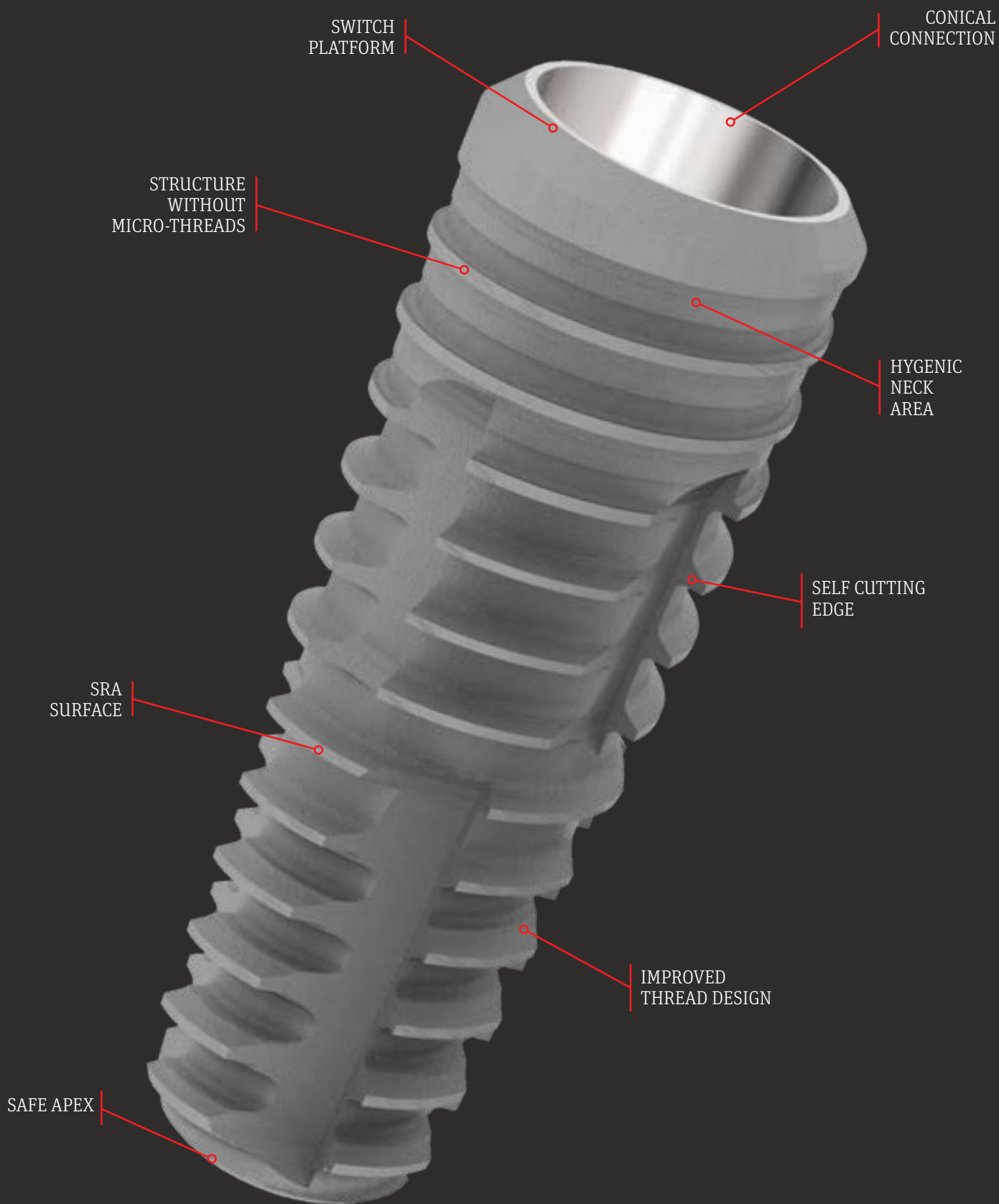


implantswiss.com

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Avenue des Sciences 11
CH-1400, Yverdon-les-Bains
Switzerland

Rev Date: 10.2025



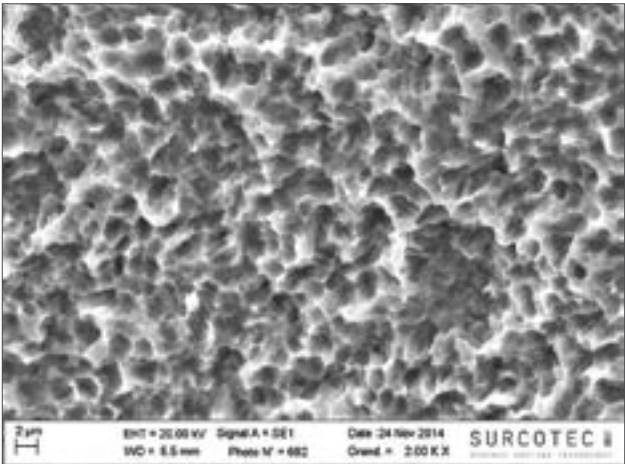


» SRA* Surface

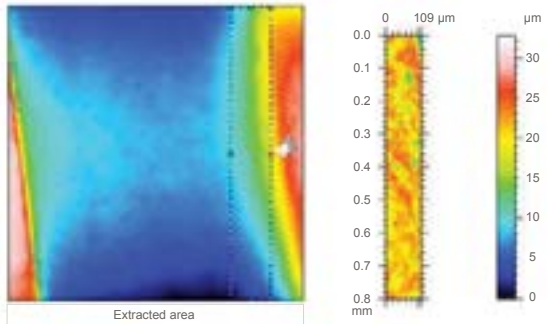
To ensure maximum Osseointegration after sandblasting, the surface of the implant is etched using Double Acid Etching technique.

Implantswiss S.R.A. surface has a unique homogeneous surface roughness that perfectly mimics the bone morphology.

* Sandblasted Rough Acid-etched Surface

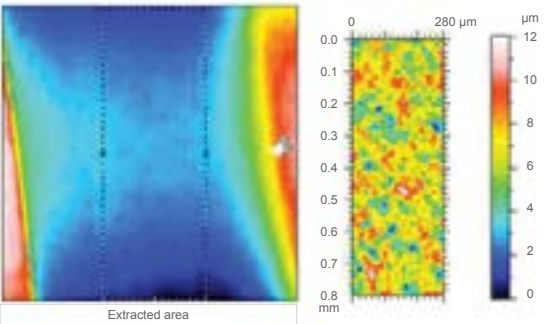


3D-Area Parameters



Detail of the thread Bank and representation of the surface shape after removal of a 4th order polynomial

ISO 25178				
Height Parameters				
Sa	1,80	µm		
Sq	2,44	µm		
Feature Parameters				
S10z	15,1	µm	pruning = 5%	Ten point height
S5p	8,59	µm	pruning = 5%	Five point peak height
S5v	6,49	µm	pruning = 5%	Five point of height

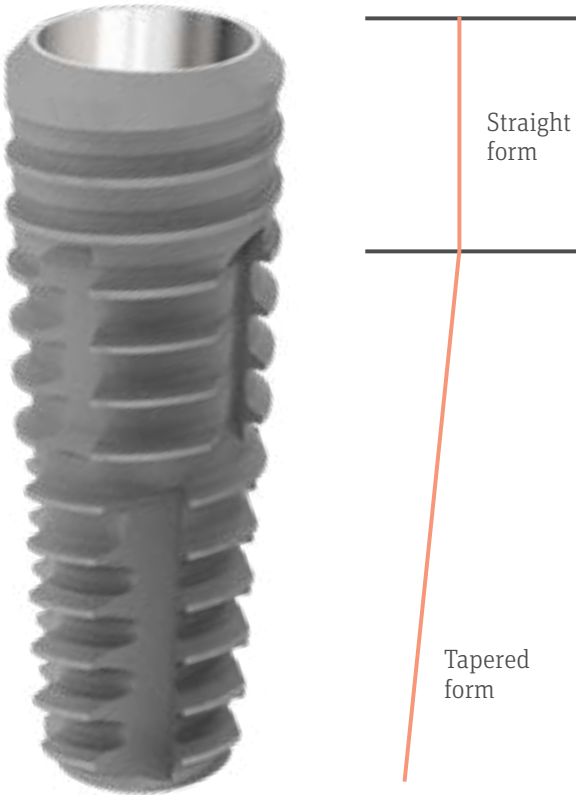


Detail of the thread valley and representation of the surface shape after removal of a 4th order polynomial

ISO 25178				
Height Parameters				
Sa	1,25	µm		
Sq	1,60	µm		
Feature Parameters				
S10z	9,16	µm	pruning = 5%	Ten point height
S5p	3,39	µm	pruning = 5%	Five point peak height
S5v	5,76	µm	pruning = 5%	Five point of height

» Tapered form + Straight form = Hybrid Design

It is a unique & innovative hybrid implant design with cylindrical (straight) configuration at the neck area and conical (tapered) configuration at the apex of the implant.



The top 3 mm of Implantswiss implant is straight downward from the neck which constitutes the straight form, however the remaining apical portion of implant constitutes the tapered form at a certain angle. The optimum combination of these two specifications creates our hybrid design.

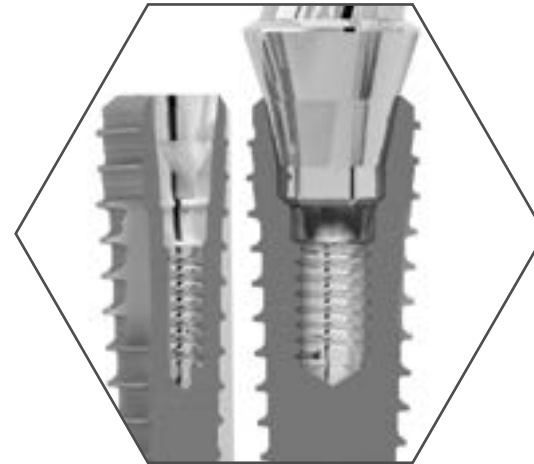
The straight portion at the top of our unique hybrid design exerts minimal stress on the crucial crestal cortical bone leading to an optimal load distribution. The tapered portion of the design facilitates easy insertion of the implant at osteotomy site

» Conical connection with hexagonal index

creates a secure and steady implant-abutment connection

The universal conical connection and hexagonal index of our implant creates a firm and sound implant-abutment interface, which prevents the formation of micro gap and hence micro leakage.

In Implantswiss Dental Implant System, all abutments are compatible with all fixtures of any diameter (except for 3.3mm diameter) making it one of the most user-friendly implant systems for dentists.



» Platform Switching

Maintains the crestal alveolar bone around the neck area of the implant.

Micro-gap can be formed at the implant-abutment interface in Bone Level implants especially if they have a butt joint connection. Pathogens and their by-products in these areas can cause serious problems such as bone resorption and peri-implantitis.

