



MAGICORE®

*It's time to choose.
Your choice will lead to the new future.*

MINIMALLY
INVASIVE
IMPLANTOLOGY



*It's time to choose.
Your choice will lead to
the new future.*



MAGICORE[®]

Used in 51 countries around the world.



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WORLDWIDE LOCATIONS



AMII USA



AMII KOREA



AMII CHINA



AMII COLOMBIA



AMII EGYPT



AMII FRANCE



AMII HUNGARY



AMII INDONESIA



AMII IRAQ



AMII KAZAKHSTAN



AMII KYRGYZSTAN



AMII MEXICO



AMII SAUDI ARABIA



AMII TÜRKIYE



AMII VIETNAM

Fixture Line-up

MAGICORE S

Ø 3.0 | Ø 3.5 | Ø 4.0 | Ø 4.5
Ø 5.0 | Ø 5.5 | Ø 6.0 | Ø 6.5

Optimized for the Minimally Invasive Implant Treatment

MAGICCORE®

01

The world's first minimally invasive implant

02

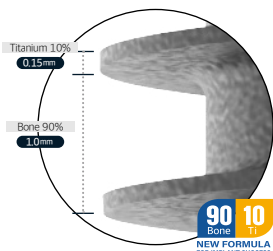
MagiCore is reliable. It can keep the healthy periodontal condition and provides strong prosthetic connection

Magic Post

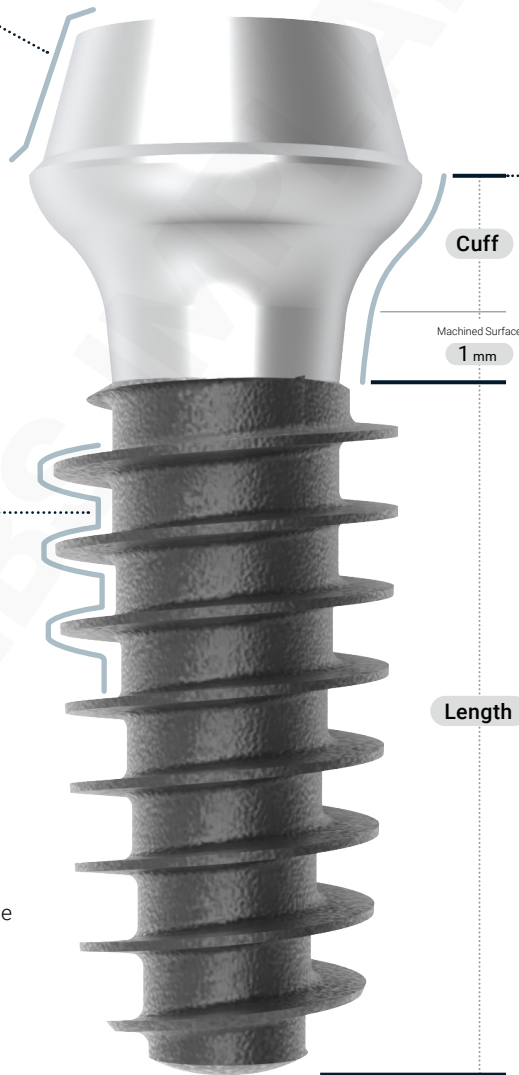
2 mm

- Optimal height of 2mm requires no additional milling.
- Applicable to various abutments and crown shapes.
- The Magic connection guarantees stronger connection from both inside and outside.
- Ferrule effect of the magic connection prevents fracture.

Magic Fin Thread



- Square shape of the Magic Fin Thread offers better stress distribution.
- Protects the interthread bone by matching the physical properties of the bone and titanium.
- Initial stability can be obtained in any situation, with any bone quality.
- Reduced osteotomy damage accelerates bone healing by shortening osteoclastic activity.



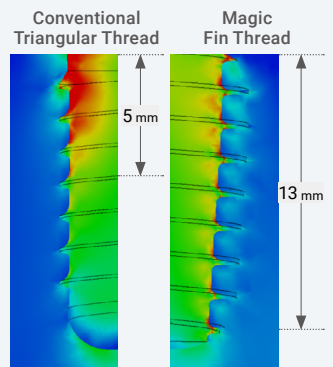
Magic Cuff

Cuff + 1mm

- Maintains ideal biologic width.
- Junctional epithelium and connective tissue adhesion.
- Monolithic structure with no microgap prevents bacteria accumulation.
- Promises aesthetic and healthy soft tissue.

Stress Distribution Test

(FEM : Finite Element Method)



MAGICORE S

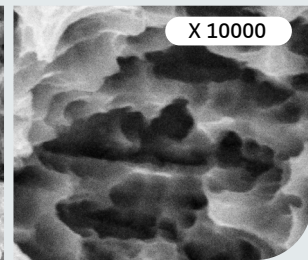
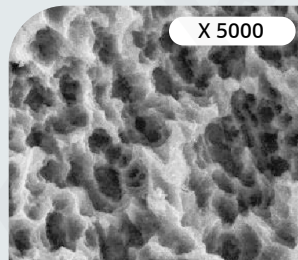
01

Using the Sandblasted, Large grit, Acid-etched surface treatment technology, there is a 120% increase in the surface area and a reduction in loading time.

02

With a surface roughness (RA) of 2.5~3.0 μ m and the uniform implementation of micro pits, excellent bone response is achieved.

MAGICORE S Surface Configuration



* SEM/EDS Analysis



MAGICORE S Ø 3.0

Length 11 mm | 13 mm | 15 mm
Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

Fixture **3.0** Magic Post **4.0**

Length **11 mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	401M3011S	402M3011S	403M3011S	404M3011S

* Scale : 150% | Unit : mm

Fixture **3.0** Magic Post **4.0**

Length **13 mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	401M3013S	402M3013S	403M3013S	404M3013S

* Scale : 150% | Unit : mm

Fixture **3.0** Magic Post **4.0**

Length **15 mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	401M3015S	402M3015S	403M3015S	404M3015S

* Scale : 150% | Unit : mm

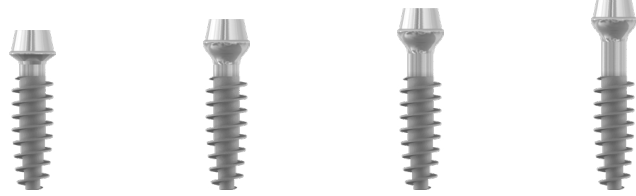
MAGICORE S Ø 3.5

Length 11 mm | 13 mm | 15 mm

Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

Fixture **3.5** Magic Post **4.0**

Length 11 mm



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	401M3511S	402M3511S	403M3511S	404M3511S

* Scale : 150% | Unit : mm

Fixture **3.5** Magic Post **4.0**

Length 13 mm



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	401M3513S	402M3513S	403M3513S	404M3513S

* Scale : 150% | Unit : mm

Fixture **3.5** Magic Post **4.0**

Length 15 mm



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	401M3515S	402M3515S	403M3515S	404M3515S

* Scale : 150% | Unit : mm

MAGICORE S Ø 4.0

Length 7 mm | 9 mm | 11 mm | 13 mm
Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

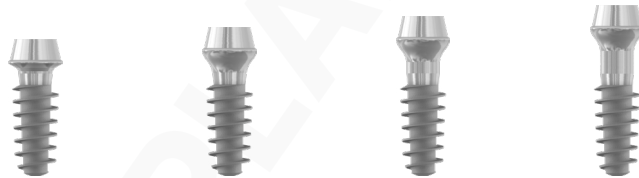
Fixture 4.0 Magic Post 4.5 Length **7mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4007S	452M4007S	453M4007S	454M4007S

