

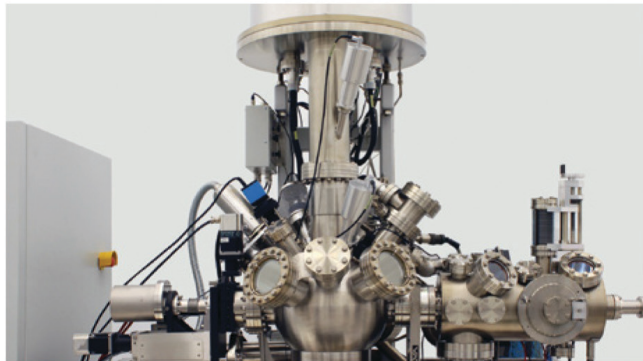


bonafix
surgical & dental implants



KEY QUALITY ELEMENTS

Aerospace accuracies integrated with biomechanical excellence and stringent medical production procedures.



QUALITY MANAGEMENT SYSTEM

As dental product safety and reliability are at the forefront of all our activities, our quality management system controls our in-house implants production process. From raw material to clean room packaging, all production stages are made in-house in our own state-of-the-art facility.

Each and every step is closely monitored and constantly validated to ensure product safety and reliability.



OPERATORS' TRAINING

This advanced quality assurance system aims to assure that our performance of zero PPM (zero defects per million parts) proven capability will be sustained.

An integral part of this system is the operators' training and each and every one of them undergoes an elementary dental implantology course to heighten the responsibility level which is expected in the production of dental implants.



INSPECTION

All implants and prosthetics undergo a comprehensive internal testing and inspection process, which fully complies and furthermore exceeds all applicable regulations and standards.



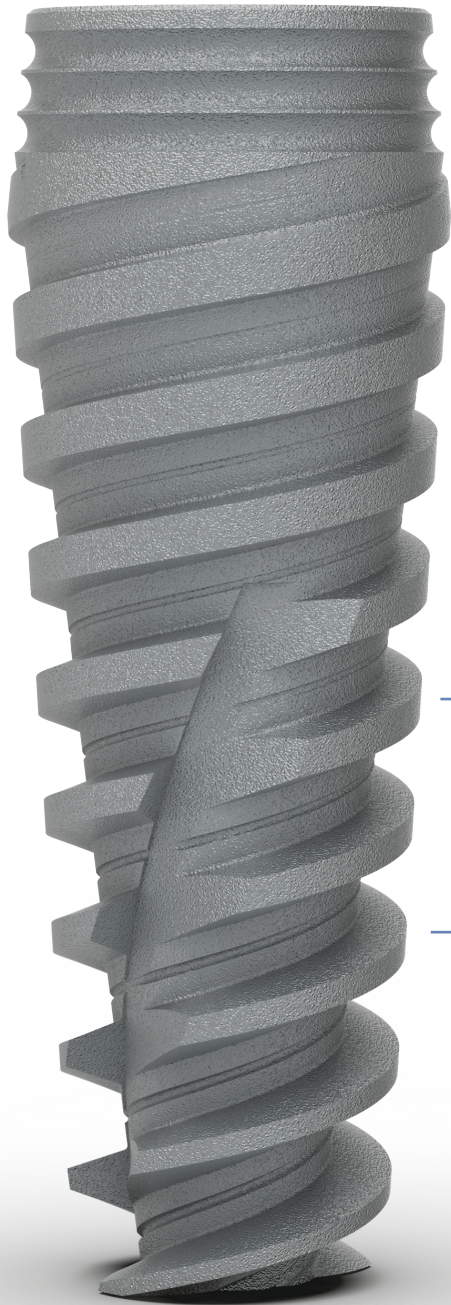
CLEANROOM

Prior to cleanroom packaging, the implants and instruments are mechanically washed and disinfected in accordance with the highest standards. The implants are then delivered to the clean room for packaging.

These facilities are ISO 14644-1 [class 7] compliant, i.e. for particle counts of less than 1 per million/m³.

IMPLANT CHARACTERISTICS

Simplicity!
One platform
for all sizes

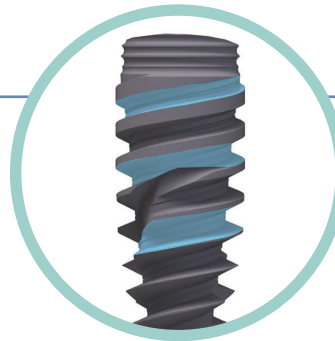


Built-In Platform Switching

Prevent crestal bone loss, which is fundamental for long-term success and stability. It increases the volume of soft tissue around the implant platform, helping to improve the aesthetic final result. As well as reduce the amount of stress transferred from the abutment to the bone.

Micro Ring

Tapered coronal design and micro ring designed to reduce bone stress and minimize bone resorption to optimize bone and soft tissue volume.



Dual Threads

Tapered implant body & core with dual thread and optimal pitch of 1.0mm for faster implant insertion with better stability.

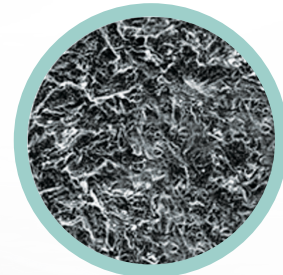
Initial Stability

Progressive threads with compression properties and drilling blades on the apex enable to adjust the implant position during placement.

Implant Surface

Proper implant surface is the key for optimal osseointegration. Our unique process is a combination of sandblasted large grit particles and acid-etched.

The roughened micro & nano surface structure improve bone adhesion that significantly increase surface area of the implant body for optimal osseointegration.



Safe Insertion

Curved passive apex allows safe implant insertion without the risk of damage to the surrounding.

**TI GAL 4V-ELI Titanium Alloy for
Implants Made in the U.S.A.**

The micro and macro structure achieved by our process facilitates an accelerated osseointegration of Bonafix™ Implants.