Although Implantswiss Implants have a sealed conical connection, Platform switching further protects & maintains cervical bone by moving the implant-abutment interface away from the alveolar bone. Implantswiss Implants with Platform switch characteristic are safer against bacteria and microleakage, thus have a longer life span.



» Self Cutting Edge

Unique thread design that does not transfer stress to the bone.

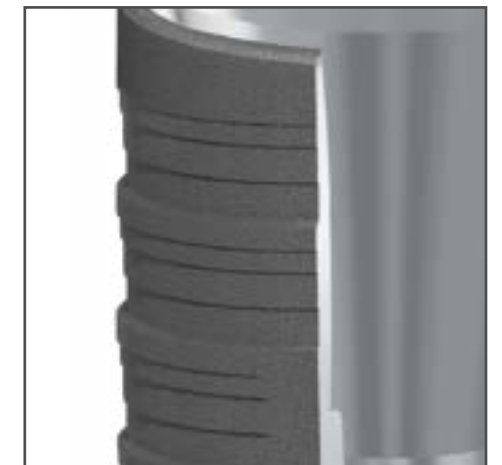
Implantswiss implants have a particular thread design which does not transfer stress to the bone during insertion. Semi-aggressive thread design with cutting edge and self-cutting features provide ideal primary stability in any bone type without transferring unfavorable stress to the bone.



» Hygienic Neck Design

Easy to maintain the hygiene

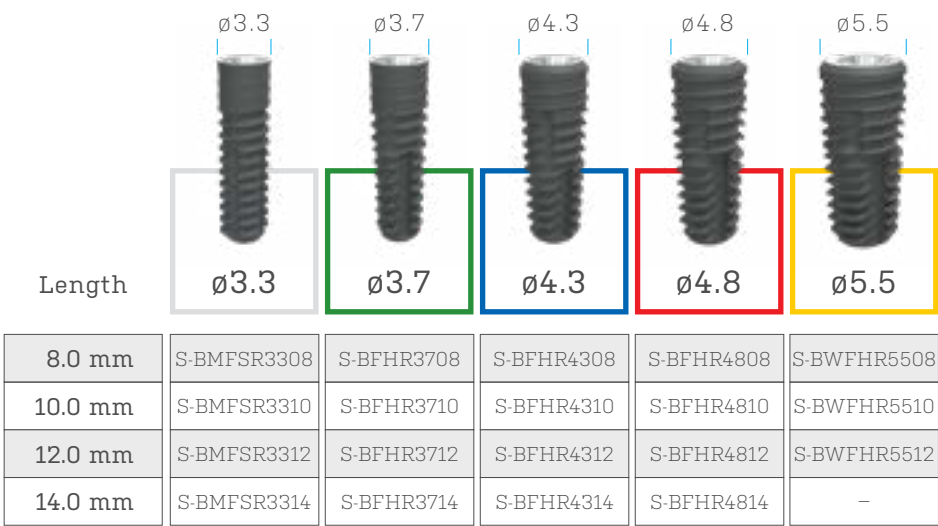
Harmful pathogens can easily colonize in the micro threads at the cervical area of some implant designs. The absence of micro threads at the cervical area of Implantswiss Implants make it easier to maintain hygiene and plaque control. Due to this feature, plaque around the neck of the Implants is less retentive and hence less chances of bone resorption.



BONE LEVEL IMPLANT

Bone Level implants are designed to provide excellent outcomes in any bone quality and at any site.

Due to their unique design, Implantswiss bone level implants allow you to design an ideal smile in the aesthetic zone.

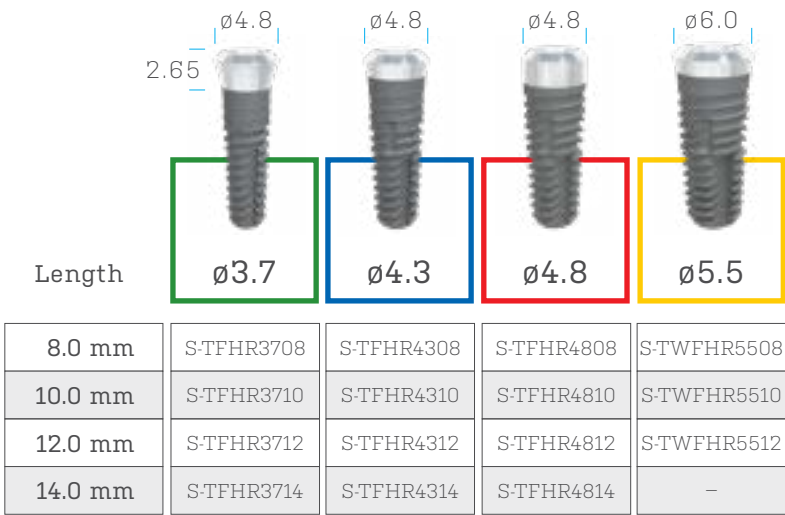


System » Bone Level
Material » Ti Grade 4
Driver » Bone Level driver,
Mini Bone Driver for 3.3 implant
Torque Value » 35 Ncm

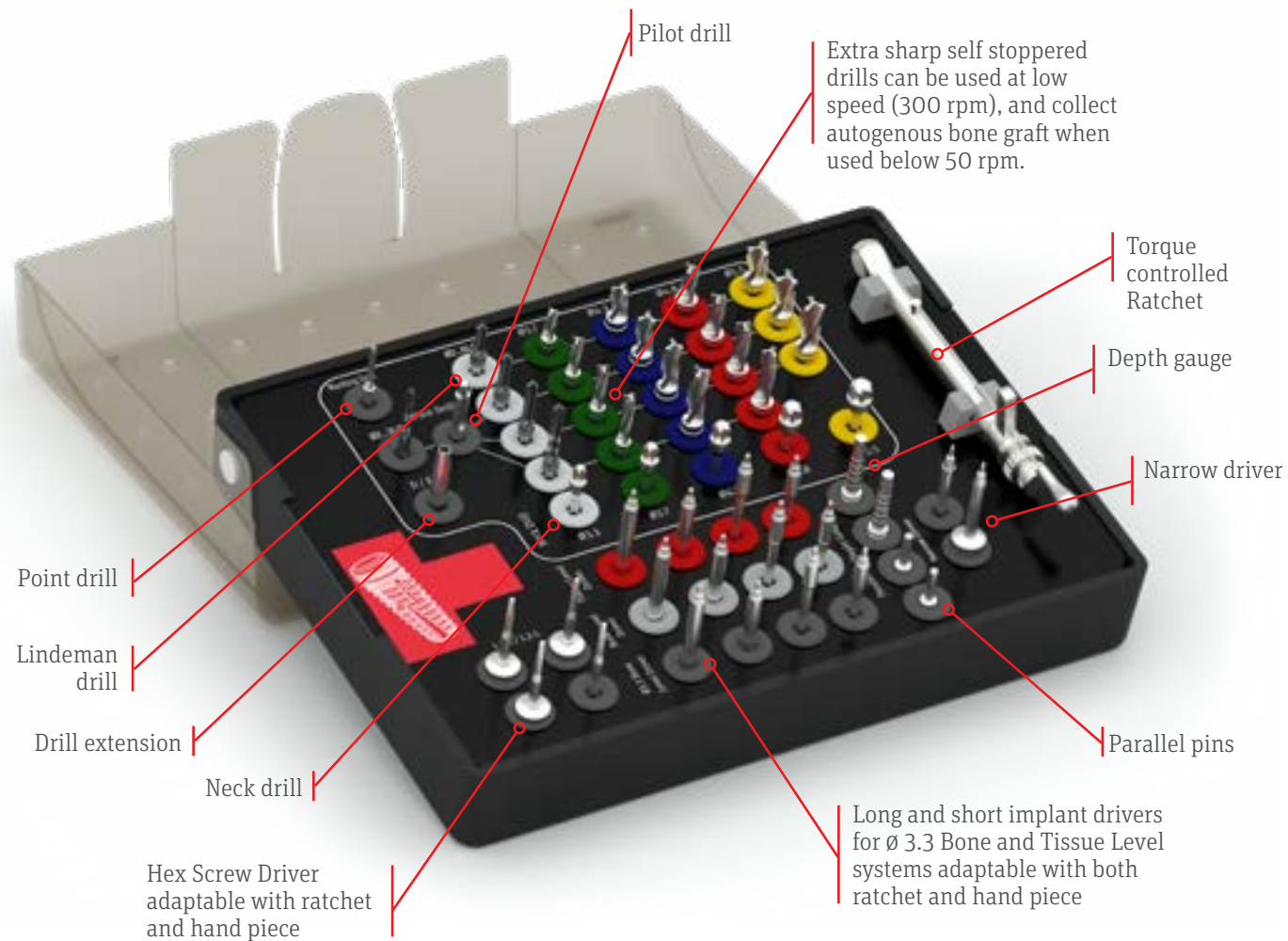
TISSUE LEVEL IMPLANT

Excellent soft and hard tissue preservation can be achieved successfully with the smooth neck, at the implant-abutment interface of our Tissue Level implant.

The implant is designed to provide excellent outcomes in any situation where the aesthetic outcome is not the primary concern.



System » Tissue Level
Material » Ti Grade 4
Driver » Tissue level driver
Torque Value » 35 Ncm



IMPLANTSWISS FIXTURE DRILLS & PROTOCOLS

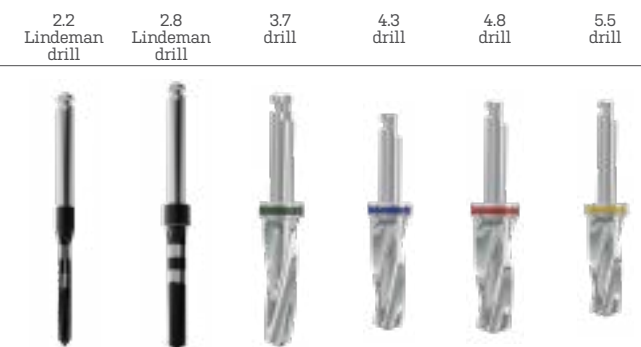
SURGICAL DRILLS & PROTOCOLS

Self-stoppered surgical drills eliminate the risk of complications during the preparation of the osteotomy site and insertion of the implant. Implantswiss drills are recommended to be used at 200-300 rpm to prevent overheating and reduce mechanical trauma, therefore shortening the osseointegration time of the implant. The drills are designed to harvest the autogenous bone when used below 50RPM without irrigation, which can be used as a graft material in regenerative procedures.

The Implantswiss Surgical Kit has color-coded drills for each implant type available in the system.

The Implantswiss Surgical Kit has various drills with different diameters and lengths. These color-coded drills are designed to simplify the surgical procedures, resulting in shorter surgery time and less stress for your patients.