* Scale : 150% | Unit : mm

Fixture 4.0 Magic Post 4.5 Length **9mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4009S	452M4009S	453M4009S	454M4009S

* Scale : 150% | Unit : mm

Fixture 4.0 Magic Post 4.5 Length **11mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4011S	452M4011S	453M4011S	454M4011S

* Scale : 150% | Unit : mm

Fixture 4.0 Magic Post 4.5 Length **13mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4013S	452M4013S	453M4013S	454M4013S

* Scale : 150% | Unit : mm

MAGICORE S Ø 4.5

Length 7 mm | 9 mm | 11 mm | 13 mm
Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

Fixture 4.5 Magic Post 4.5 Length 7 mm



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4507S	452M4507S	453M4507S	454M4507S

* Scale : 150% | Unit : mm

Fixture 4.5 Magic Post 4.5 Length 9 mm



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4509S	452M4509S	453M4509S	454M4509S

* Scale : 150% | Unit : mm

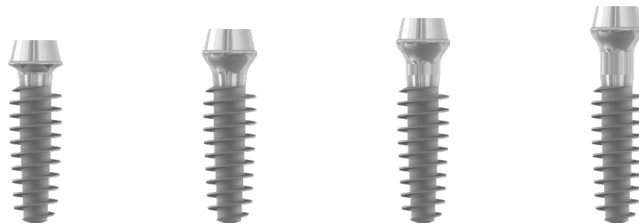
Fixture 4.5 Magic Post 4.5 Length 11 mm



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4511S	452M4511S	453M4511S	454M4511S

* Scale : 150% | Unit : mm

Fixture 4.5 Magic Post 4.5 Length 13 mm



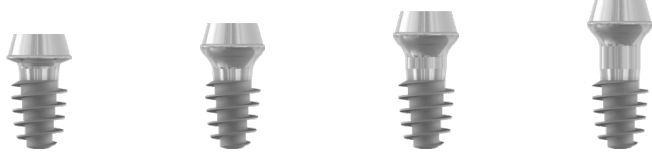
Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	451M4513S	452M4513S	453M4513S	454M4513S

* Scale : 150% | Unit : mm

MAGICORE S Ø 5.0

Length 7 mm | 9 mm | 11 mm | 13 mm
Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

Fixture **5.0** Magic Post **5.5** Length **7mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5007S	552M5007S	553M5007S	554M5007S

* Scale : 150% | Unit : mm

Fixture **5.0** Magic Post **5.5** Length **9mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5009S	552M5009S	553M5009S	554M5009S

* Scale : 150% | Unit : mm

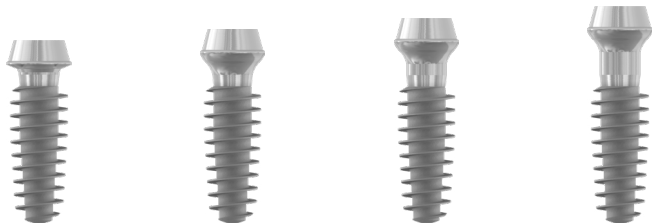
Fixture **5.0** Magic Post **5.5** Length **11mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5011S	552M5011S	553M5011S	554M5011S

* Scale : 150% | Unit : mm

Fixture **5.0** Magic Post **5.5** Length **13mm**



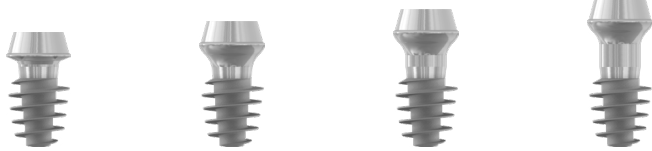
Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5013S	552M5013S	553M5013S	554M5013S

* Scale : 150% | Unit : mm

MAGICORE S Ø 5.5

Length 7 mm | 9 mm | 11 mm | 13 mm
Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

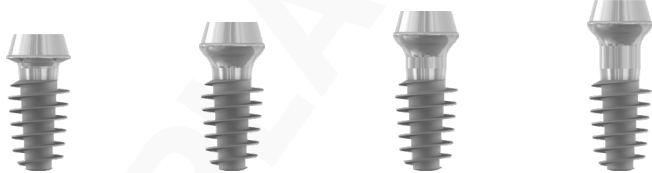
Fixture 5.5 Magic Post 5.5 Length **7mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5507S	552M5507S	553M5507S	554M5507S

* Scale : 150% | Unit : mm

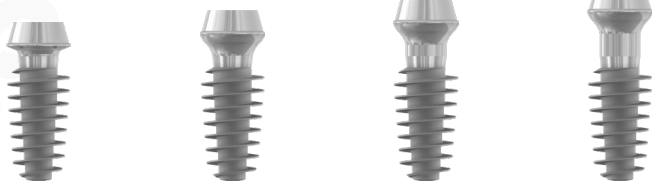
Fixture 5.5 Magic Post 5.5 Length **9mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5509S	552M5509S	553M5509S	554M5509S

* Scale : 150% | Unit : mm

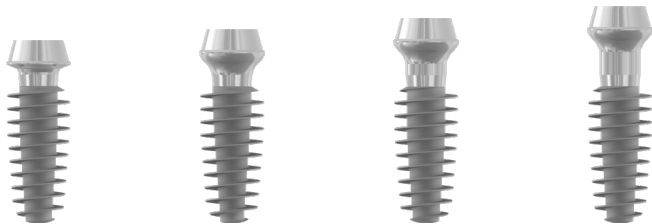
Fixture 5.5 Magic Post 5.5 Length **11mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5511S	552M5511S	553M5511S	554M5511S

* Scale : 150% | Unit : mm

Fixture 5.5 Magic Post 5.5 Length **13mm**



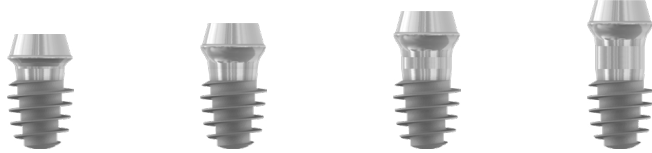
Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M5513S	552M5513S	553M5513S	554M5513S

* Scale : 150% | Unit : mm

MAGICORE S Ø 6.0

Length 7 mm | 9 mm
Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

Fixture **6.0** Magic Post **5.5** Length **7mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M6007S	552M6007S	553M6007S	554M6007S

* Scale : 150% | Unit : mm

Fixture **6.0** Magic Post **5.5** Length **9mm**



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M6009S	552M6009S	553M6009S	554M6009S

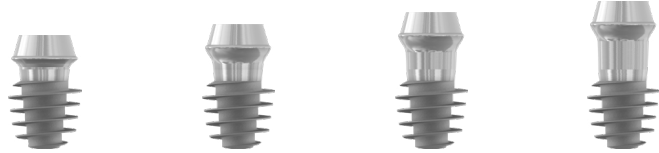
* Scale : 150% | Unit : mm

MAGICORE S Ø 6.5

Length 7 mm | 9 mm

Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

Fixture 6.5
Magic Post 5.5
Length 7 mm



Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M6507S	552M6507S	553M6507S	554M6507S