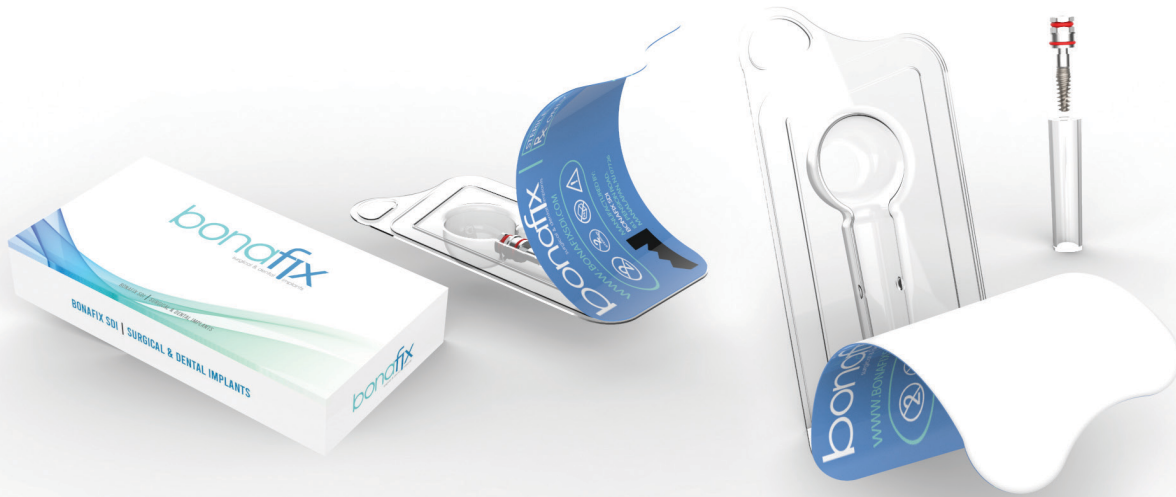
IMPLANT COLOR CODING



Each package is designed with a number of indications that ensure fast and reliable product identification:

- Lid color indication - five colors represent different diameters: purple, white, red, blue, and green.
- The label on the tube's lid indicates the implant's diameter.
- A product characterization label is positioned outside the implant's outer tube.

PACKAGING & LABELING



Implant sits inside of a plastic tube secured with an implant holder.
The durable blister pack serves as a sterile barrier and is placed inside of the box.



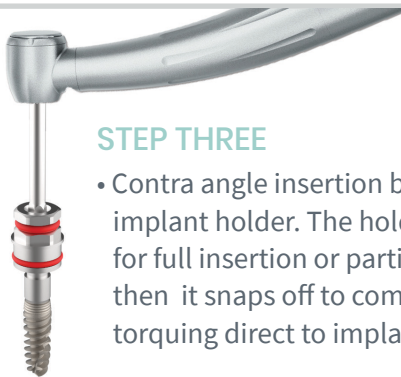
STEP ONE

- Remove the cover screw from the implant holder.



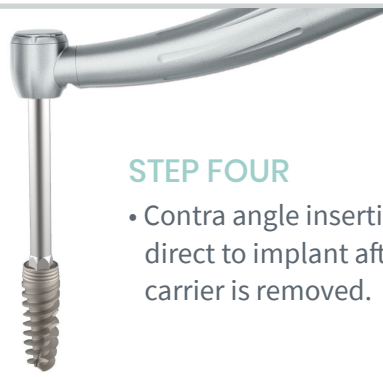
STEP TWO

- Manual insertion by a driver or ratchet.



STEP THREE

- Contra angle insertion by a motor using implant holder. The holder can be used for full insertion or partial insertion then it snaps off to complete final torquing direct to implant.



STEP FOUR

- Contra angle insertion by a motor direct to implant after implant carrier is removed.

PACKAGING & LABELING

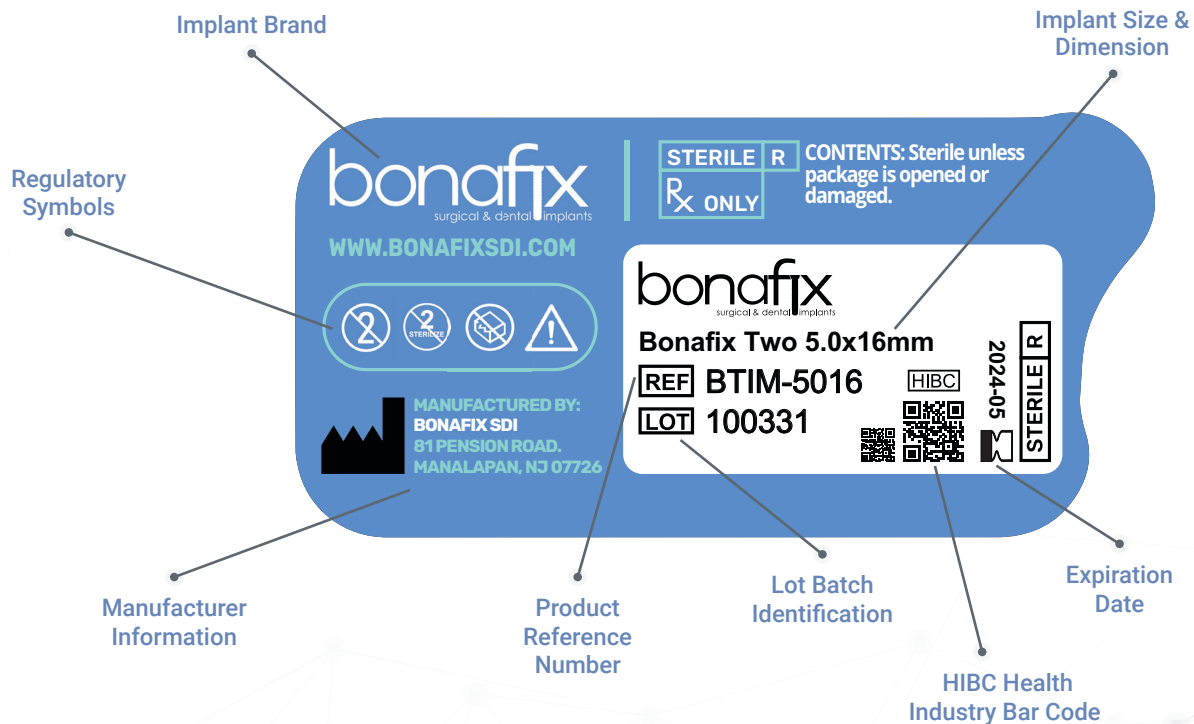


Our packaging was designed to be eye catching and smooth to the touch. Everything is clearly color coded for ease of use and identification purposes.