SURGICAL DRILLS



AUXILIARY DRILLS



SHORT IMPLANT

Short implants are considered as an alternative treatment to advanced surgical interventions in case of insufficient bone height, either above the mandibular canal or below the maxillary sinuses and aim to regenerate hard tissues.

Due to the aggressive thread design, Bone level short implants can preferably be used in the maxilla where the alveolar bone is relatively soft, whereas Tissue level short implants can be a good choice for the mandible.

BONE LEVEL

			
	ø4.3	ø4.8	ø5.5
Length			
5.0 mm	S-BMFSR4305	S-BMFSR4805	S-BMFSR5505
6.0 mm	S-BMFSR4306	S-BMFSR4806	S-BMFSR5506

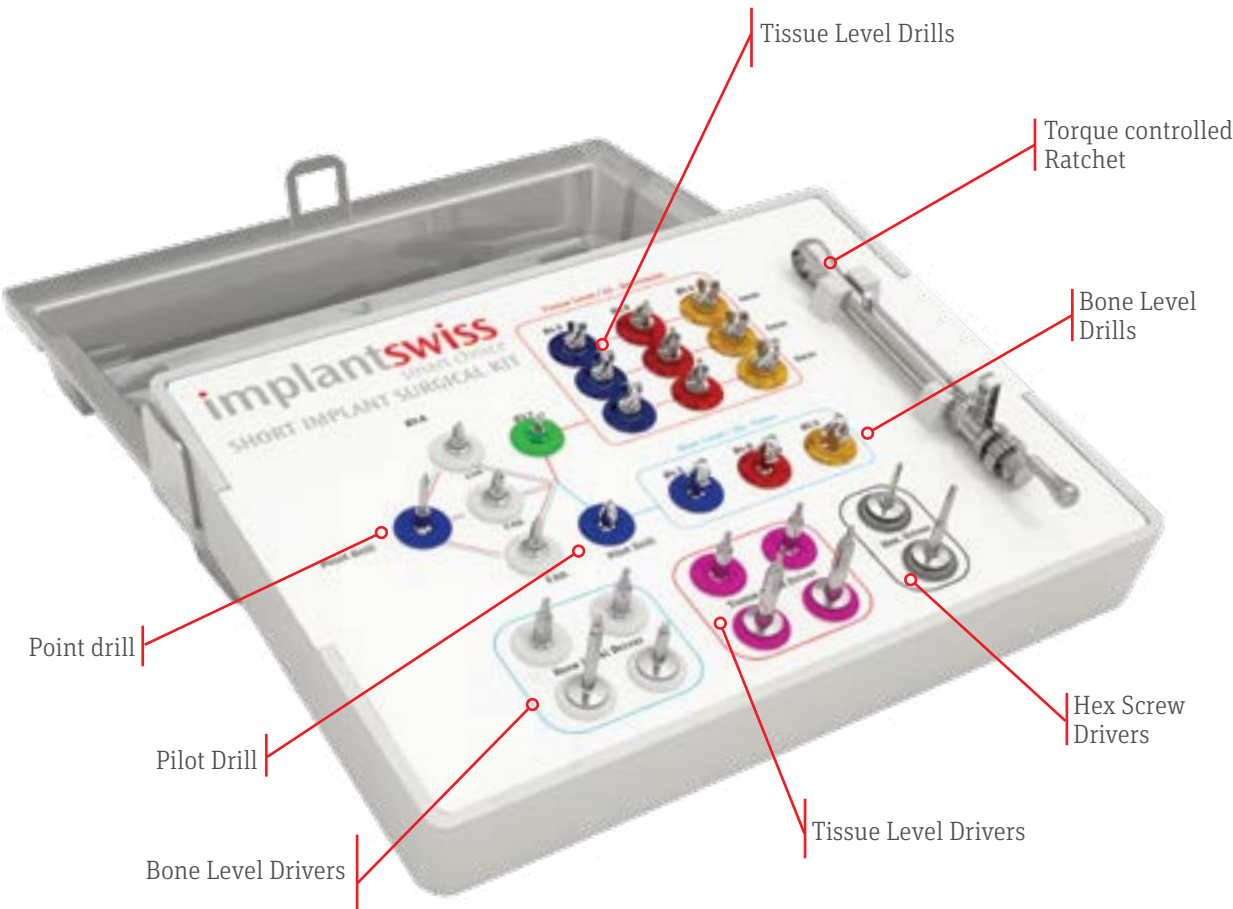
TISSUE LEVEL

			
	ø4.3	ø4.8	ø5.5
Length			
4.0 mm	S-TFSR4304	S-TFSR4804	S-TWFSR5504
5.0 mm	S-TFSR4305	S-TFSR4805	S-TWFSR5505
6.0 mm	S-TFSR4306	S-TFSR4806	S-TWFSR5506

GH » 2.65 mm

SHORT IMPLANT SURGICAL KIT

The short surgical kit is recommended for both Bone and Tissue Level short implants.



ZYGOMA IMPLANT

Zygomatic implants are designed for complex cases where conventional implants cannot be used and for patients who want to benefit from immediate loading protocols. Even in the presence of minimum residual maxillary bone height, zygomatic implants provide excellent primary stability.

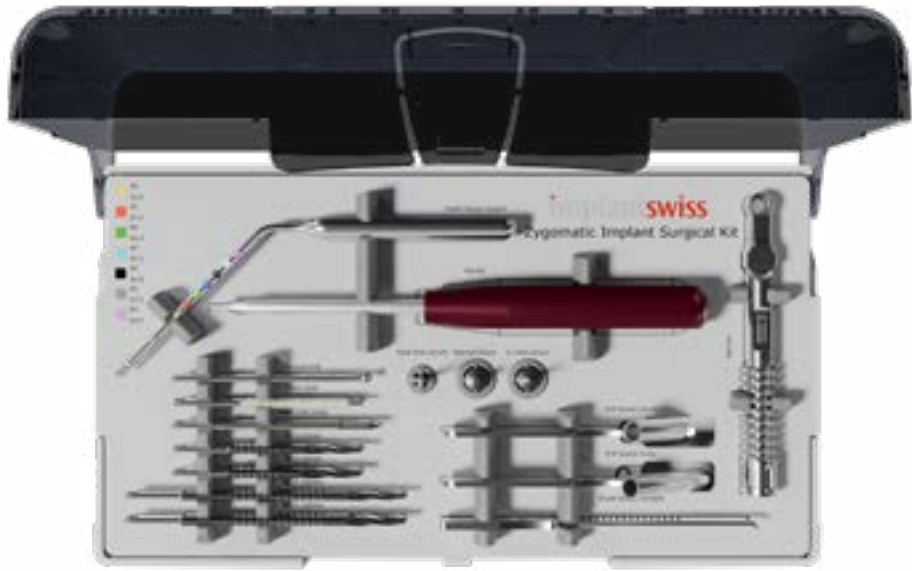
Implantswiss Zygomatic Implant offers three different product options.

ZYGOMA Implant

Ø4.0	
35 mm	S-ZYG35
37.5 mm	S-ZYG37.5
40 mm	S-ZYG40
42.5 mm	S-ZYG42.5
45 mm	S-ZYG45
47.5 mm	S-ZYG47.5
50 mm	S-ZYG50
52.5 mm	S-ZYG52.5
55 mm	S-ZYG55
57.5 mm	S-ZYG57.5
60 mm	S-ZYG60



