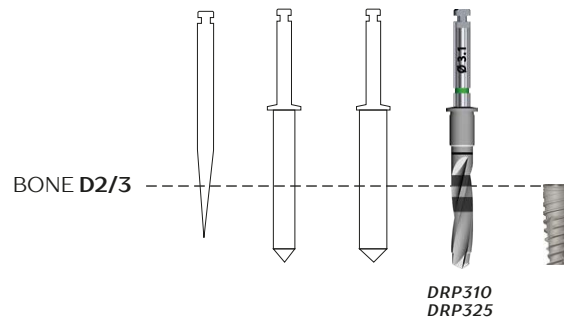
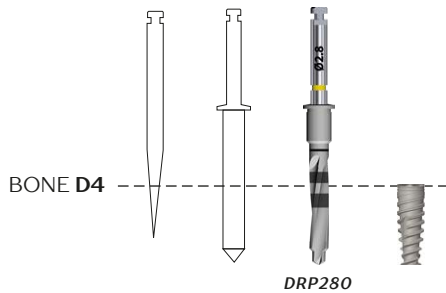
## ZIMMER RP® Compatible Active thread

### DIAMETER Ø 3.75

COVER SCREW INCLUDED ● 1.27

**A** 2,9

LENGHT (L) mm	REF
8	AIZ3708/S
10	AIZ3710/S
11,5	AIZ3711/S
13	AIZ3713/S
16	AIZ3716/S

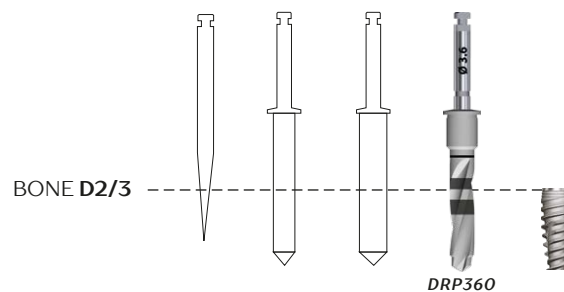
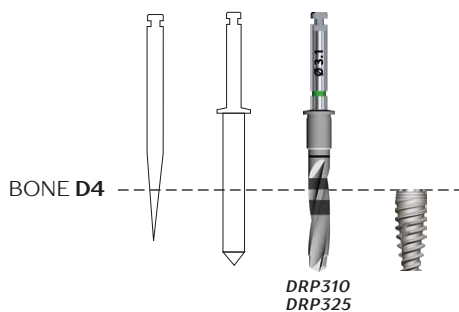


### DIAMETER Ø 4.25

COVER SCREW INCLUDED ● 1.27

**A** 3,0

LENGHT (L) mm	REF
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10	AIZ4210/S
11,5	AIZ4211/S
13	AIZ4213/S
16	AIZ4216/S

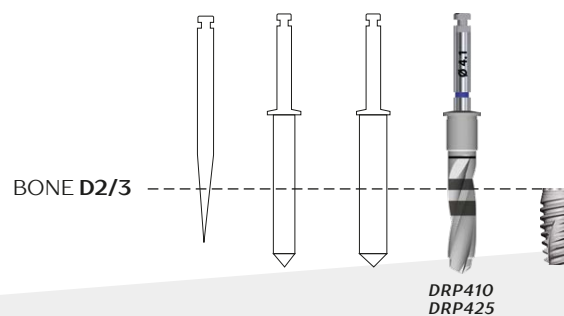
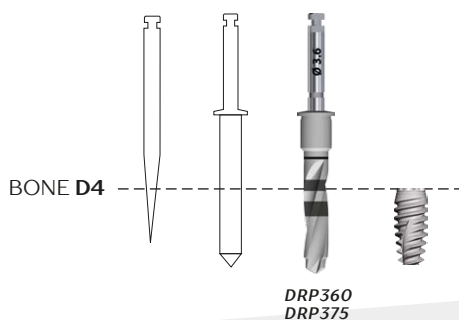


### DIAMETER Ø 4.75

COVER SCREW INCLUDED ● 1.27

**A** 3,6

LENGHT (L) mm	REF
8	AIZ4708/S
10	AIZ4710/S
11,5	AIZ4711/S
13	AIZ4713/S



**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.





### LESS STRESS

The micro-thread of the collar reduces stress while screwing the implant in the cortical area of the bone and contributes to the increase in primary stability and to the maintenance of bone level.