High quality materials are use to ensure your product arrives to you in the same condition in which it left the facility.



PACKAGING & LABELING



BONAFIX IMPLANT SYSTEM

Bonafix Surgical & Dental Implants are tapered internal hex implants designed to enable easy insertion while supporting excellent initial stability. The variable thread design enables self-tapping, thus providing superb solutions for a variety of bone collections.

All our implants are made of the titanium alloy Ti-6Al-4V ELI, in accordance with ASTM-F136-02. Titanium has the outstanding capability to integrate almost complete with the bone. This unique characteristic coupled with its metallurgic advantages of strength & endurance makes titanium the ideal implant material. In addition, it can be precisely machined to ensure a range of implants that meet the requirements of modern state of the art prosthetics. All our implants are coated with Bona Active Surface treatment.

Bonafix Surgical & Dental Implants design offers an excellent solution for immediate placement and immediate loading. One platform fits all implant diameters. Packaging has been designed for quick identification and easy opening.

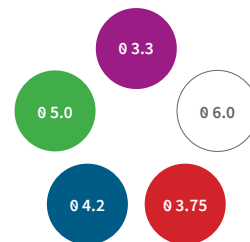
Bonafix Surgical & Dental Implants adhere to the highest international standards of manufacturing and have the ISO standards institute and FDA approval.

bonafix



Clinical Benefits

- Better control during placement.
- Greater initial placement stability.
- Self-drilling, super self-tapping feature.
- Self-condensing.
- Self-directing in line of insertion.

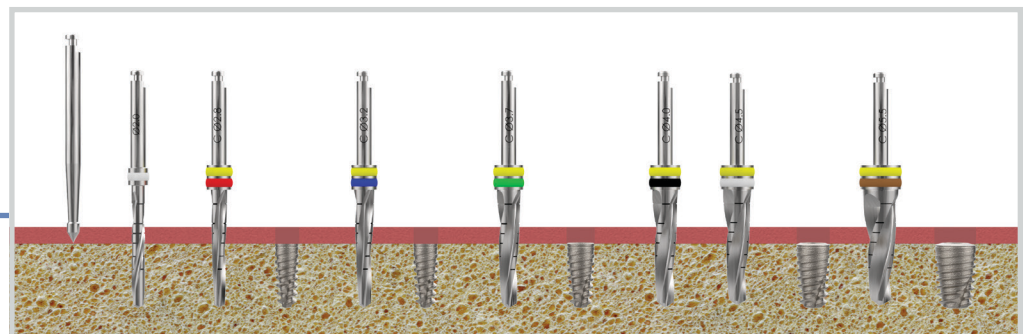


Material: Ti-6Al-4V ELI
Treatment: Bona Active Surface

Drill Sequence

Bone Type D2, D3

MD 100 and \varnothing 2.0 drill to be used at the beginning of each procedure.





BONAFIX IMPLANT SYSTEM

ØD (mm)	Ø D1 (mm)	L (mm)	Cat. No.
3.3	2.6	8	BTIM3308N
		10	BTIM3310N
		11	BTIM3311N
		13	BTIM3313N
		16	BTIM3316N
3.75	3.1	8	BTIM37508N
		10	BTIM37510N
		11.5	BTIM37511N
		13	BTIM37513N
		16	BTIM37516N
4.2	3.5	8	BTIM4208N
		10	BTIM4210N
		11.5	BTIM4211N
		13	BTIM4213N
		16	BTIM4216N
5.0	4.5	8	BTIM5008N
		10	BTIM5010N
		11.5	BTIM5011N
		13	BTIM5013N
		16	BTIM5016N
6.0	5.5	8	BTIM6008N
		10	BTIM6010N
		11.5	BTIM6011N
		13	BTIM6013N

BONAFIX IMPLANT SYSTEM

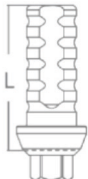


Titanium Healing Abutment 3mm *Regular Platform*

				
H	2mm	3mm	4mm	5mm
Ø	3.8mm	3.8mm	3.8mm	3.8mm
Internal Hex Compatible*	HCN-3030	HCN-3040	HCN-3050	HCN-3070

Titanium Healing Abutment 4mm *Regular Platform*

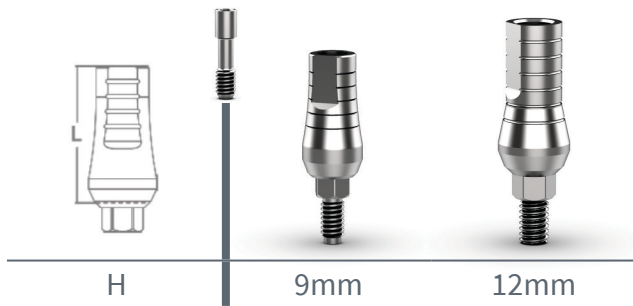
				
H	2mm	3mm	4mm	5mm
Ø	4.6mm	4.6mm	4.6mm	4.6mm
Internal Hex Compatible*	HCN-3050	HC-4050	HC-5050	HCW-6050