ZYGOMA IMPLANT SURGICAL KIT

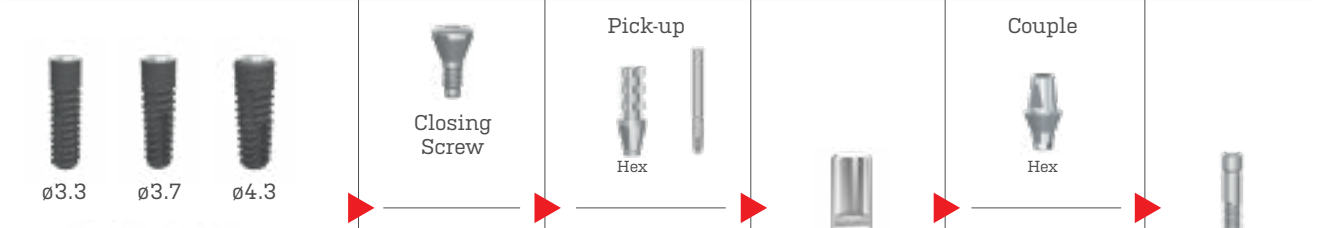
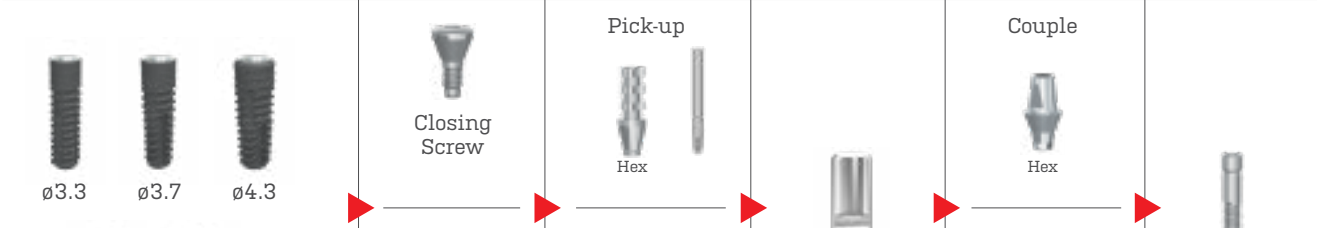
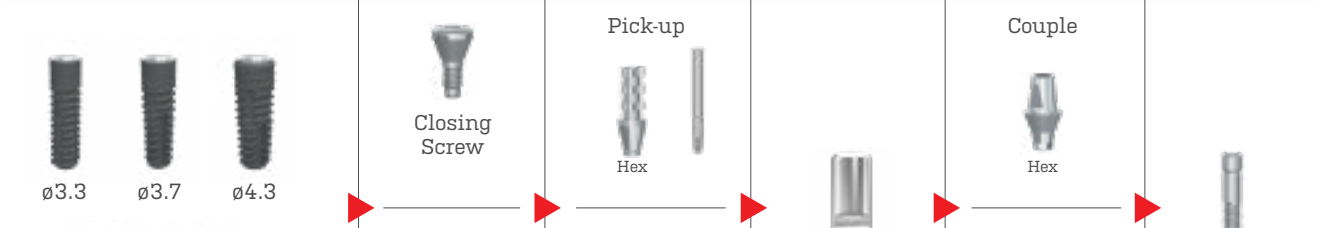
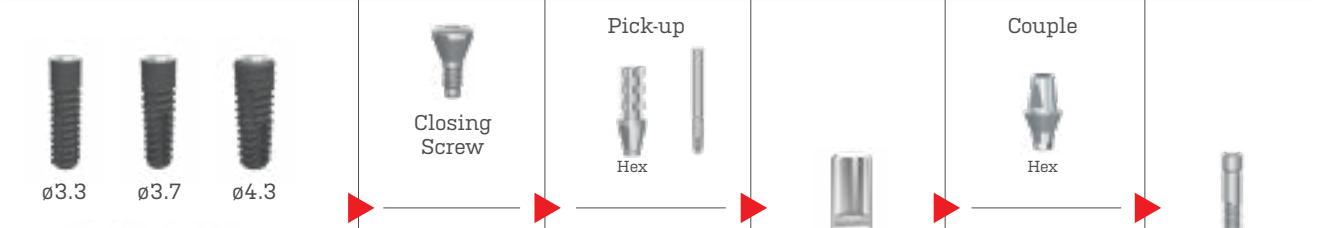
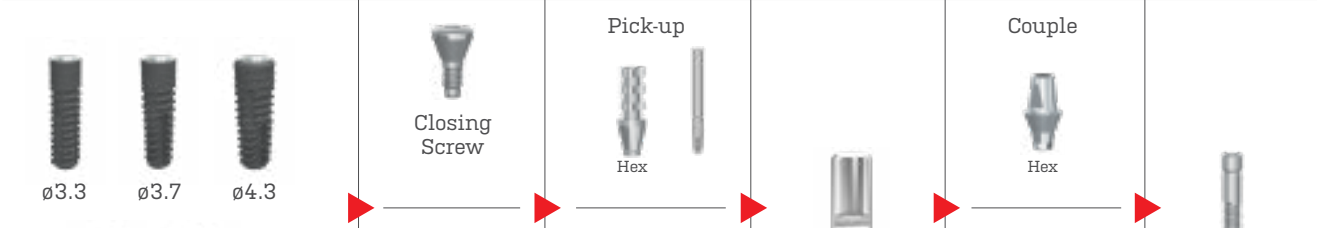
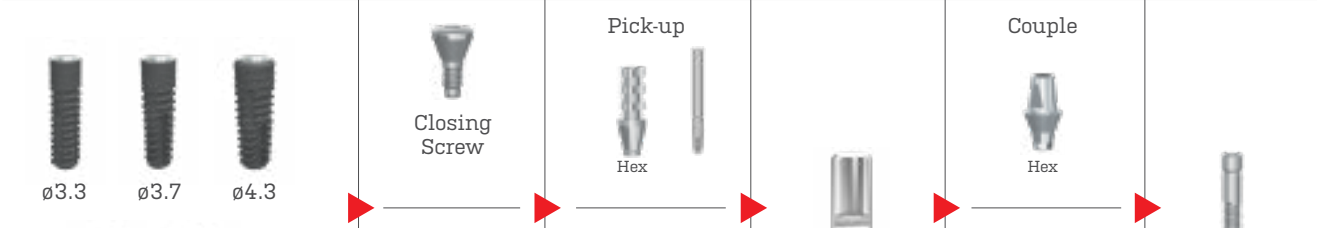
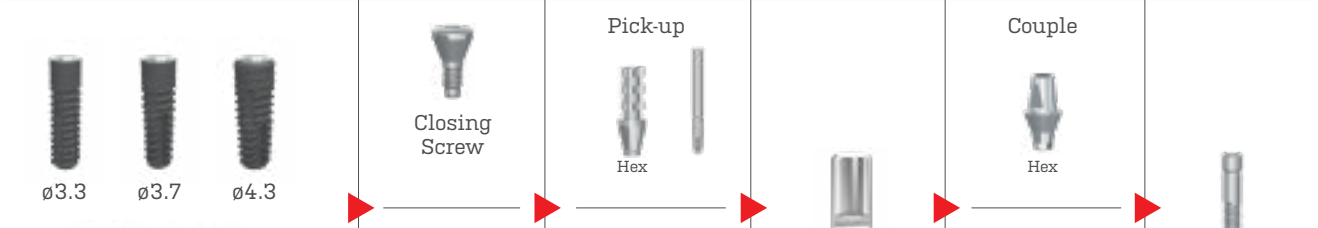