* Scale : 150% | Unit : mm

Fixture 6.5
Magic Post 5.5
Length 9 mm

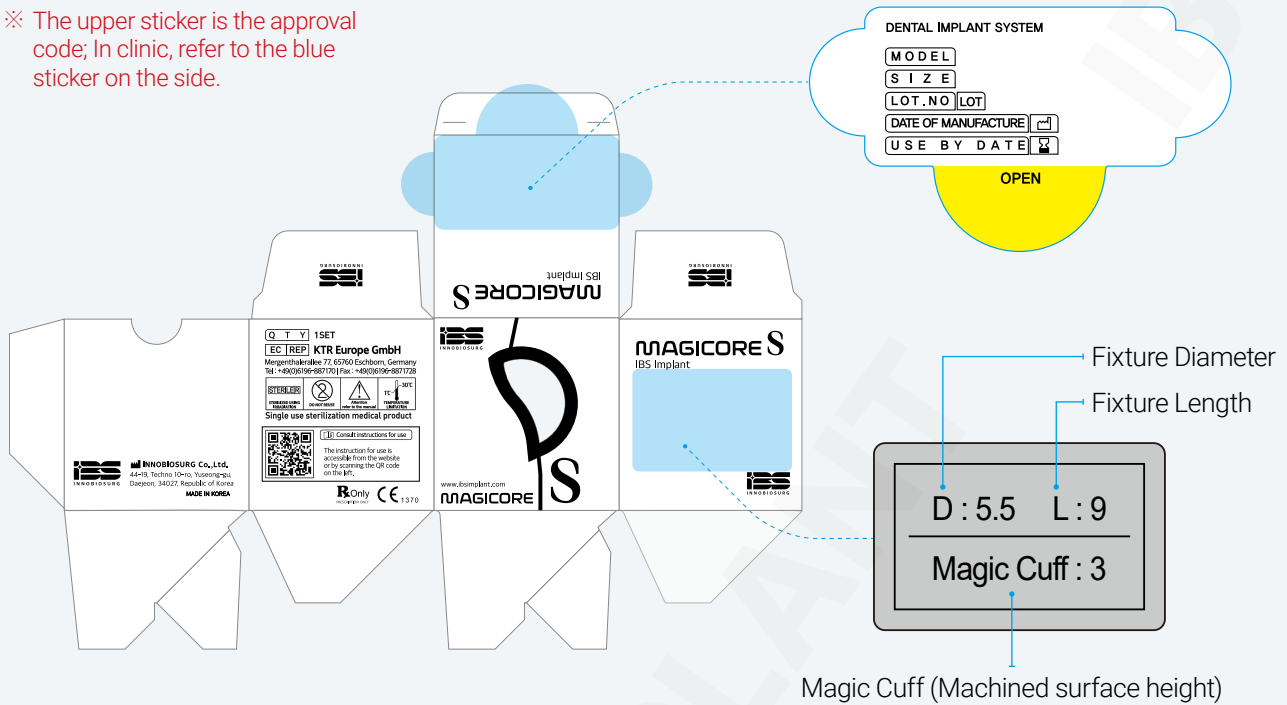


Magic Cuff (Cuff)	2 (1)	3 (2)	4 (3)	5 (4)
Code	551M6509S	552M6509S	553M6509S	554M6509S

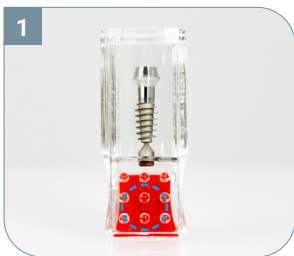
* Scale : 150% | Unit : mm

User guide for product box and label

※ The upper sticker is the approval code; In clinic, refer to the blue sticker on the side.



Zero-contact packaging prevents contamination



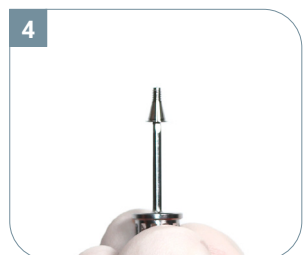
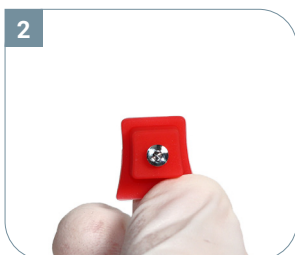
1 Hold the bottom part by hand and press the bump.



3 Check if the MagiCore Ratchet Driver is connected appropriately by slightly turning it. Then remove the fixture by applying gentle force through the open gap.



Closing screw



- It must be done in sterilized area.
- Turn it counterclockwise with a 1.2 Hex Driver to remove.
- Check if it is connected appropriately with the driver, and deliver it intraorally.

Prosthetic Components

Closing Screw & Healing Cap

20

Closing Screw
Healing Cap

Impression Copings

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MagiCore Impression Coping (Transfer Type)
MagiCore Impression Coping (Pick-up Type)
Plastic Coping

Lab Analog

23

MagiCore Lab Analog

Abutments

23

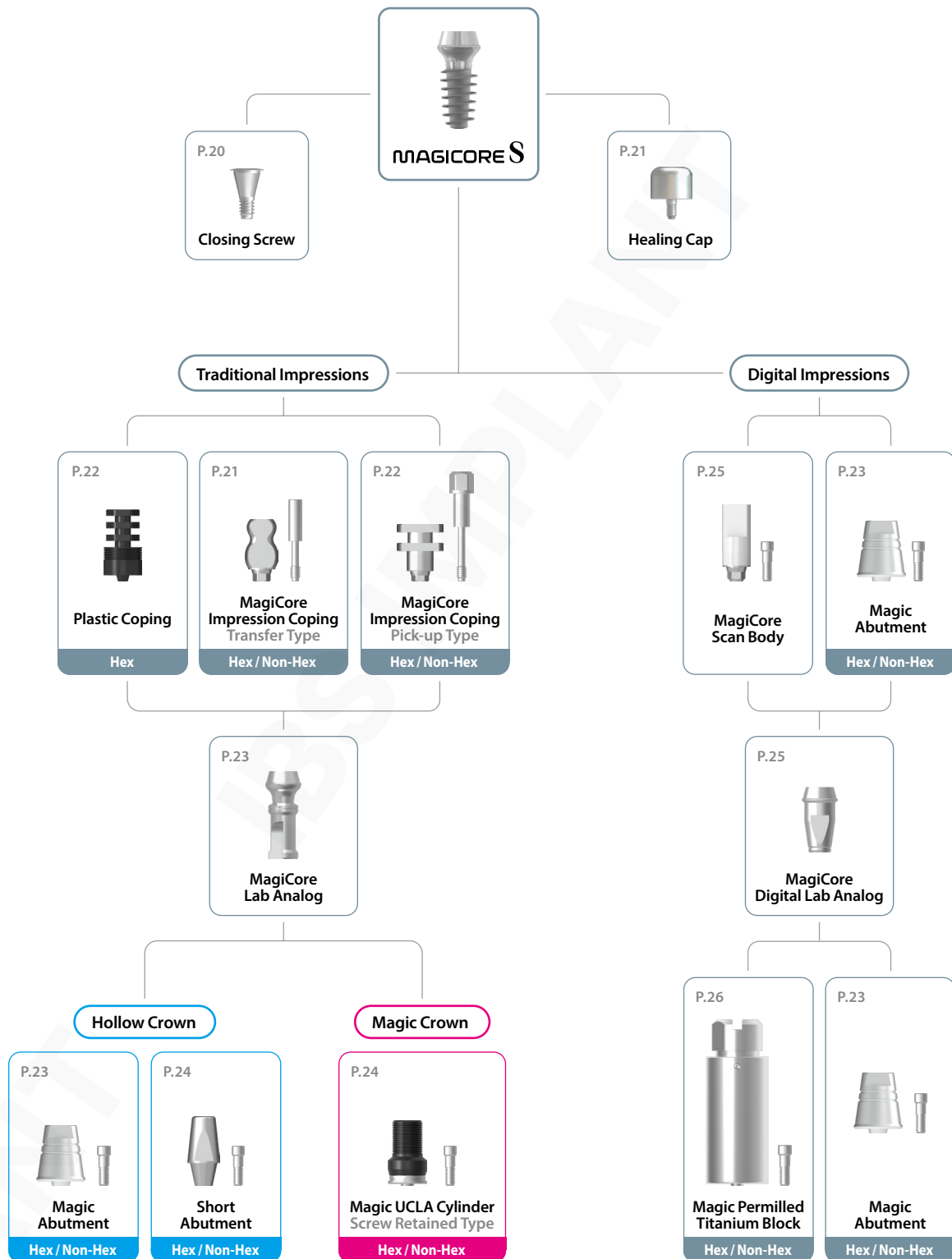
Magic Abutment
Short Abutment
Magic UCLA Cylinder (Screw Retained Type)