Temporary Titanium Abutment *Regular Platform*

		
H	10mm	10mm
Internal Hex Compatible*	TMP-E10	TMP-NE-10

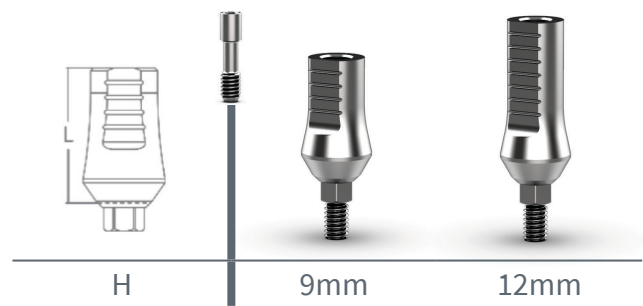
BONAFIX IMPLANT SYSTEM

○ Straight Abutment - Ø 4.5mm Regular Platform



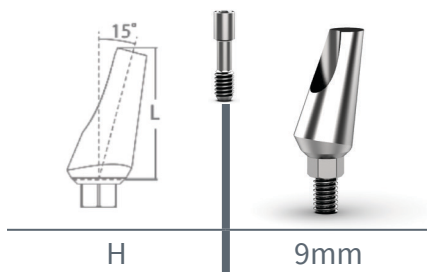
Internal Hex
Compatible* | ZENS9RH | ZENS13RH

○ Straight Abutment - Wide - Ø 5.5mm Regular Platform



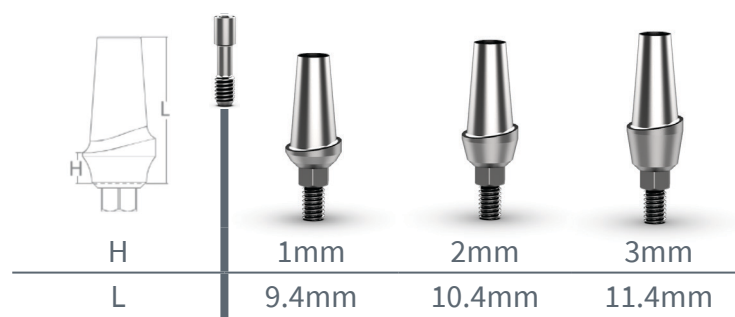
Internal Hex
Compatible* | SA-SV-RP9W | SA-SV-RP12W

○ Angled Abutment 15° Regular Platform



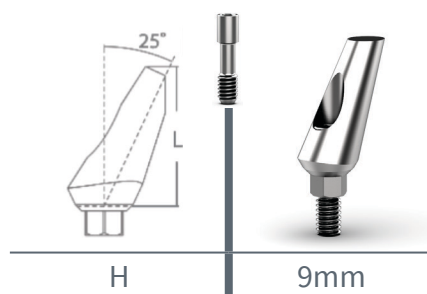
Internal Hex
Compatible* | ZENA15RH

○ Concave Anatomic Straight Abutment Regular Platform



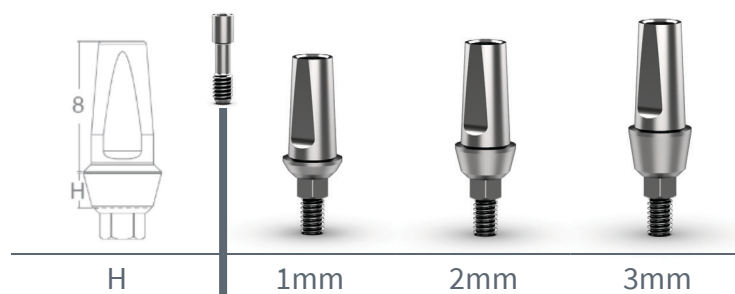
Internal Hex
Compatible* | SCM-3010 | SCM-3020 | SCM-3030

○ Angled Abutment 25° Regular Platform



Internal Hex
Compatible* | ZENA25RH

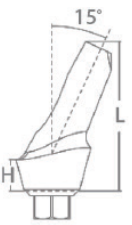
○ Straight Abutment w/Shoulder Regular Platform



Internal Hex
Compatible* | ZENES1H | ZENES2H | ZENES3H

BONAFIX IMPLANT SYSTEM

Anatomic Angled Abutment - 15° Regular Platform



H	1mm	2mm	3mm
L	9.4mm	10.4mm	11.4mm

Internal Hex
Compatible*

ANG-1115-10	ANG-1215-20	ANG-1315-30
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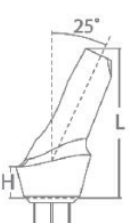
Click Transfer Regular Platform



Length

TRS-0010

Anatomic Angled Abutment - 25° Regular Platform

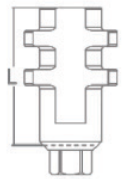



H	1mm	2mm	3mm
L	9.4mm	10.4mm	11.4mm

Internal Hex
Compatible*

ANG-1125-10	ANG-1225-20	ANG-1325-30
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Open Tray Impression Coping Regular Platform


H

11mm

Internal Hex
Compatible*

Tro-1310

Closed Tray Impression Coping - Standard - Ø 4mm Regular Platform

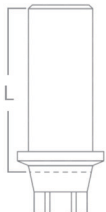




H	10mm
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Internal Hex
Compatible*