SURGICAL DRILLS

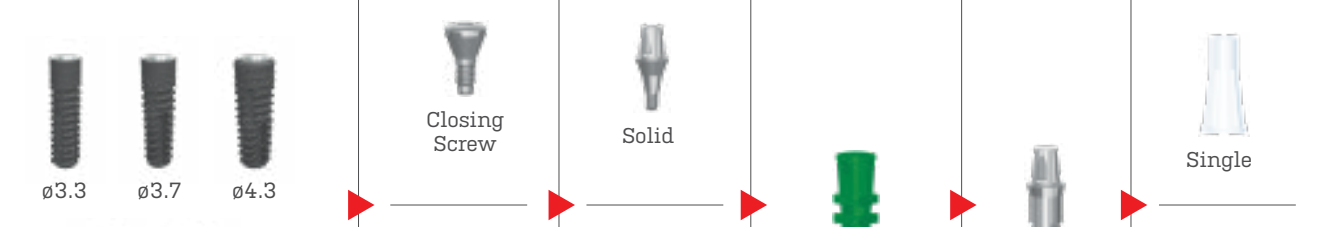
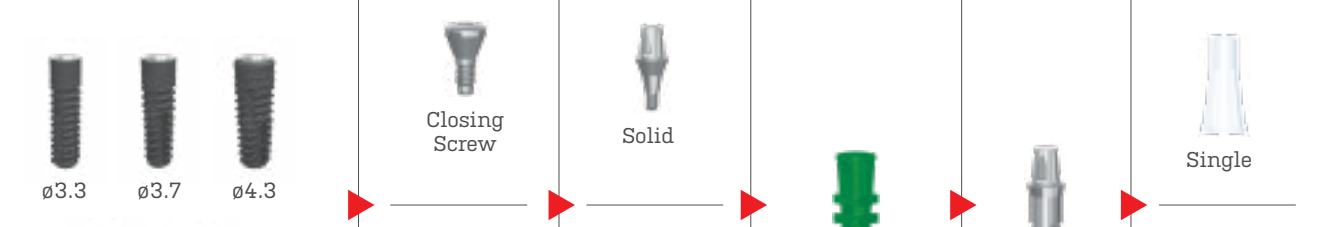
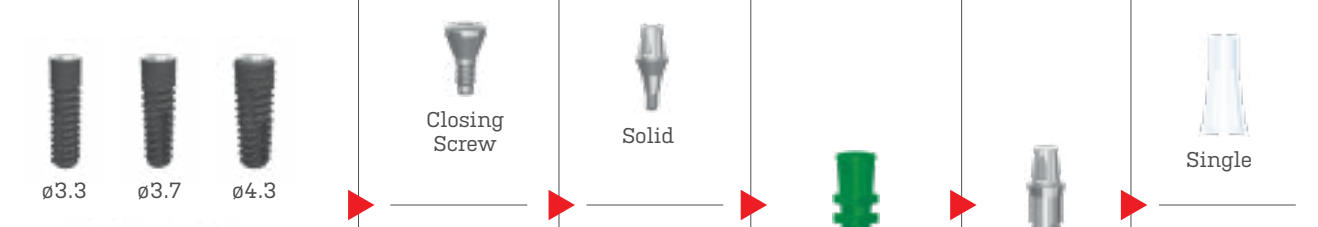
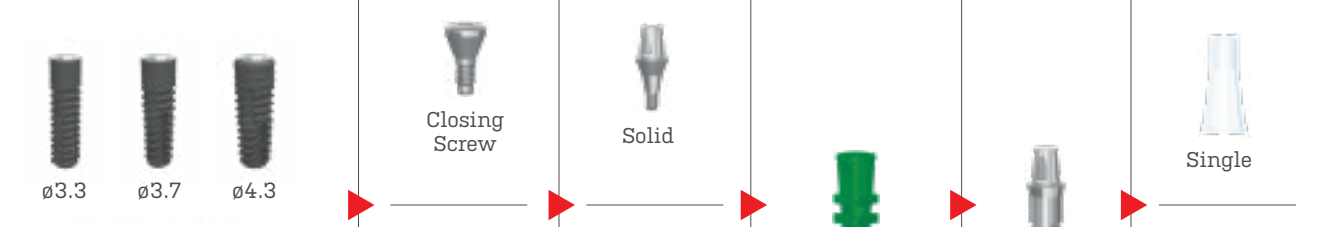
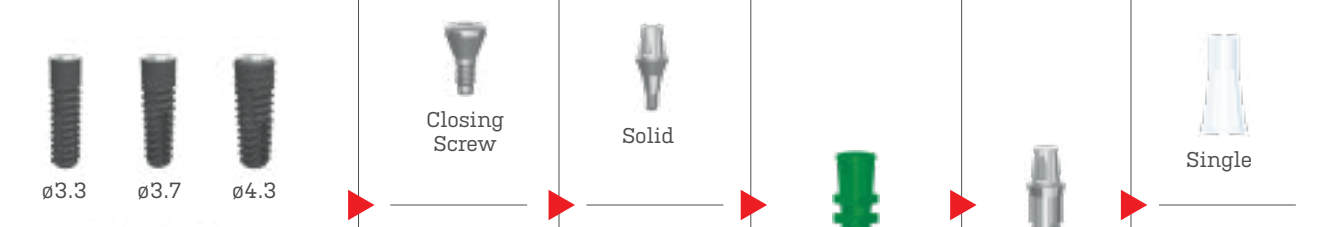
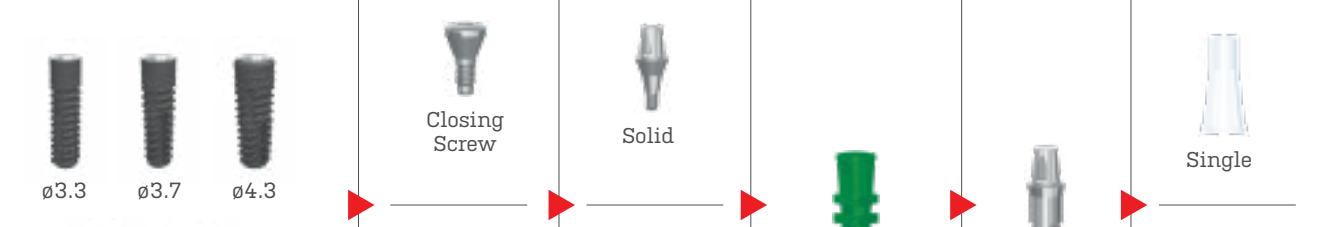
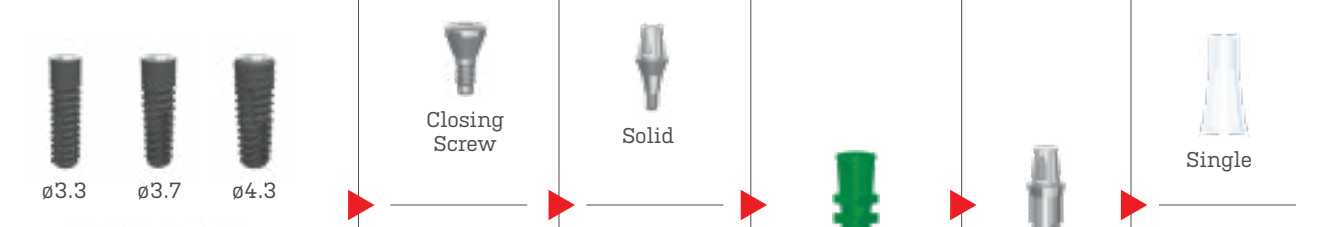
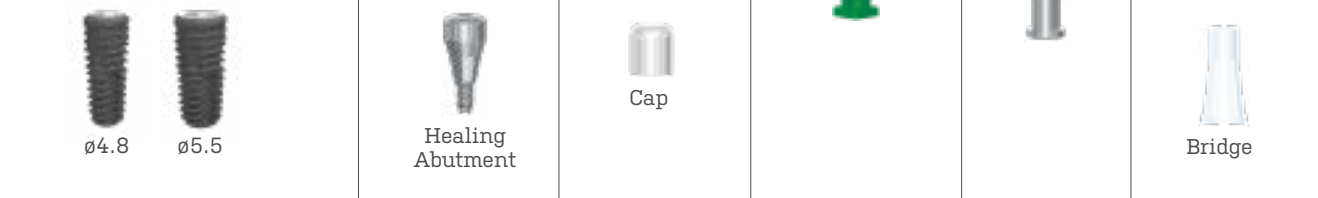
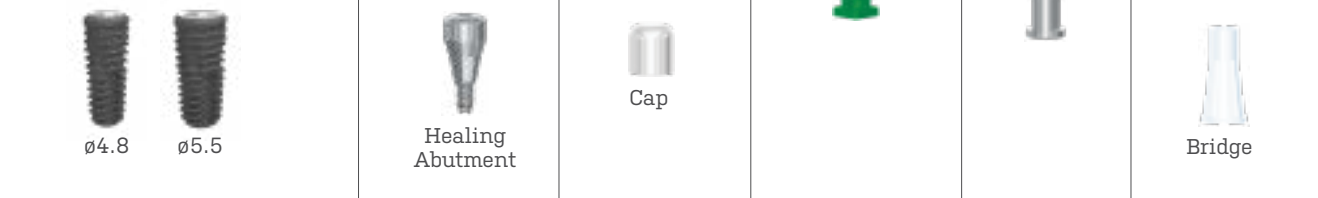
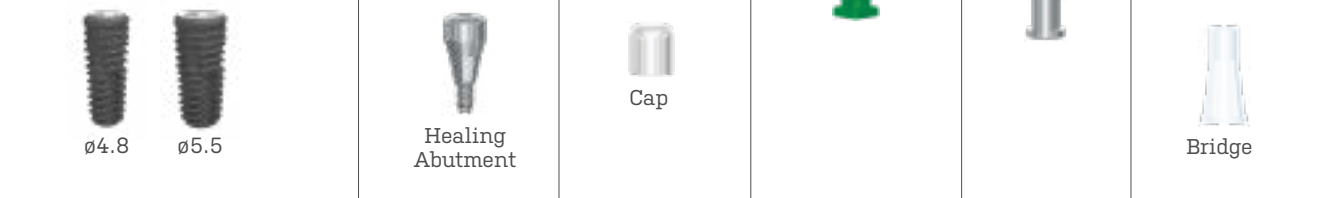
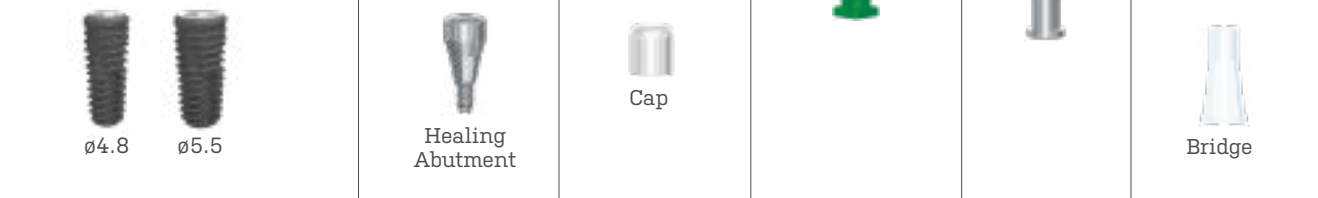
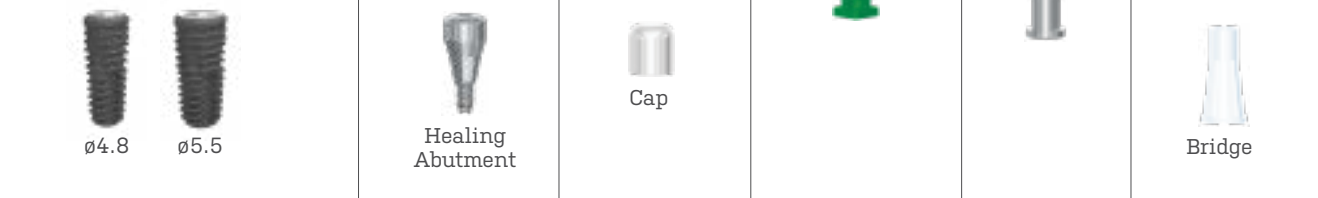
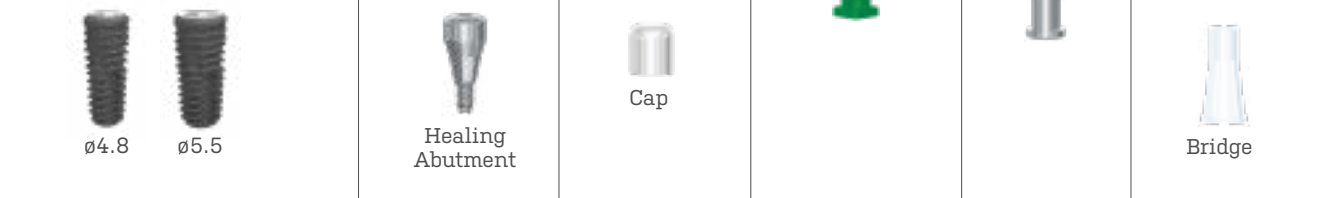
ZYGOMA DIAMOND BURR		S-ZBURN
ZYGOMA POINT DRILL		S-PD2527
ZYGOMA POINT DRILL		S-PD2970
ZYGOMA POINT DRILL		S-RD29
ZYGOMA TWIST DRILL 2.5 SHORT		S-TWD3565
ZYGOMA TWIST DRILL 2.5 LONG		S-TWD35100
ZYGOMA TWIST DRILL 2.9 SHORT		S-TWD2965
ZYGOMA TWIST DRILL 2.9 LONG		S-TWD29100