CAD / CAM

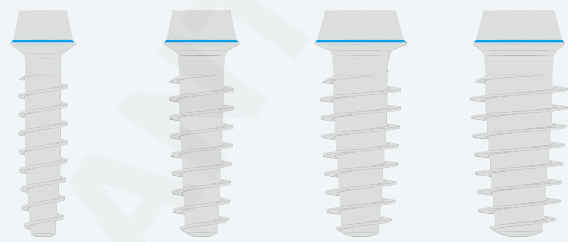
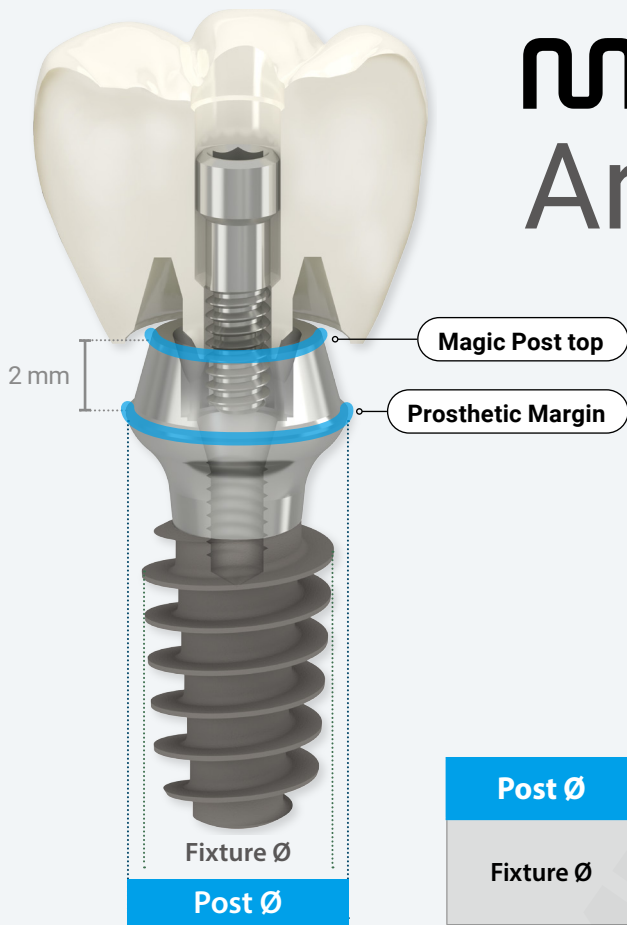
25

MagiCore Scan Body
MagiCore Digital Lab Analog
Magic Premilled Titanium Block

Prosthetic flow of MAGICORE S



MAGICORE S Architecture



Post Ø	4.0	4.5	5.5	
Fixture Ø	3.0 3.5	4.0 4.5	5.0 5.5	6.0 6.5

Closing Screw & Healing Cap

Closing Screw



Magic Post Top

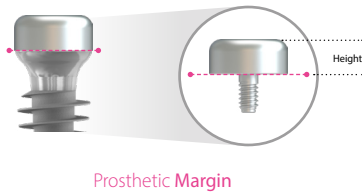


Magic Post	Ø4.0	Ø4.5 / Ø5.5
Code	HISCS	HISC07

* Scale: 200%

- Posterior molar region when prosthetic margin is above gingival margin.
- Low occlusal clearance.
- Anterior aesthetic region when maximum soft tissue growth is desired.

Healing Cap

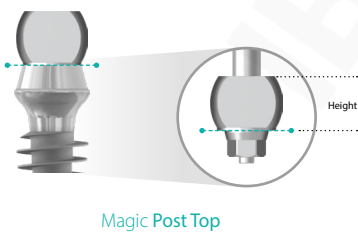


Magic Post	Ø4.0	Ø4.5	Ø5.5
Height	2mm / 4mm		
Code	MP CAP4.0S MP CAP4.0L	MP CAP4.5S MP CAP4.5L	MP CAP5.5S MP CAP5.5L

* Scale: 150%

Impression Copings

MagiCore Impression Coping (Transfer Type)



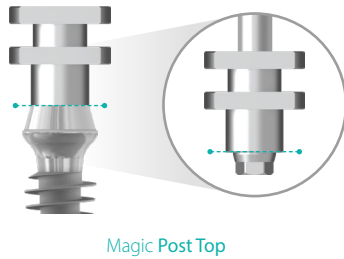
Magic Post	Ø4.0	Ø4.5	Ø5.5
Height	4mm / 8mm		
Code	MTICH40 MTICH40L	MTICH45 MTICH45L	MTICH55 MTICH55L

* Scale: 150%

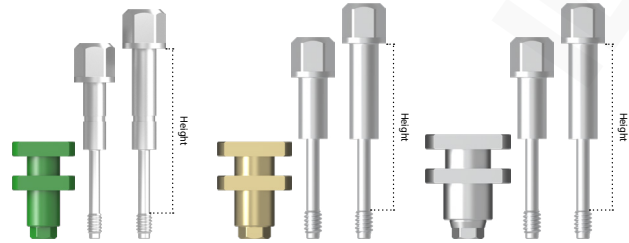
Screw code : Ø4.0 MTICGP40 / MTICGPL40 | Ø4.5 / Ø5.5 MTICGP / MTICGPL

- Used with closed tray.
- If gingiva is covering the prosthetic margin, a Healing Cap must be used to retract the gingiva before taking an impression.

MagiCore Impression Coping (Pick-up Type)



Magic Post Top

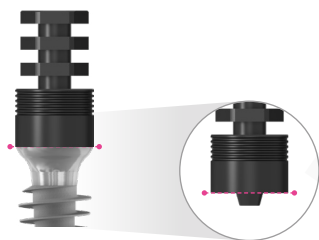


Magic Post	Ø4.0	Ø4.5	Ø5.5
Height	12 mm / 15 mm		
Code	MPICH40 MPICH40L	MPICH45 MPICH45L	MPICH55 MPICH55L

* Scale: 150%
Screw code: Ø 4.0 MPPD40 / MPPDL40 | Ø 4.5 / Ø 5.5 MPPD / MPPDL

- Used with open tray.
- If gingiva is covering the prosthetic margin, a Healing Cap must be used to retract the gingiva before taking an impression.
- Withdraw angle must be within 25°; greater degrees should use plastic coping.