CT-SV-RPSN

Plastic Abutment for Casting Regular Platform

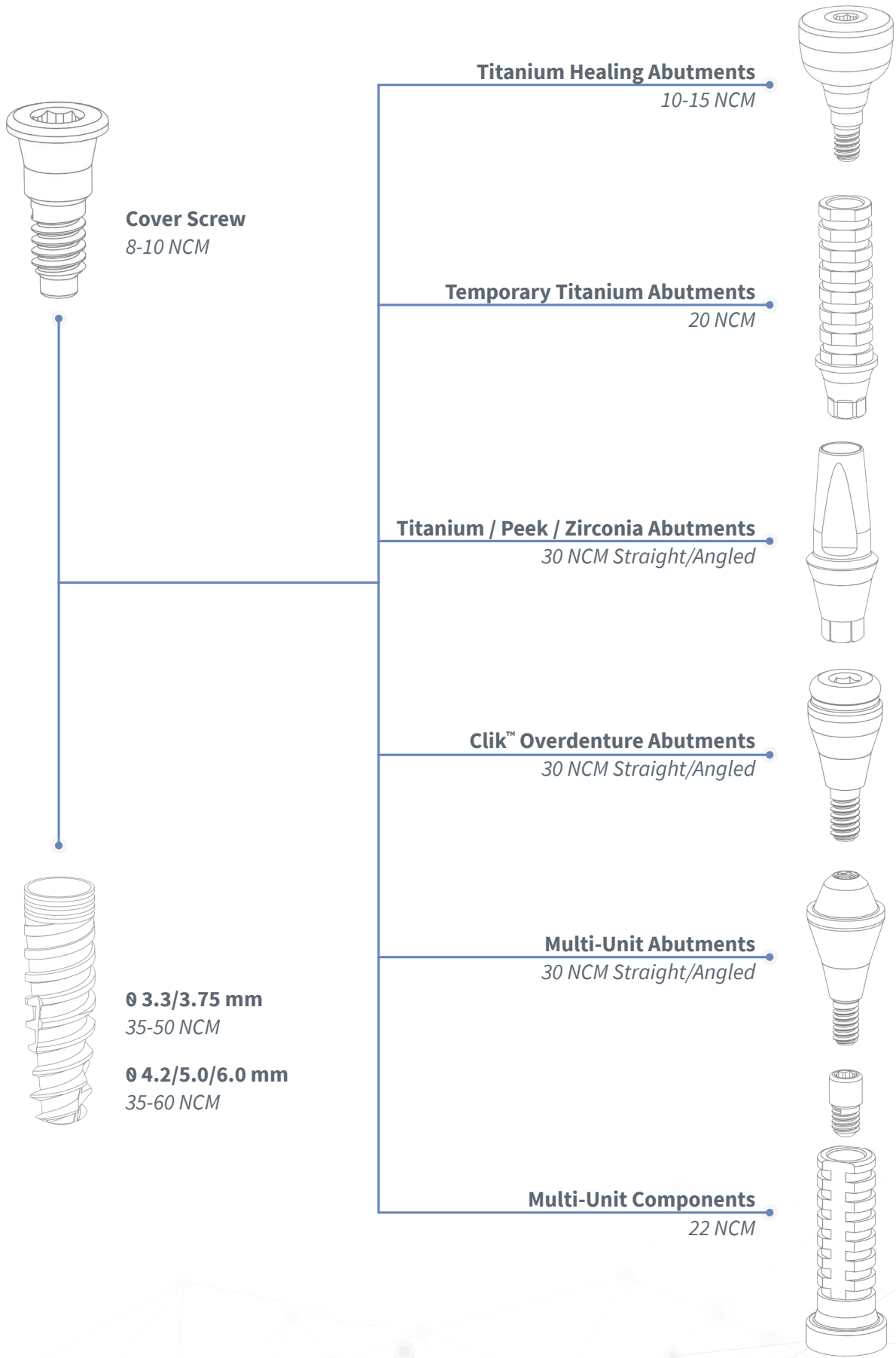




H	8mm	8mm
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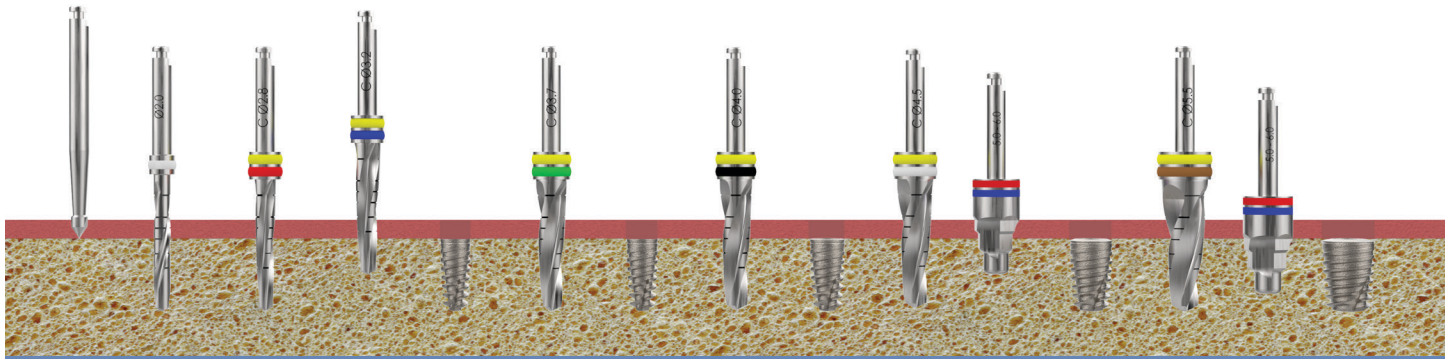
Internal Hex
Compatible*

PIS-0013	PIS-0012
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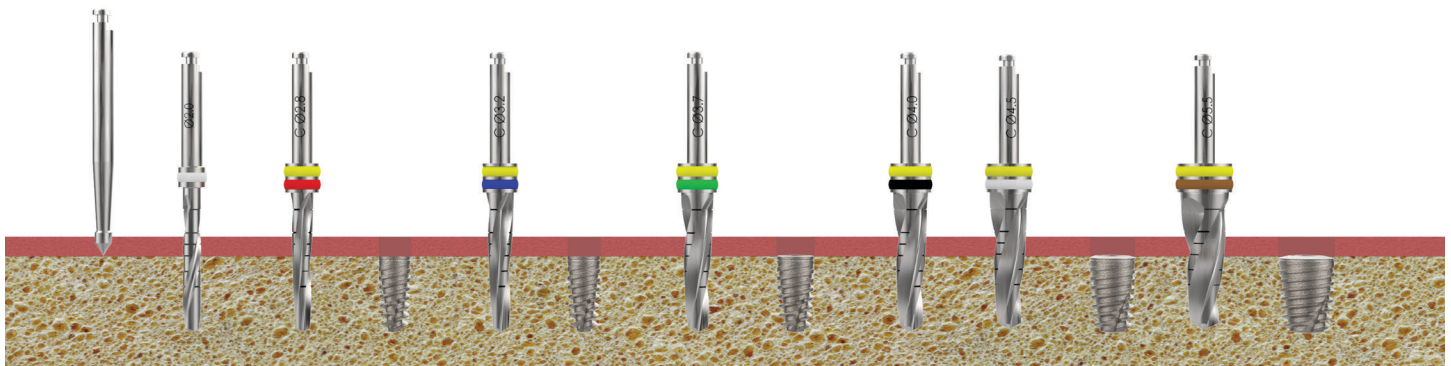
TORQUE SETTINGS