BONE LEVEL

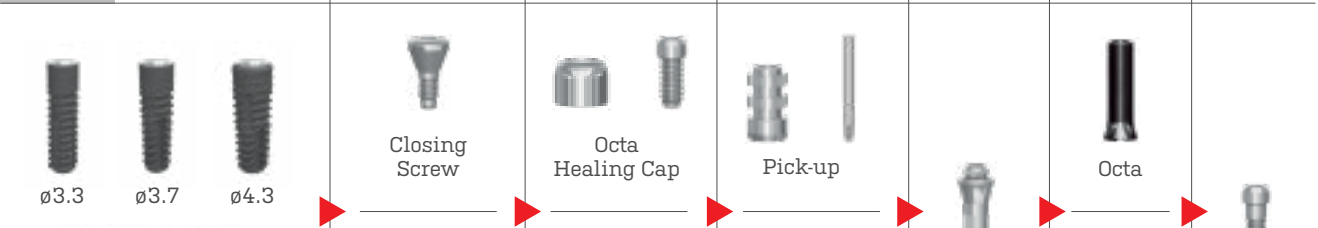
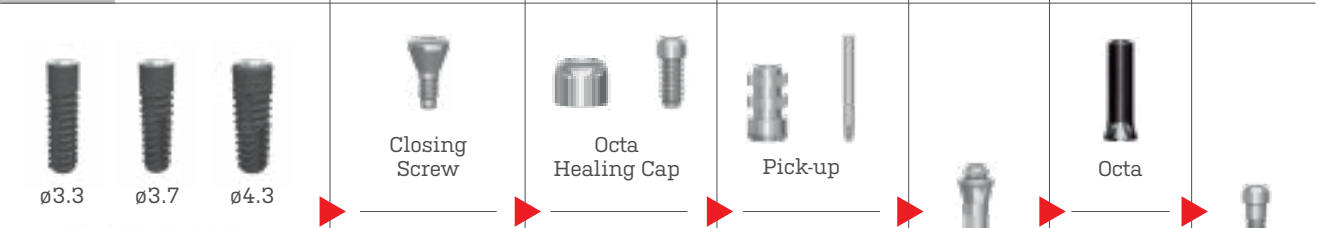
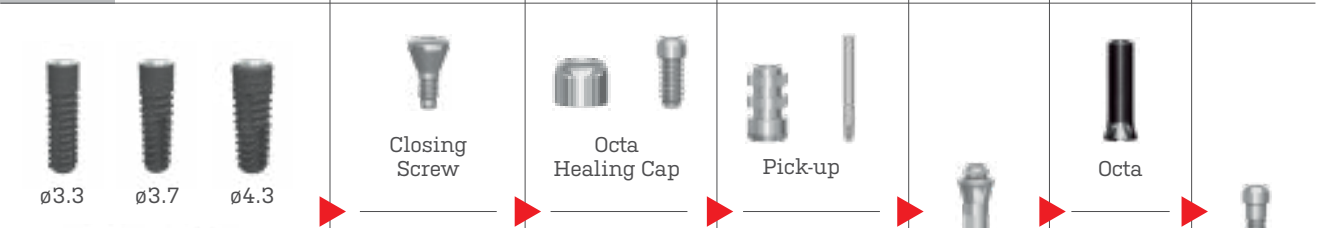
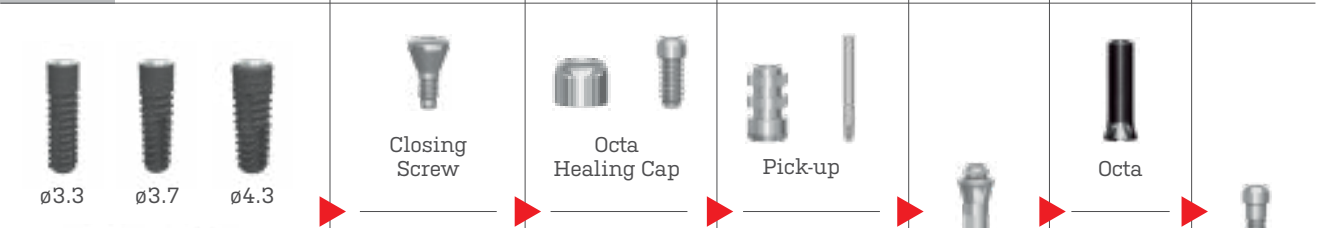
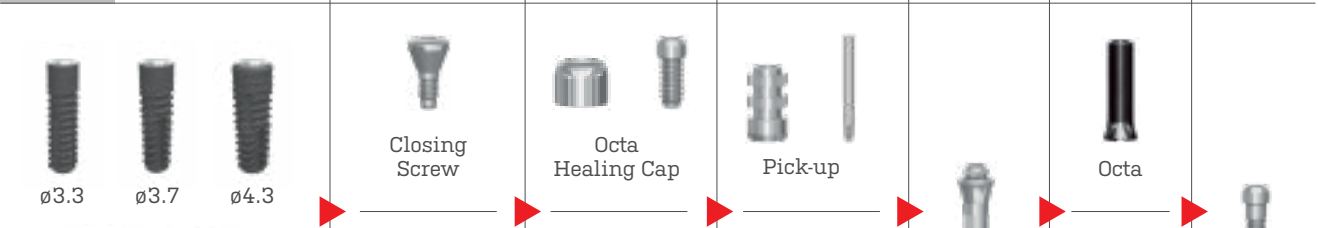
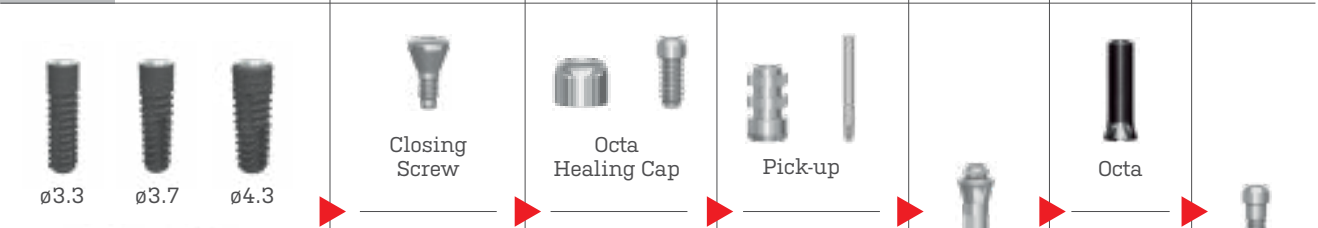
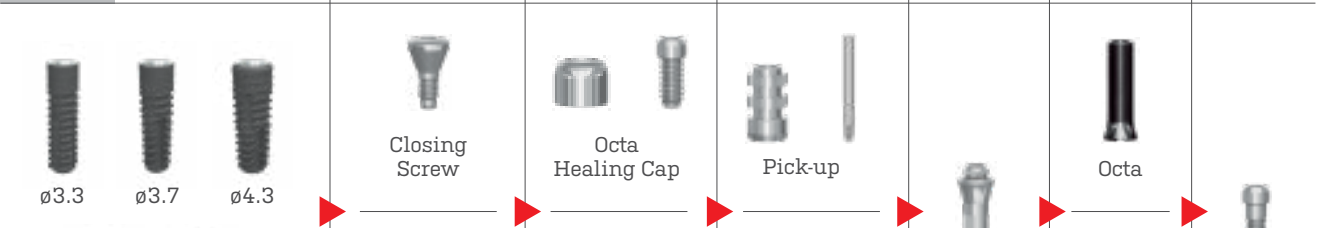
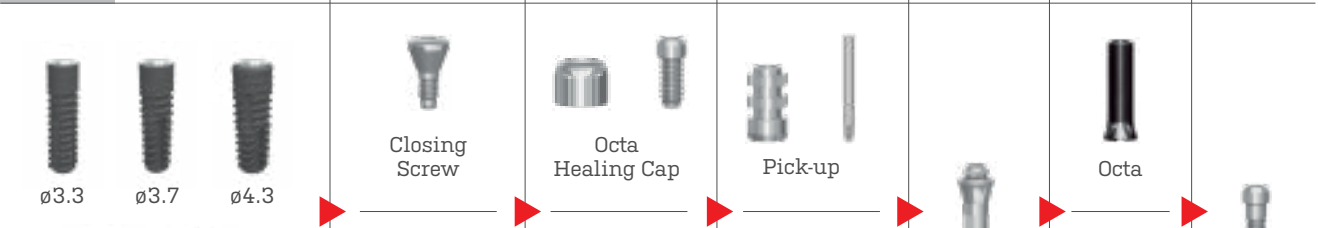
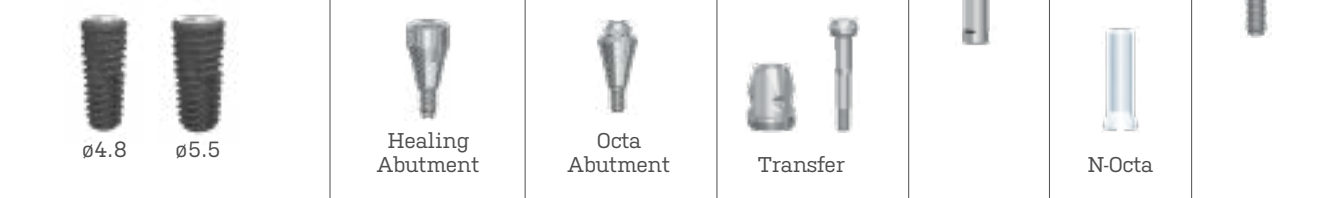
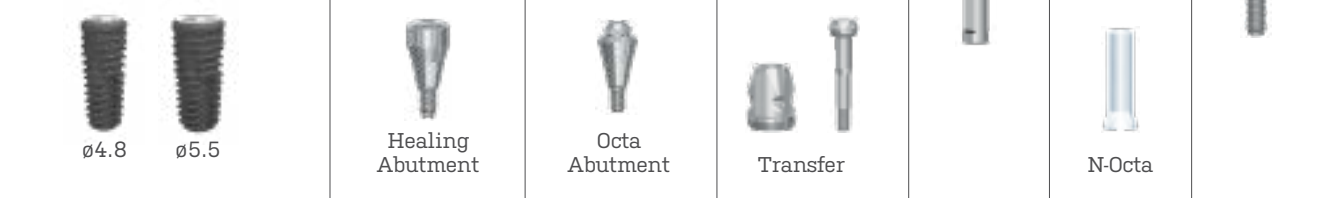
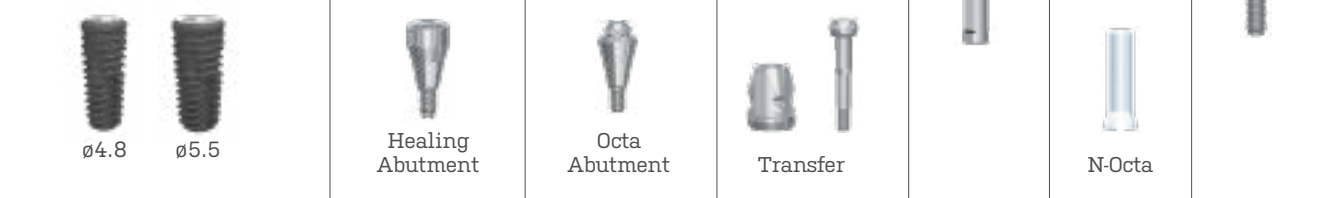
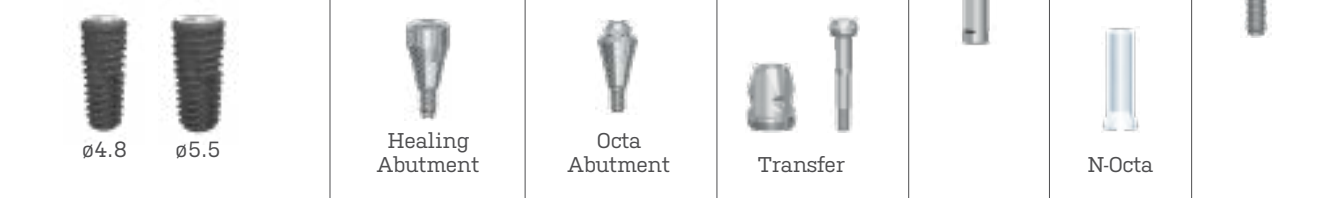
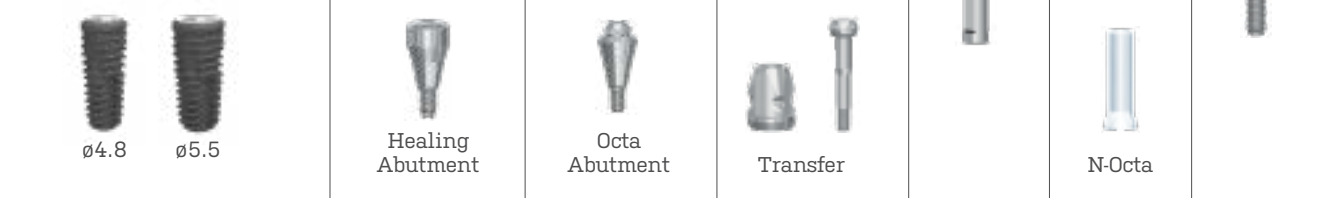
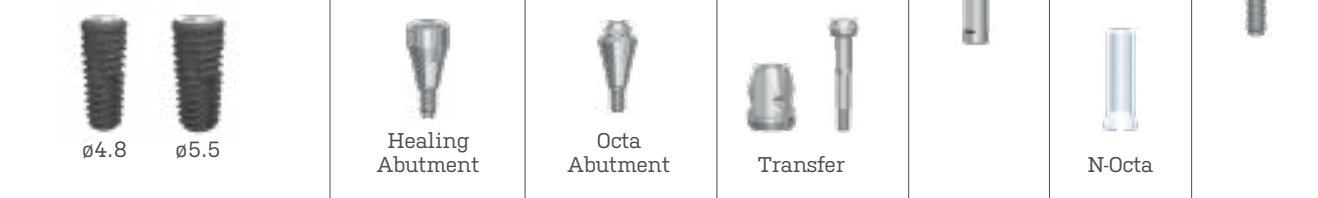
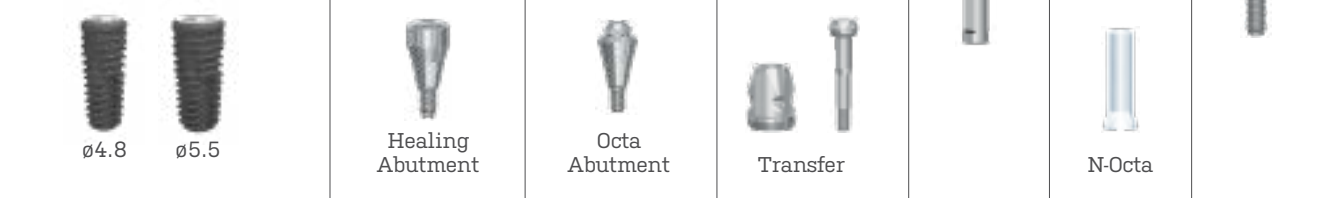
COUPLE SYSTEM