### SPIRE GEOMETRY

The geometry of the spire aids osseous healing, both qualitatively and quantitatively.

### IMPROVED PENETRATION

Three helical discharge grooves form three progressive cutting areas, providing the implant a marked ability to penetrate, while simultaneously removing bone debris, thereby reducing bone compression.

### ATRAUMATIC APEX

The atraumatic apex, free of sharp formations, makes an implant particularly suitable in cases where it is necessary to protect anatomical structures such as the maxillary sinus and the alveolar nerve.

# Taper

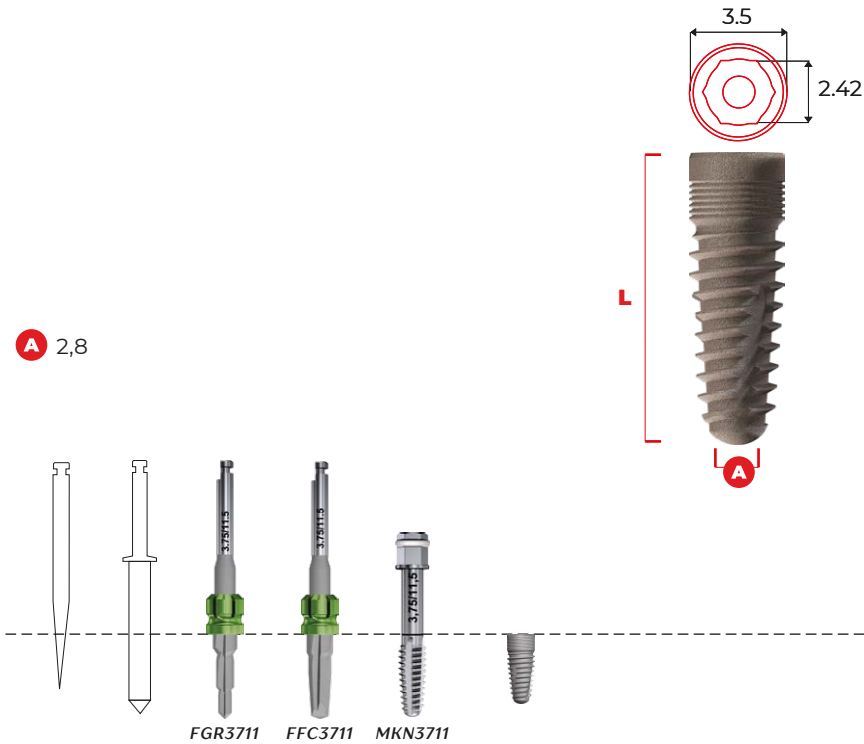
## Conical

ZIMMER RP® Compatible  
Conical

DIAMETER Ø 3.75

COVER SCREW INCLUDED  1.27

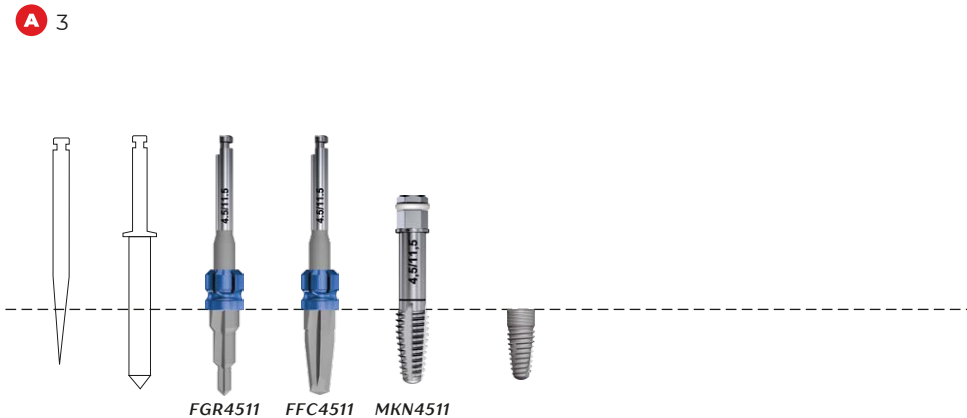
LENGHT (L) mm	REF
10	TIZ3710/S
11,5	TIZ3711/S
13	TIZ3713/S
14,5	TIZ3714/S