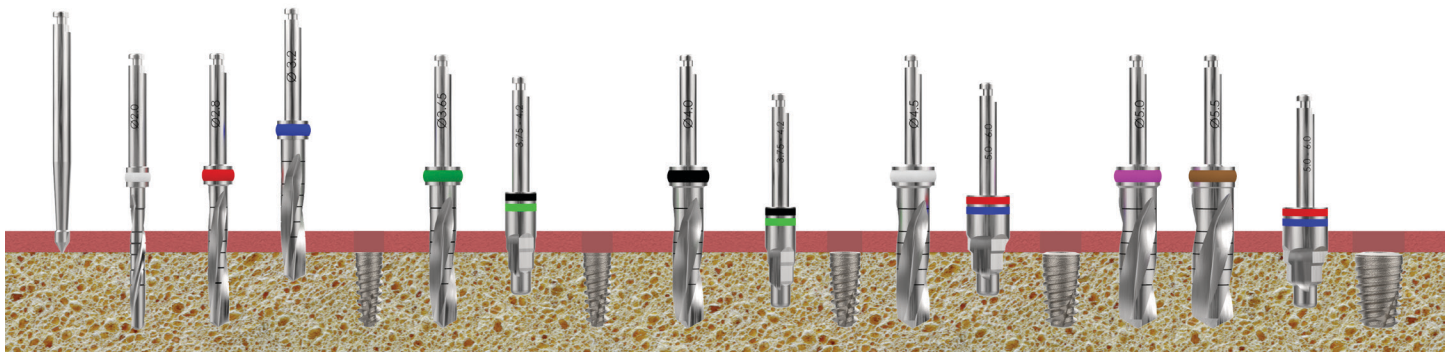
DRILLING SEQUENCES



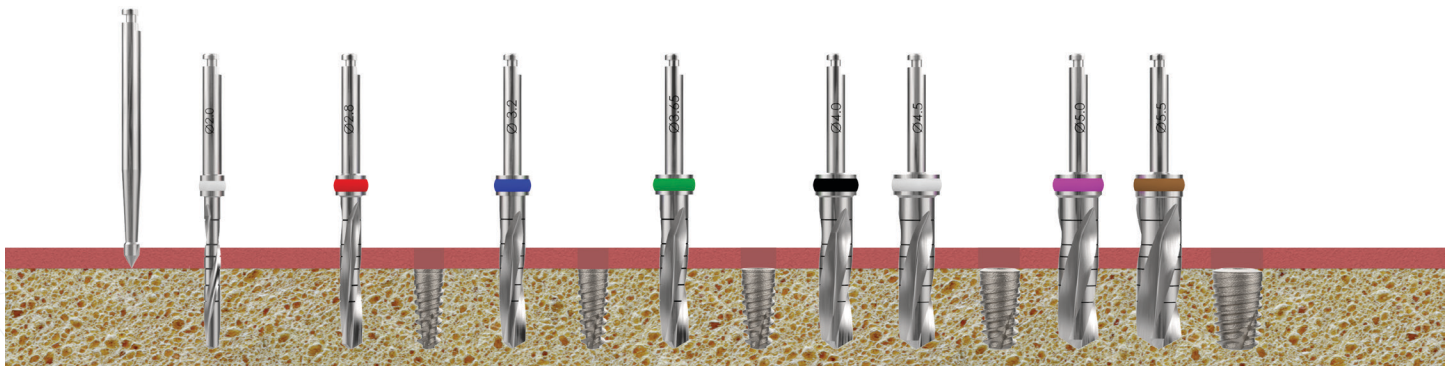
Conical Drills Hard Bone Protocol



Conical Drills Soft Bone Protocol



Cylindrical Drills Hard Bone Protocol

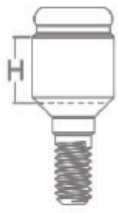



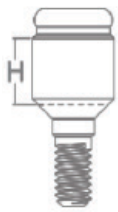





Cylindrical Drills Hard Bone Protocol

ATTACHMENT SYSTEMS

Straight Titanium Klik - Mini Kit *Regular Platform*



			
H	1mm	2mm	3mm
Internal Hex Compatible*	LOC1M	LOC2M	LOC3M
			
H	4mm	5mm	6mm
Internal Hex Compatible*	LOC4M	LOC5M	LOC6M


Angled Titanium Klik - 18° *Regular Platform*



			
H	1mm	2mm	3mm
Internal Hex Compatible*	ANGLOC181	ANGLOC182	ANGLOC183

Angled Titanium Klik - 30° *Regular Platform*



			
H	1mm	2mm	3mm
Internal Hex Compatible*	ANGLOC301	ANGLOC302	ANGLOC303

ANGULATED ABUTMENTS

Angulated Multi-Unit Abutments

✓ INNOVATIVE SOLUTION

Low profile enables exceptional aesthetics in both edentulous and partially dentate arches.

✓ SIMPLIFIED WORK FLOW

In both mandibular and maxilla challenging implant angles.