FLOW	FIXTURE	HEALING	IMPRESSION COPING	LAB ANALOG	ABUTMENT	SCREW
						
						
TOOL						

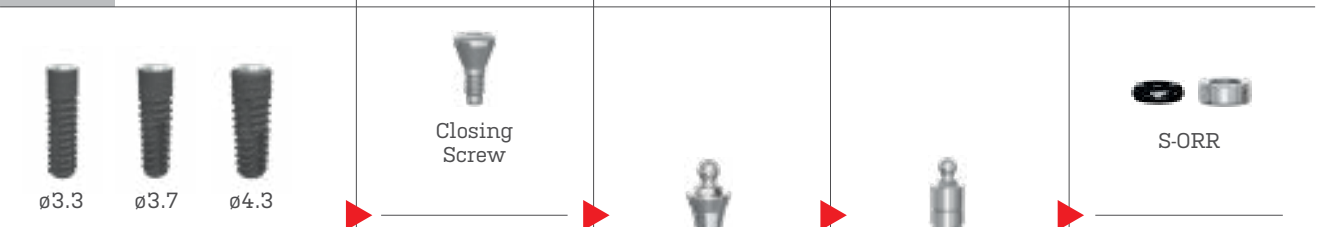
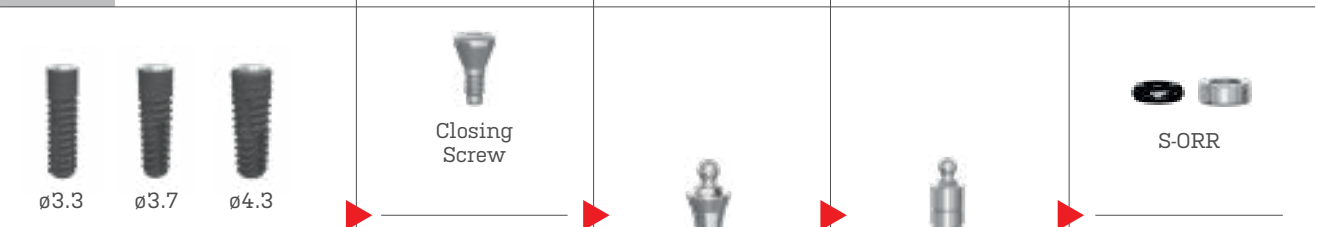
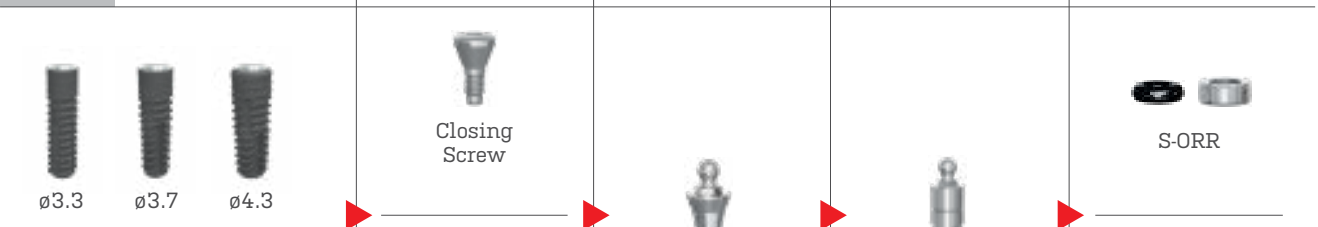
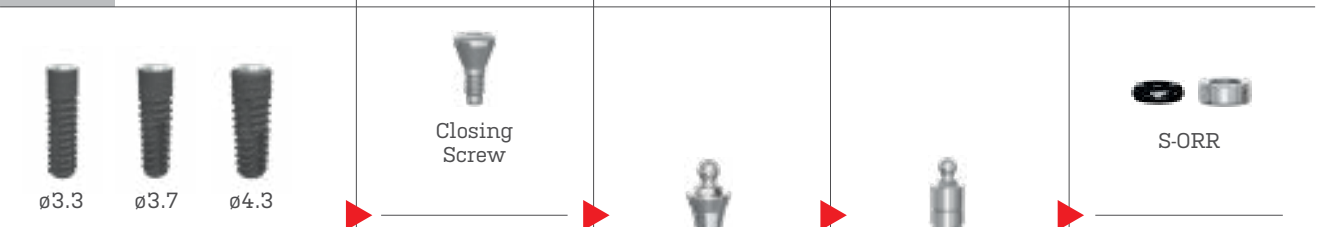
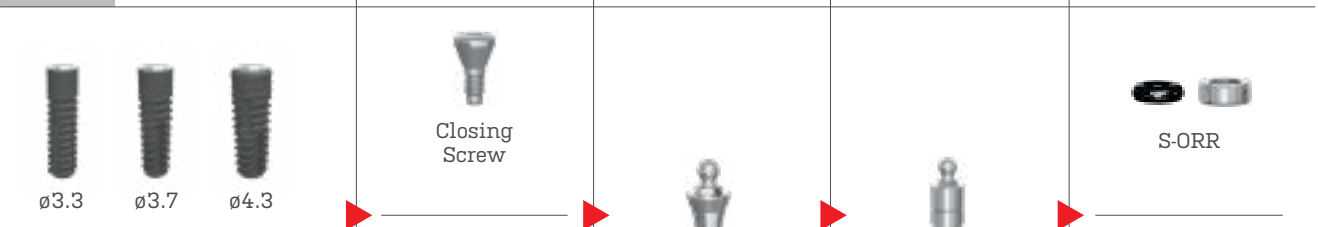
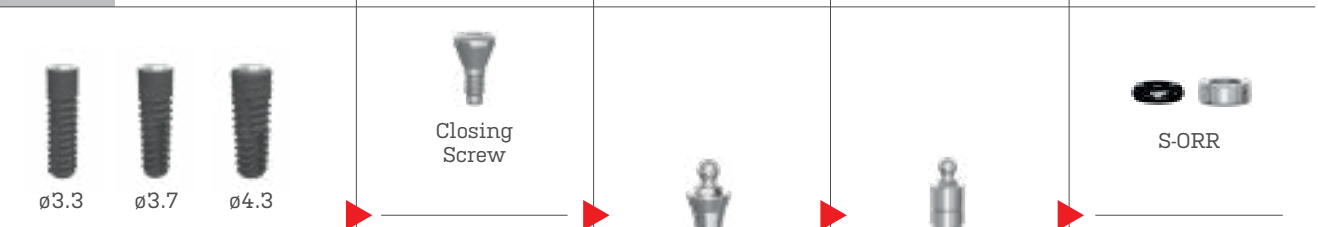
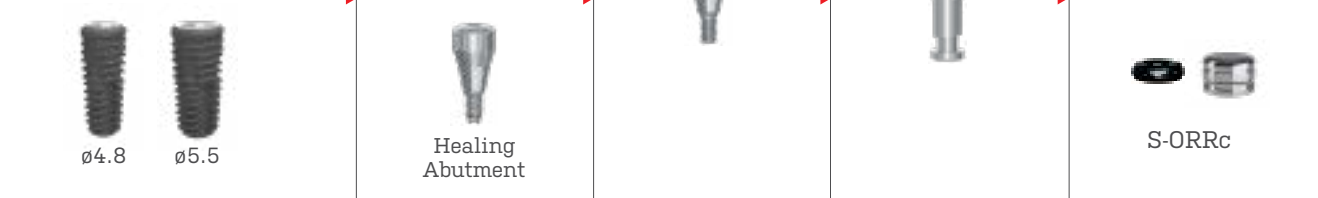
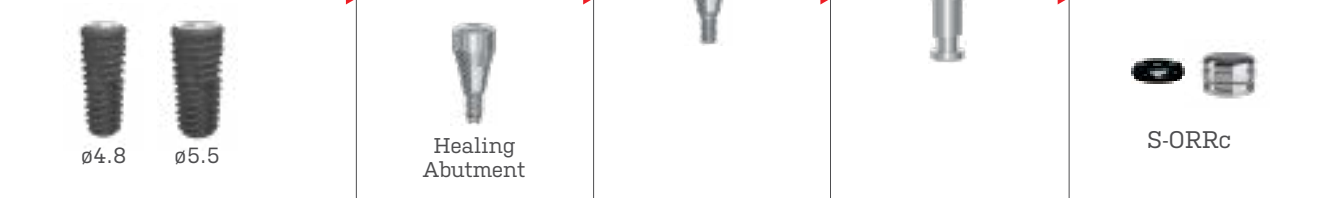
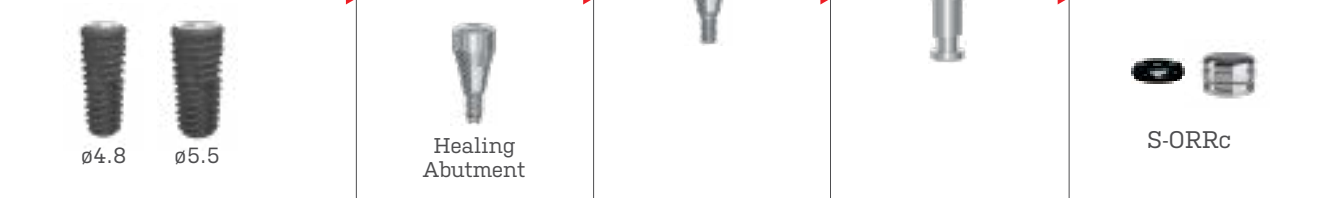
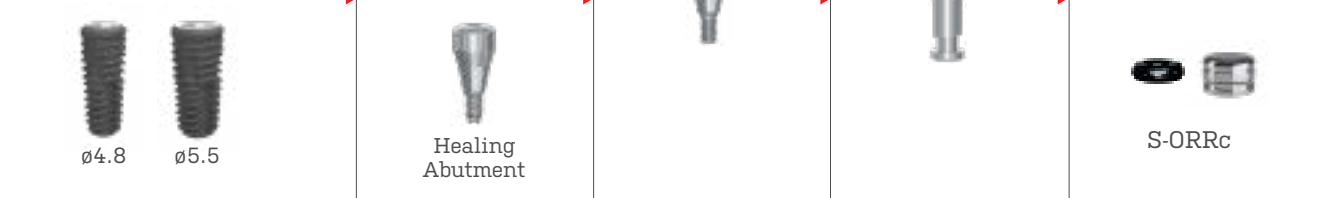
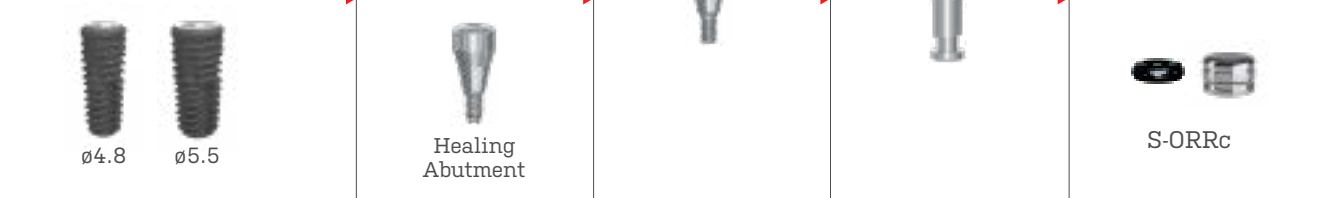
SOLID SYSTEM