Plastic Coping



Prosthetic Margin



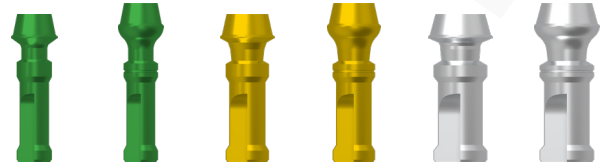
Magic Post	Ø4.0	Ø4.5	Ø5.5
Code	MFPC40	MFPC45	MFPC55

* Scale: 150%

- Used with closed tray.
- If gingiva is covering the prosthetic margin, a Healing Cap must be used to retract the gingiva before taking an impression.

Lab Analog

MagiCore Lab Analog



Magic Post	Ø4.0		Ø4.5		Ø5.5	
Magic Cuff (Cuff)	2 (1)	3 (2)	2 (1)	3 (2)	2 (1)	3 (2)
Code	MPL401	MPL402	MPL451	MPL452	MPL551	MPL552

* Scale: 150%

- It includes Magic Post part of MagiCore.
- Used when making a model.

Abutments

Magic Abutment



Prosthetic Margin

Type



Hex

Non-Hex



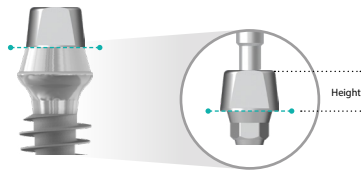
Magic Post	Ø4.0	Ø4.5	Ø5.5
Type	Hex		
Height	4 mm / 5mm / 6 mm / 7mm / 8mm		
Code	SMAH4002AS SMAH4003AS SMAH4004AS SMAH4005AS SMAH4006AS	SMAH4502AS SMAH4503AS SMAH4504AS SMAH4505AS SMAH4506AS	SMAH5502AS SMAH5503AS SMAH5504AS SMAH5505AS SMAH5506AS
Magic Post	Ø4.0	Ø4.5	Ø5.5
Type	Non-Hex		
Height	4 mm / 5mm / 6 mm / 7mm / 8mm		
Code	SMAN4002AS SMAN4003AS SMAN4004AS SMAN4005AS SMAN4006AS	SMAN4502AS SMAN4503AS SMAN4504AS SMAN4505AS SMAN4506AS	SMAN5502AS SMAN5503AS SMAN5504AS SMAN5505AS SMAN5506AS

* Scale: 200%

Screw code: Ø4.0 MPCSN | Ø4.5 / Ø5.5 MPCSN

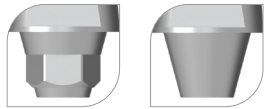
- It can be connected to MagiCore intraorally and be scanned to fabricate zirconia crown, or regular crown can be fabricated through casting.
- Library available in 3shape and exocad.

Short Abutment



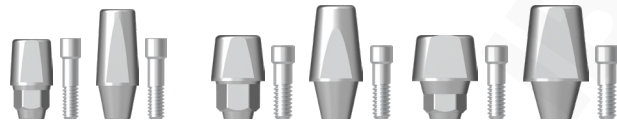
Magic Post Top

Type



Hex

Non-Hex

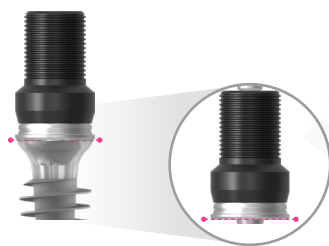


Magic Post	Ø4.0	Ø4.5	Ø5.5
Type	Hex		
Height	3 mm / 5 mm		
Code	MMAH4003 MMAH4005	MMAH4503 MMAH4505	MMAH5503 MMAH5505
Type	Non-Hex		
Code	MMAN4003 MMAN4005	MMAN4503 MMAN4505	MMAN5503 MMAN5505

* Scale: ShortAbutment_200% / Screw_150%
Screw code : Ø4.0 MPCSN | Ø4.5 / Ø5.5 MPSC

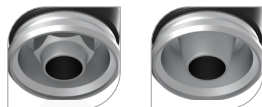
- Two-piece type abutment.
- Library available in 3shape and exocad.

Magic UCLA Cylinder (Screw Retained Type)



Prosthetic Margin

Type



Hex

Non-Hex



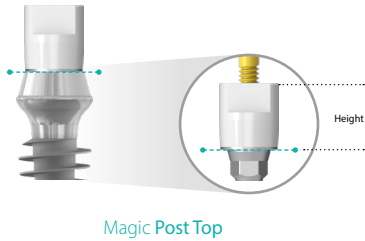
Magic Post	Ø4.0	Ø4.5	Ø5.5
Type	Hex / Non-Hex		
Code	MPSR40ST MPSR40BT	MPSR45ST MPSR45BT	MPSR55ST MPSR55BT

* Scale: 150%
Screw code : Ø4.0 MPCSN | Ø4.5 / Ø5.5 MPSC

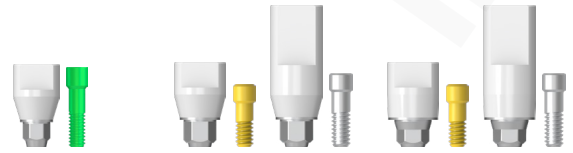
- Ø4.0 is tightened to 15 Ncm using the 1.2 Hex Driver.
- Ø4.5 and Ø5.5 are tightened to 20 Ncm using the 1.2 Hex Driver.
- This is a casting abutment, which can fabricate Magic Crown or Magic casting abutment.
- If Magic casting abutment is fabricated, both casting crowns (PFM, Gold) and zirconia crown can be fabricated through scanning the working cast (model).

CAD / CAM Components

MagiCore Scan Body



Magi Post Top



Magic Post	Ø4.0	Ø4.5	Ø5.5
Height	5 mm	5 mm / 10 mm	
Code	MSB40M	MSB45M MSB45	MSB55M MSB55

* Scale: 150%
Screw code: Ø4.0 MSCSN | Ø4.5 / Ø5.5 MSCS, MPCS

- Intraoral scanable.
- Used for intraoral scanning.

MagiCore Digital Lab Analog

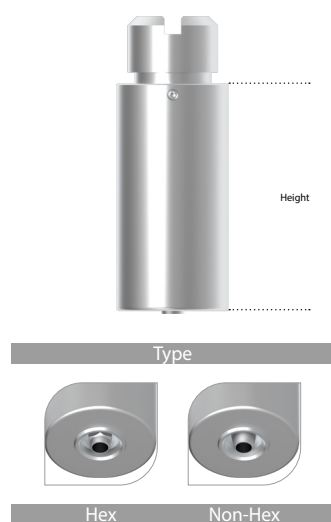


Magic Post	Ø4.0	Ø4.5	Ø5.5
Code	MDLA40	MDLA45	MDLA55

* Scale: 150%

- Intraoral scanable.
- Replica of MagiCore inner connection shape in 3D printed working models.