✓ COMPREHENSIVE RESTORATIVE SOLUTION

- Angulated [17° & 30°]
- Superior quality & strength titanium alloy.
- Two collar heights
- Final torque: 30 Ncm



Multi-Unit Kit Comes With:

- Pre-mounted carrier [cat. no. MUT-001]
- Pre-mounted abutment screw [cat. no. MUAS-2002]

Angled Multi-Unit Abutments

Available in a variety of sizes and angles for difficult to restore cases.

Low Profile

Abutment emergence profiles seat easily in shallow or deep tissue without the need for additional remodeling.

45° Conical Connection

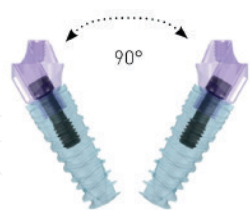
Provides maximum angulation correction to create a passive prosthetic fit.

Sculpted Design

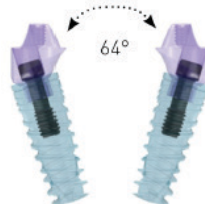
Provides optimal soft tissue contouring with a wide variety of collar heights.

Retained Abutment Screw

For one-handed delivery of angled abutments 1.25mm hex driver.



The 30° multi-unit abutment allows an insertion path of up to 90° divergence.



The 17° multi-unit abutment allows an insertion path of up to 64° divergence.

MULTI-UNIT ABUTMENTS

Straight Abutment *Regular Platform*

				
H	1mm	2mm	3mm	4mm
Internal Hex Compatible*	MU00H1	MU00H2	MU00H3	MU00H4

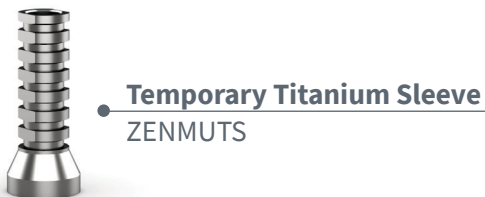
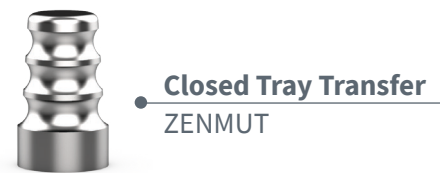
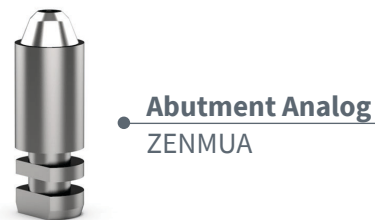
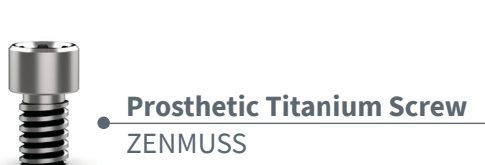
One Piece Angled 17° Abutment Mini Kit *Regular Platform*

		
G H	2mm	3mm
Internal Hex Compatible*	MU17H2	MU17H3

One Piece Angled 30° Abutment Mini Kit *Regular Platform*








		
G H	3mm	4mm
Internal Hex Compatible*	MU30H3	MU30H4

MULTI-UNIT COMPONENTS



BALL ATTACHMENTS

Ball Attachment Regular Platform

						
H	1mm	2mm	3mm	4mm	5mm	6mm
Internal Hex Compatible*	BA1RH	BA2RH	BA3RH	BA4RH	BA5RH	BA6RH



Ball Attachment Components
Transparent
SIL-0001





Ball Attachment Components
Metal Housing
HUS-0000

Titanium Scan Body Regular Platform

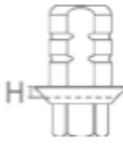




JZ35
Internal Hex Compatible*

Pre-Milled Titanium Blank Regular Platform

	
Arum Compatible*	Amann Girrbach Compatible*
Internal Hex Compatible*	Internal Hex Compatible*
PMAM-SV-RP	PMAG-SV-RP