FLOW	FIXTURE	HEALING	ABUTMENT	IMPRESSION CAP	LAB ANALOG	PLASTIC COPING
						
						
TOOL			 			

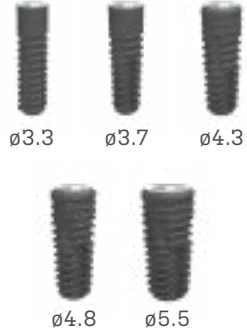
OCTA SYSTEM

FLOW	FIXTURE	HEALING	SUB OCTA ABUTMENT	IMPRESSION COPING	LAB ANALOG	LAB CYLINDER	SCREW
							
							
TOOL							

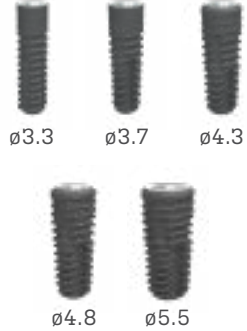
O-RING SYSTEM

FLOW	FIXTURE	HEALING	O-RING ABUTMENT	O-RING LAB ANALOG	RETAINER
					
					
TOOL					 

IMPLALOCK SYSTEM

FLOW	FIXTURE	HEALING	IMPLALOCK ABUTMENT	IMPLALOCK LAB ANALOG	INSERTER
		 Closing Screw  Healing Abutment			 S-LMHT
TOOL	 Ratchet Driver	 Hex Screw Driver	 Implalock Driver		 S-LRI

MULTI-UNIT SYSTEM

FLOW	FIXTURE	HEALING	ABUTMENT	IMPRESSION COPING	LAB ANALOG	LAB CYLINDER
		 Closing Screw  Healing Abutment	 Healing Cap  Multi-Unit  Angled 17° 35°	 Pick-up		 Plastic  Titanium
TOOL	 Ratchet Driver	 Hex Screw Driver	 Hex Screw Driver  Multi-Unit Driver	 Hex Screw Driver		 Hex Screw Driver

TISSUE LEVEL

COUPLE SYSTEM

FLOW	FIXTURE	HEALING	ABUTMENT	LAB ANALOG	ABUTMENT	SCREW
		 Cover Screw  Healing Abutment	 Pick-up Octa  Transfer Octa		 Couple Octa  Angled 15° 25°  Synocta Octa	
TOOL	 Ratchet Driver	 Hex Screw Driver	 Hex Screw Driver			 Hex Screw Driver

SOLID SYSTEM

FLOW	FIXTURE	HEALING	ABUTMENT	IMPRESSION CAP	LAB ANALOG	PLASTIC COPING
		 Closing Screw  Healing Abutment	  Cap		 Lab Analog	 Crown  Bridge
TOOL	 Ratchet Driver	 Hex Screw Driver	 Solid Driver  Hex Screw Driver			 Hex Screw Driver

OCTA SYSTEM

FLOW	FIXTURE	HEALING	OCTA ABUTMENT	IMPRESSION COPING	LAB ANALOG	LAB CYLINDER	SCREW
 ø3.7  ø4.3-L06  ø4.3  ø4.8-L06  ø4.8  ø5.5	 Cover Screw  Healing Abutment		 Pick-up  Transfer  Pick-up  Transfer		 Octa  N-Octa		
TOOL	 Ratchet Driver	 Hex Screw Driver	 Octa Driver			 Octa/N-Octa	 Hex Screw Driver

IMPLALOCK SYSTEM

FLOW	FIXTURE	HEALING	IMPLALOCK ABUTMENT	IMPLALOCK LAB ANALOG	INSERTER
 ø3.7 ø4.3-L06 ø4.3  ø4.8-L06 ø4.8 ø5.5	 Closing Screw  Healing Abutment			 S-LMHt	
TOOL	 Ratchet Driver	 Hex Screw Driver	 ImplaLock Driver		 S-LRI

O-RING SYSTEM

FLOW	FIXTURE	HEALING	O-RING ABUTMENT	O-RING LAB ANALOG	RETAINER
 ø3.7  ø4.3-L06  ø4.3  ø4.8-L06  ø4.8  ø5.5	 Closing Screw  Healing Abutment			 S-ORR  S-ORRc	
TOOL	 Ratchet Driver	 Hex Screw Driver	 O-Ring Driver		 S-ORRo

» **DIGITAL
SOLUTIONS**



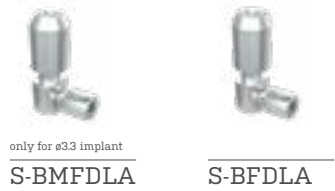
BONE LEVEL

SCAN BODY



System » Digital System
Driver » Hex Screw Driver

DIGITAL ANALOG



System » Digital System
Driver » Hex Screw Driver

PREMILL



System » Digital System
Material » Ti Grade 5 ELI
Driver » Hex Screw Driver

TISSUE LEVEL

SCAN BODY



System » Digital System
Driver » Hex Screw Driver

DIGITAL ANALOG



System » Digital System
Driver » Hex Screw Driver

PREMILL



System » Digital System
Material » Ti Grade 5 ELI
Driver » Hex Screw Driver

MULTI UNIT ABUTMENT

SCAN BODY



S-PMUSB

System » Digital System
Driver » Hex Screw Driver

DIGITAL ANALOG



S-BMDLA

System » Digital System
Driver » Hex Screw Driver

ZR BASE



S-MUTB

System » Digital System
Driver » Hex Screw Driver

OCTA ABUTMENT

SCAN BODY



S-POSB

System » Digital System
Driver » Hex Screw Driver

DIGITAL ANALOG



S-BODLA

System » Digital System
Driver » Hex Screw Driver

ZR BASE



S-OTB

System » Digital System
Driver » Hex Screw Driver

Ti-BASE ABUTMENT

Ti-BASE SCAN BODY



only for ø3.3 implant

S-TIMSB



S-TISB

System » Digital System
Driver » Hex Screw Driver

Ti-BASE ABUTMENT



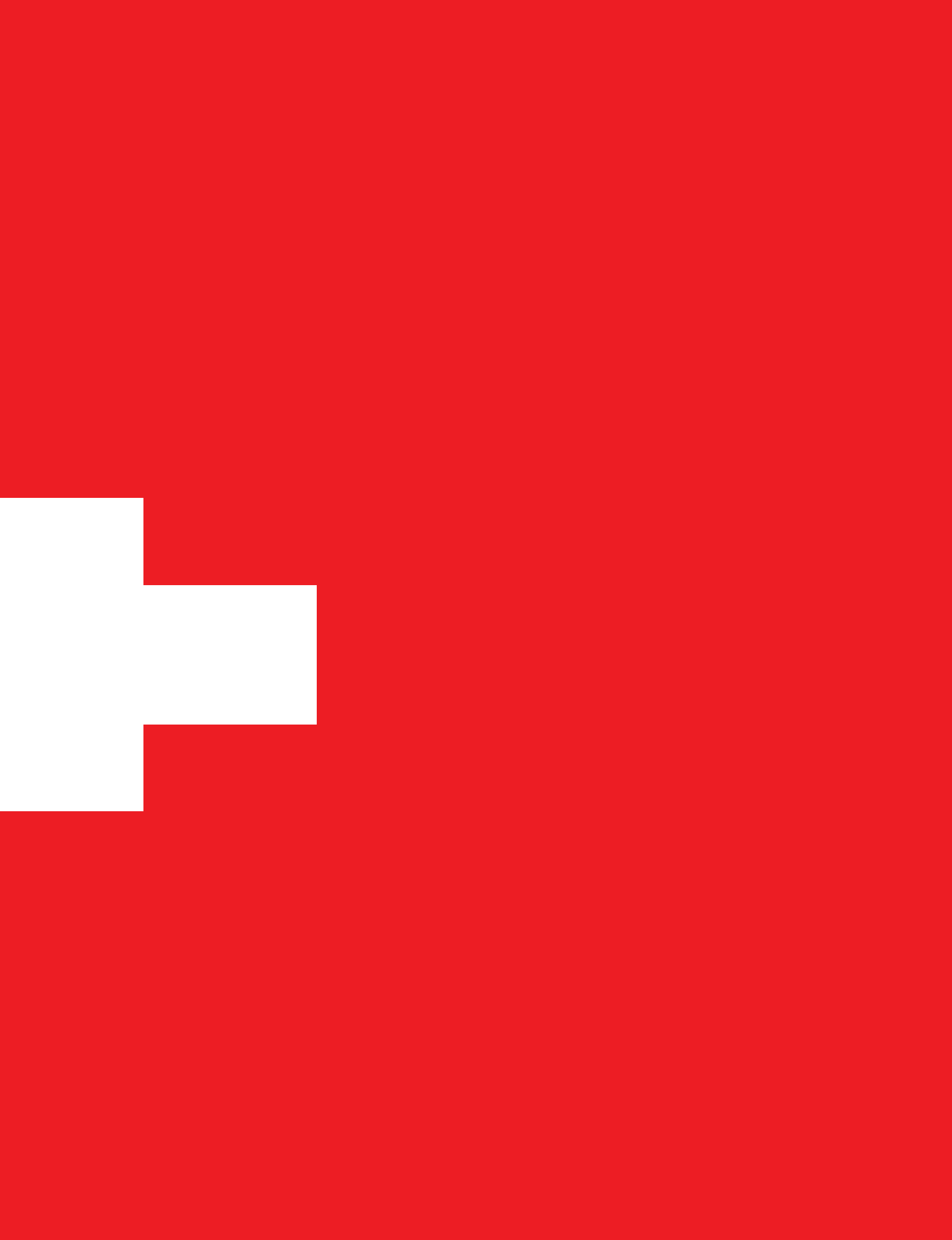
only for ø3.3 implant

S-BMTIA05



S-BTIA05

System » Digital System
Driver » Hex Screw Driver



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