Magic Premilled Titanium Block



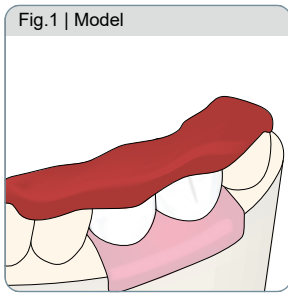
Magic Post	Ø 4.5	Ø 5.5
Type	Hex	
Compatible with	A (ARUM)	
Height	20 mm / 19.5 mm	
Code	MC45H1020A	MC55H1020A
Type	Non-Hex	
Code	MC45N1020A	MC55N1020A

* Scale: 150%
Screw code : Ø 4.5 / Ø 5.5 MPC5

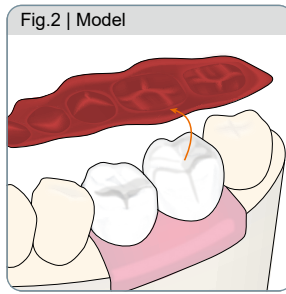
- Used for fabrication of customized abutment with CAD/CAM.
- A/D type can be selected according to compatible CAM equipment.
- Library available in 3shape and exocad.

Checking Errors of Prostheses

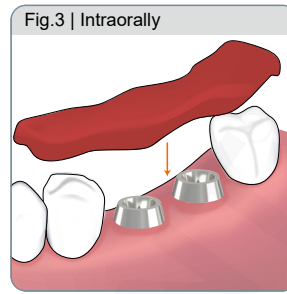
1st Step Check for errors of model fabrication



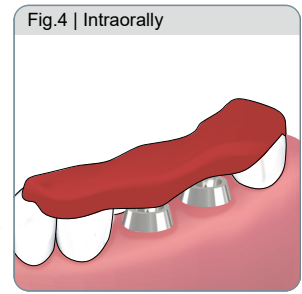
Receive model with implant jig.



Remove jig from model.

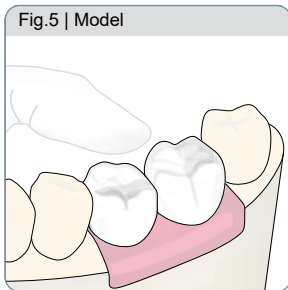


Place removed jig intraorally.

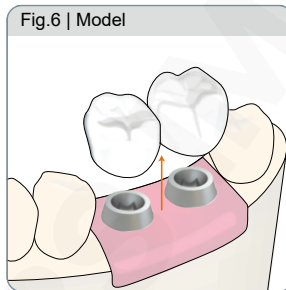


If there's an error, jig does not fit correctly. (In such cases, re-take an impression or request for refabrication of prostheses).

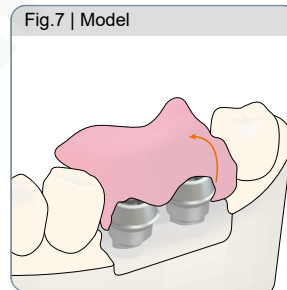
2nd Step Check crown margin on model



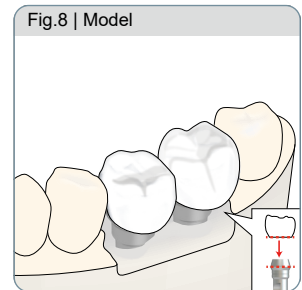
Press down the crown to make sure it does not bounce back.



Remove crown from model.

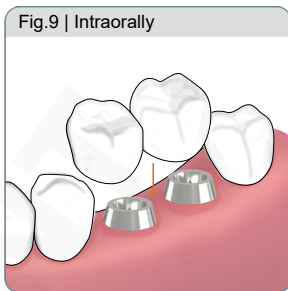


Lift soft tissue material.

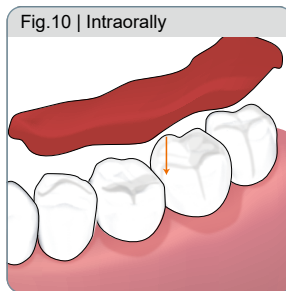


Reconnect the crown to check if the crown margin and the margin of the Lab Analog sit correctly.

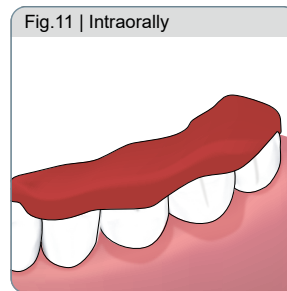
3rd Step Checking crown intraorally



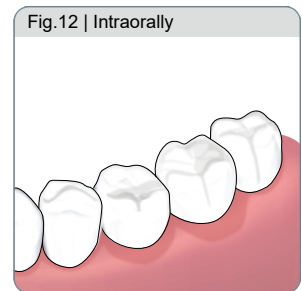
Remove crown from model and place it intraorally.



Place the jig from Fig.4 intraorally again.



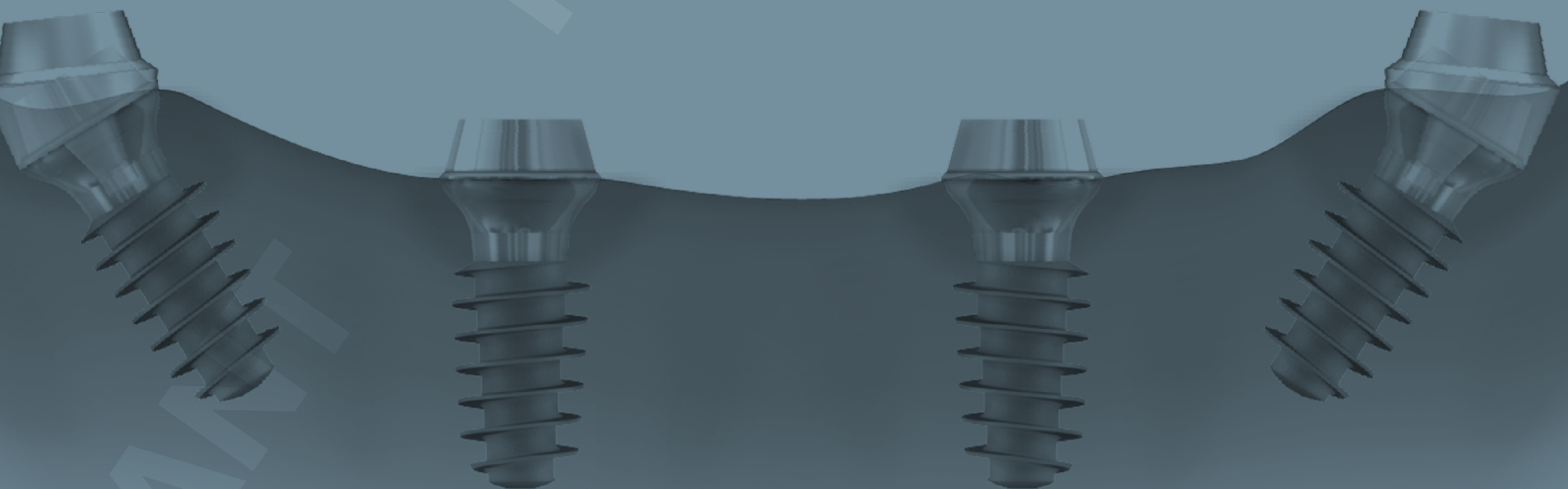
Check if jig sits correctly. (If not, request for crown refabrication.)



Completed setting.