DIAMETER Ø 4.50

COVER SCREW INCLUDED  1.27

LENGHT (L) mm	REF
8,5	TIZ4508/S
10	TIZ4510/S
11,5	TIZ4511/S
13	TIZ4513/S



**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.



## **BONE MAINTENANCE OVER TIME**

Polished coronal chamfer and implant collar are designed to better manage the biological width and maintain the level of bone over time.

## **SELF-TAPPING COIL**

Self-tapping coil with double principle thread for increased contact with the bone and greater primary stability.

## **SPIRE GEOMETRY**

The geometry of the spire aids osseous healing, both qualitatively and quantitatively.

## **IMPROVED PENETRATION**

Four wide cutting zones for greater penetration capacity and to gather bone fragments, therefore reducing compression.

## **FACILITATES POSITIONING THE DEVICE IN THE SURGICAL SITE**

Tapered apical portion to facilitate centring of the device in the surgical site, even in cases of under preparation due to poor bone density, or to achieve greater primary stability.

## **ATRAUMATIC APEX**



# Short

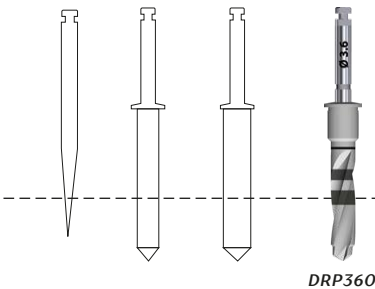
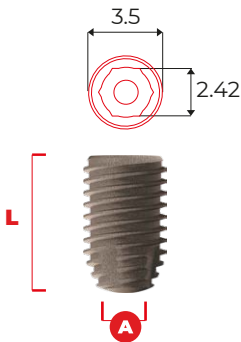
ZIMMER RP® Compatible  
Short Implant

DIAMETER Ø 4.25

COVER SCREW INCLUDED ● 1,27

LENGHT (L) mm	REF
6	SIZ4206/S

A 2,9

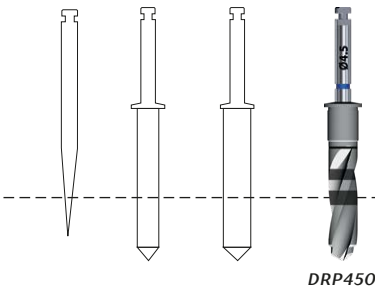


DIAMETER Ø 4.75

COVER SCREW INCLUDED ● 1,27

LENGHT (L) mm	REF
6	SIZ4706/S

A 3,4

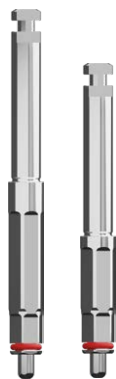




ZIMMER RP® Compatible | Surgical instruments

INSERTION SET  
DIRECT TO IMPLANT  
[ Inox ]

REF
CAL-ZIM
CAS-ZIM



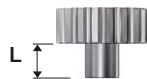
RATCHET DRIVER  
[ Inox ]

REF
CHCRZIM



HANDWHEEL  
[ Ti<sub>s</sub> ]

LENGHT (L)mm	REF
6	AMC016



EXTENSION FOR DRILL  
[ Inox ]

LENGHT (L)mm	REF
6	KI589



EXTENSION  
[ Inox ]

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



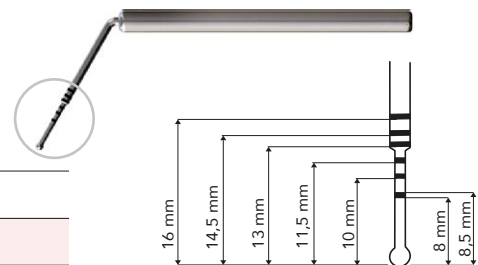
DYNAMOMETRIC RATCHET  
[ Inox ]

REF
CCD070



DEPTH GAUGE  
[ Ti<sub>s</sub> ]

REF
001140



**HITS IMPLANTS**  
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