DIGITAL SOLUTIONS CAD/CAM

Titanium Base Regular Platform

			
H	6mm	6mm	4mm
Internal Hex Compatible*	TB6E	TB6NE	TIZ35



Multi-Unit Scan Body
ZENMUSC



Multi-Unit CAD/CAM Sleeve
ZENMUS

Ratchet, Depth Probe & Parallel Pins



- **Parallel Pin**
TPP-200330
Ø 2.0 - Ø 3.20 mm
Length: 24 mm



- **Torque Ratchet**
TRW-200310
10-45 Ncm






- **Ratchet Wrench**
RW-200311



DRIVERS

For Implants


>HD24 HEX DRIVERS 2.42mm

Length (mm)	Item	
7	HD2407	
10	HD2410	
15	HD2415	

>MM24 MOTOR MOUNTS 2.42mm




Length (mm)	Item	
22	MM2420 22	
28	MM2428	

>WH HAND WRENCH 6.35mm




Length (mm)	Item	
-	WH	

For Prosthetics



>HHD HAND HEX DRIVERS 1.25mm

Length (mm)	Item	
7	HHD1207	
10	HHD1210	
15	HHD1215	

>HD12 HEX DRIVERS 1.25mm

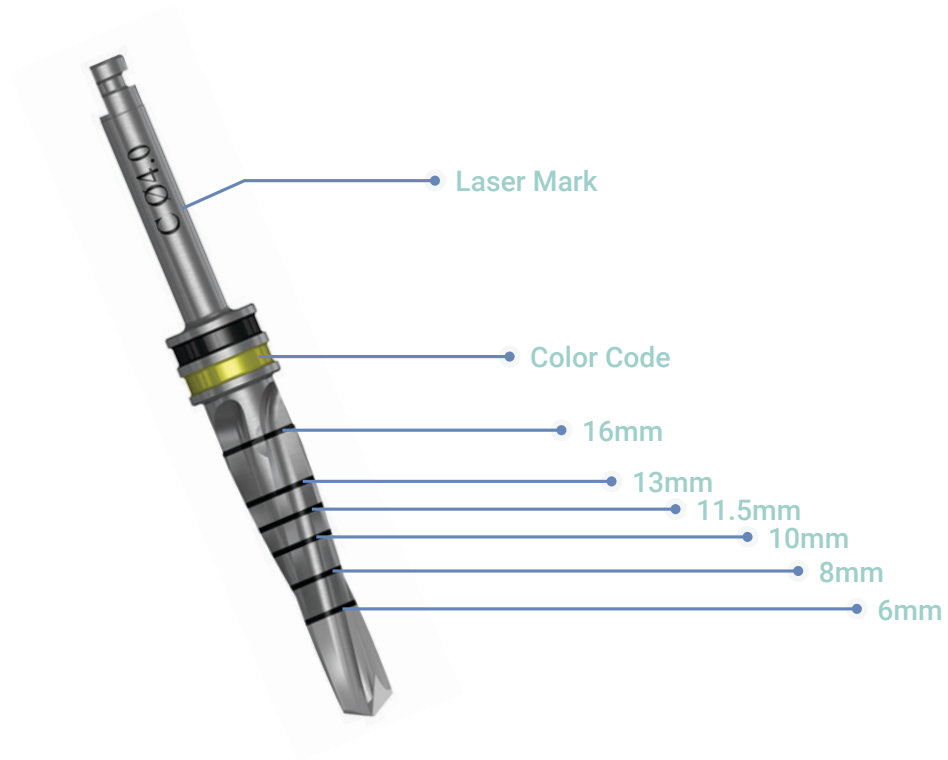
Length (mm)	Item	
7	HD1207	
10	HD1210	
15	HD1215	

>MM12 MOTOR MOUNTS 1.25mm

Length (mm)	Item	
22	MM1220	
28	MM1228	

DRILLS

Stainless Steel





>TDC CONICAL DRILLS

Length (mm)	Item	
1.6-2.0	TDC7622	
1.8-2.8	TDC7828	
2.0-3.2	TDC2032	
2.5-3.7	TDC2537	
2.7-4.0	TDC2740	
2.7-4.5	TDC2745	
3.1-5.5	TDC3755	


DRILLS

Stainless Steel


>LPD LANCE DRILLS

ØD (mm)	External Irrigation	
1.2	LPD12	
1.5	LPD15	




>MDL19 MARKING DRILL

ØD (mm)	External Irrigation	
1.9	MDL19	



>TDE DRILL EXTENDER

ØD (mm)	External Irrigation	
-	TDE	

>TB TREPHINE BURRS

ØD (mm)	External Irrigation	
3.0 - 4.0	TB3040	
4.0 - 5.0	TB4050	
5.0 - 6.0	TB5060	


>CD COUNTERSINK DRILLS

ØD (mm)	External Irrigation	
3.75 - 4.2	CD3742	
5.0 - 6.0	CD5060	






DRILL STOPPERS

Stainless Steel






>S20 STOPPER DRILL - 2.0mm

Drill Depth	Code	
L6	S20L6	
L8	S20L8	
L10	S20L10	
L11.5	S20L11.5	
L13	S20L13	






>S25 STOPPER DRILL - 2.5mm

Drill Depth	Code	
L6	S25L6	
L8	S25L8	
L10	S25L10	
L11.5	S25L11.5	
L13	S25L13	

>S28 STOPPER DRILL - 2.8mm

Drill Depth	Code	
L6	S28L6	
L8	S28L8	
L10	S28L10	
L11.5	S28L11.5	
L13	S28L13	






>S32 STOPPER DRILL - 3.2mm

Drill Depth	Code	
L6	S32L6	
L8	S32L8	
L10	S32L10	
L11.5	S32L11.5	
L13	S32L13	

DRILL STOPPERS

Stainless Steel

>S36 STOPPER DRILL - 3.65mm

Drill Depth	Code	
L6	S36L6	
L8	S36L8	
L10	S36L10	
L11.5	S36L11.5	
L13	S36L13	

>S42 STOPPER DRILL - 4.2mm

Drill Depth	Code	
L6	S42L6	
L8	S42L8	
L10	S42L10	
L11.5	S42L11.5	
L13	S42L13	

>S52 STOPPER DRILL - 5.2mm

Drill Depth	Code	
L6	S52L6	
L8	S52L8	
L10	S52L10	
L11.5	S52L11.5	
L13	S52L13	

KITS & TOOLS

BONAFIX KITS

CAT NO.	PRODUCT
DR-5019	Marking Drill 1.9 without irrigation
TDC16x20L16	Pilot Drill
TDC18X28L16	Drill 1.8-2.8
TDC20X33L16	Drill 2.0-3.2
TDC25X37L16	Drill 2.5-3.7
TDC27X40L16	Drill 2.7-4.0
TDC27X45L16	Drill 2.7-4.5
TDC31X55L16	Drill 3.1-5.5
GP-1020	Guide Pin 10mm x 2
GP-1320	Guide Pin 13mm x 2
HD-2507	Hex Driver 1.25 L 7mm
HD-2510	Hex Driver 1.25 L 10mm
HD-4207	Hex Driver 2.42 L 7mm
HD-4215	Hex Driver 2.42 L 15mm
MG-4228	Motor Mount 2.42 Hex L28mm
MG-2522	Motor Mount 1.25 Hex L22mm
MG-2528	Motor Mount 2.42 Hex L20mm
RC-2030	Ratchet
RC-2050	Torque Ratchet Drill Extension
MC-0001	Metal Container



SURGICAL TOOLS



Laboratory Screwdriver Hex 1.25mm
LABK1010



Ratchet
RC2030

SYMBOL EXPLANATION



Sterilized Using Irradiation



Batch Code



Catalog Number



Caution



Do Not Re-Use



Do not use if package is damaged



Manufacture Date



Manufacturer



Expiry Date



Consult Instructions for Use [IFU]

Rx Only

Caution: US Federal Law restricts this device to prescription only

NOTES

A series of horizontal lines provided for writing notes.





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