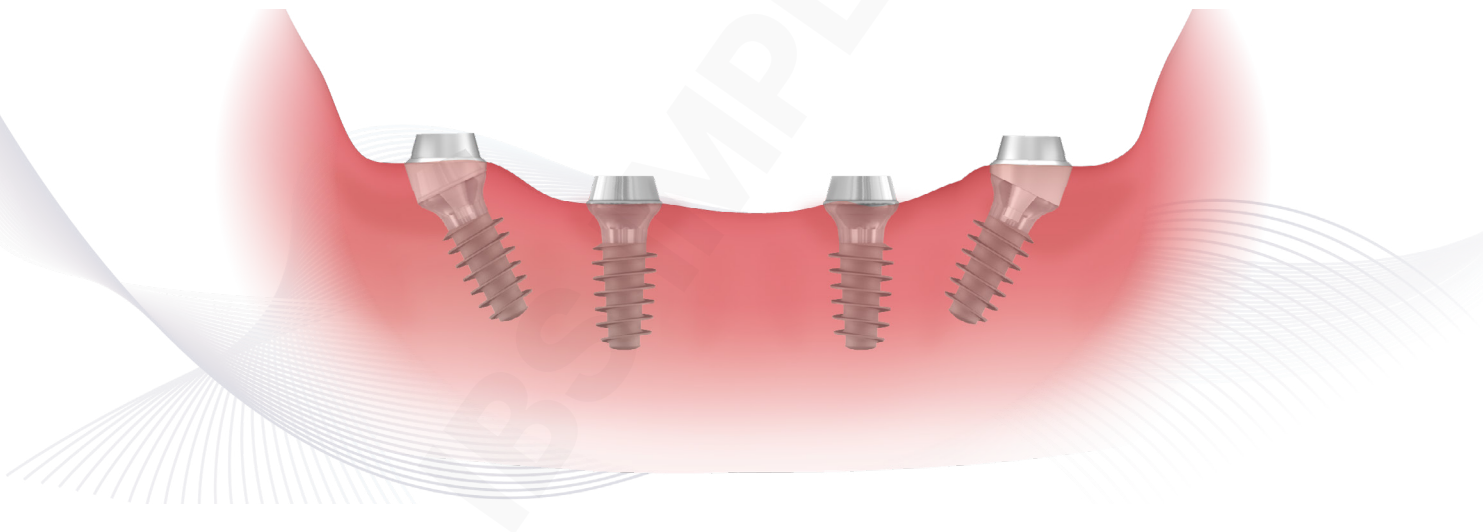
AMII All-on-X System

Magic Multiunit Abutment
Magic Multiunit Abutment Carrier
Magic Multiunit Digital Cap
Magic Multiunit Abutment Impression Coping (Transfer Type)
Magic Multiunit Abutment Impression Coping (Pick-up Type)
Magic Multiunit Abutment Lab Analog
Magic Multiunit Cylinder
Magic Multiunit UCLA Cylinder
Magic Cylinder
MagiCore Multiunit Abutment Digital Lab Analog



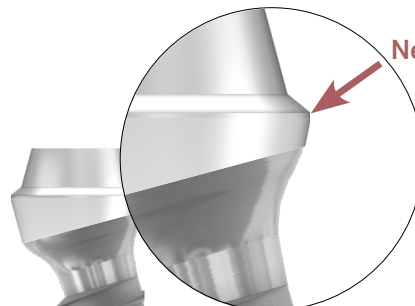
Rehabilitation of edentulous arch with
only 4 Implants.

AMII All-on-X System



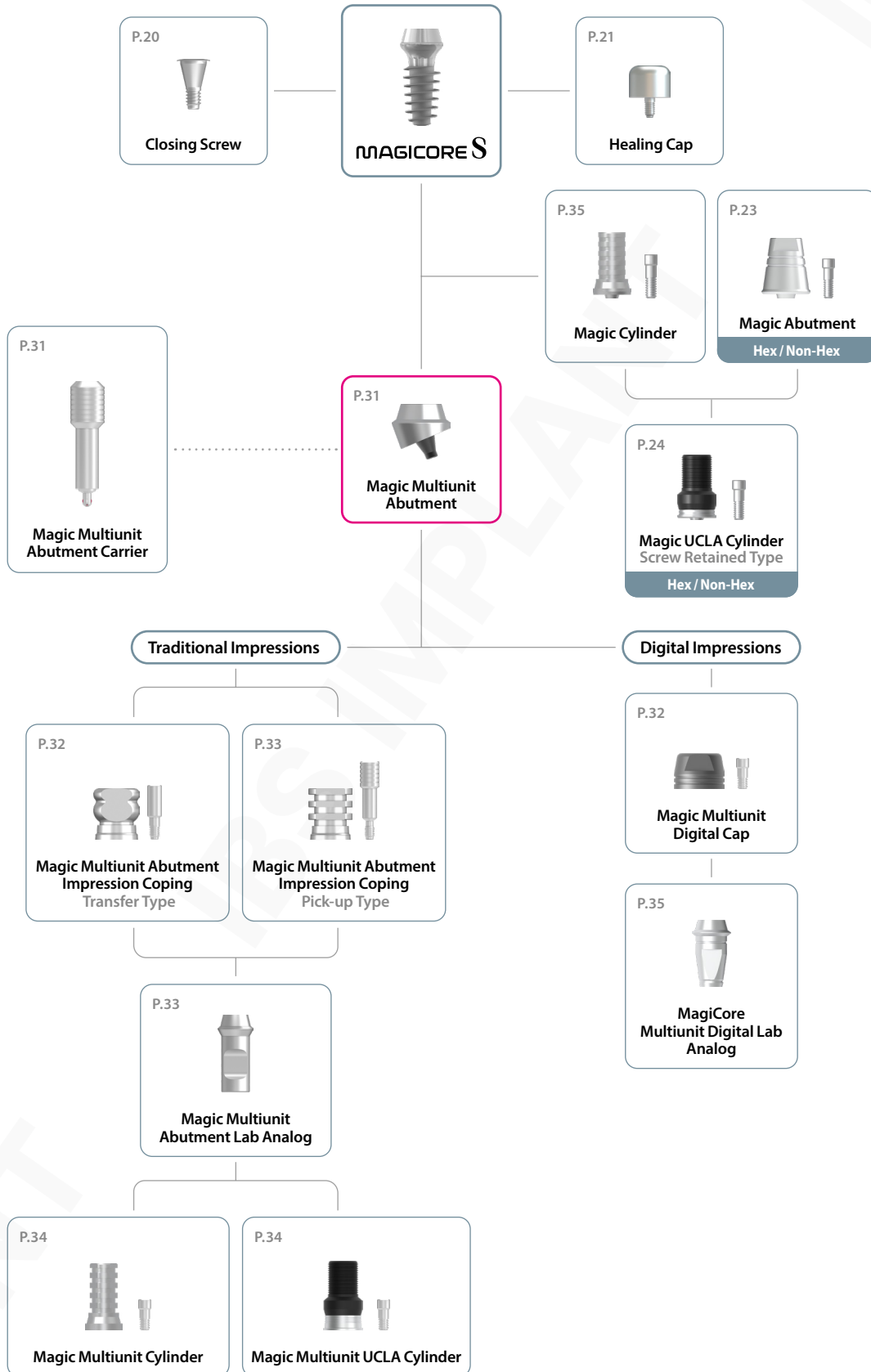
Magic Multiunit Abutment

- Rest it on top of the fixture when angulation is needed.
- 5° / 10° / 15° / 20° / 25° are available.

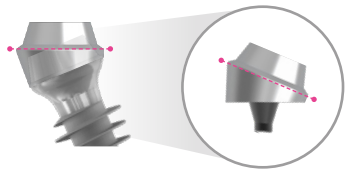


New Prosthetic Margin

AMII All-on-X System



Magic Multiunit Abutment



Magic Multiunit Abutment Prosthetic Margin



Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Angle	5° / 10° / 15° / 20° / 25°	
Blasting Code	MACNB45105 MACNB45110 MACNB45115 MACNB45120 MACNB45125	MACNB55105 MACNB55110 MACNB55115 MACNB55120 MACNB55125

* Scale: 150%
 Custom Order: 5°, 10°, 20°

Note that new prosthetic margin is provided.

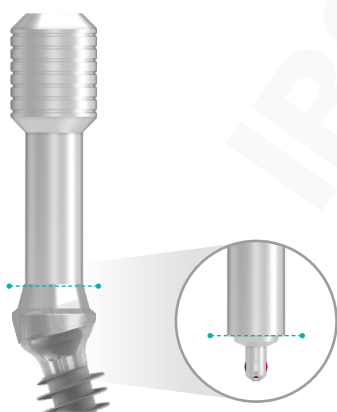
Indication:

- All-on-X fabrication.
- Cases requiring path modification (5°/ 10°/ 15°/ 20°/ 25° available).

Multiunit Abutment Cement:

- 3M: Resin Modified Glass Ionomer Cement.
- GC: Radiopaque Reinforced Glass Ionomer Luting Cement.

Magic Multiunit Abutment Carrier



Magic Multiunit Abutment Top

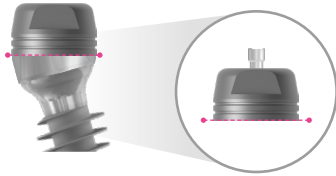


Code	MMAC
------	-------------


* Scale: 150%

- Use it to move the Magic Multiunit Abutment.
- Engage the Magic Multiunit Abutment Carrier with the groove on the top to the Magic Multiunit Abutment.
- Used for parallel alignment of Magic Multiunit Abutment angles.
- Hold the Magic Multiunit Abutment with one hand and turn the Magic Multiunit Abutment Carrier counterclockwise to remove it.

Magic Multiunit Digital Cap



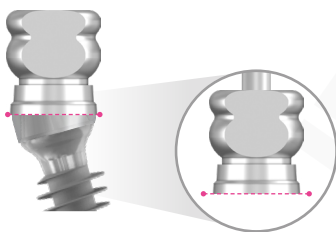
Magic Multiunit Abutment
Prosthetic Margin

		
Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Blasting Code	MAHCB45	MAHCB55



* Scale: Magic Multiunit Digital Cap_200% / Screw_150%
Screw code : ATCS

- Compatible with Magic Multiunit Abutment only.
- It is a scannable healing cap.
- Abutment for fabricating a digital All-on-X fixed prosthesis.
- If a Magic Multiunit Abutment is not used, connect a Magic Abutment for the same purpose.

Magic Multiunit Abutment Impression Coping (Transfer Type)



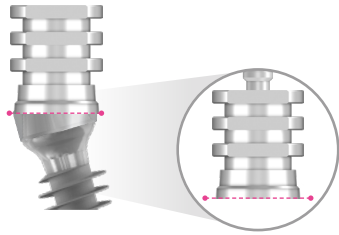
Magic Multiunit Abutment
Prosthetic Margin

		
Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Code	MATICN45	MATICN55

* Scale: 150%
Screw code : MATICGP

- Compatible with Magic Multiunit Abutment only.
- Used with closed tray.
- Tighten to 5 - 10 Ncm.
- Non-Hex Type

Magic Multiunit Abutment Impression Coping (Pick-up Type)



Magic Multiunit Abutment
Prosthetic Margin



Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Code	MAPICN45	MAPICN55

* Scale: 150%
Screw code : MAPICGP

- Compatible with Magic Multiunit Abutment only.
- Used with open tray.
- Tighten to 5 - 10 Ncm.
- Non-Hex Type.

Magic Multiunit Abutment Lab Analog



Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Code	MALA45	MALA55

* Scale: 150%

- Replica of the Magic Multiunit Abutment post.

※Difference between Magic Multiunit Abutment Lab Analog & MagiCore Lab Analog

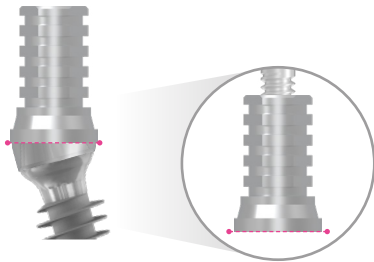


Magic Multiunit Abutment Lab Analog



MagiCore Lab Analog

Magic Multiunit Cylinder Custom Order



Magic Multiunit Abutment
Prosthetic Margin

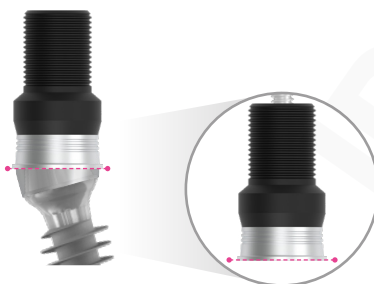


Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Type	Non-Hex	
Code	MATCN45	MATCN55

* Scale: 150%
Screw code : ATCS

- Compatible with Magic Multiunit Abutment only.
- Temporary abutment for fabricating a temporary All-on-X fixed prosthesis.

Magic Multiunit UCLA Cylinder Custom Order



Magic Multiunit Abutment
Prosthetic Margin



Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Code	MMUC45	MMUC55

* Scale: 150%
Screw code : ATCS

- Compatible with Magic Multiunit Abutment only.
- Abutment for fabricating a traditional cast All-on-X fixed prosthesis.

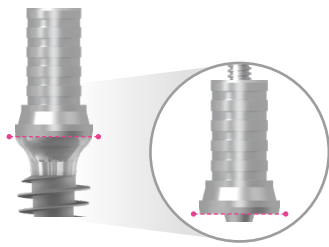
Difference between Magic Multiunit UCLA Cylinder & Magic UCLA Screw Retained Type



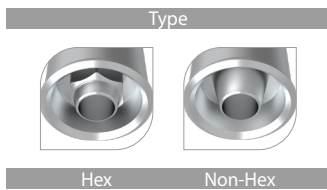
Magic Multiunit UCLA Cylinder

Magic UCLA Screw Retained Type

Magic Cylinder Custom Order



Prosthetic Margin



Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Type	Hex / Non-Hex	
Code	MTCH45 / MTCN45	MTCH55 / MTCN55

* Scale: 150%
Screw code : MPC5

- Compatible with MagiCore fixture only.
- MagiCore temporary abutment.

MagiCore Multiunit Abutment Digital Lab Analog



Fixture	Ø4.0 / 4.5	Ø5.0 / 5.5
Code	MMDLA45	MMDLA55

* Scale: 150%

- Replica of the Magic Multiunit Abutment post.



Magic Multiunit Abutment Digital Lab Analog



MagiCore Digital Lab Analog

Surgical Kit Components

MagiCore KIT

37

GPS Drill
 Magic Guide Pin
 Magic Split
 Guide Drill
 Magic Expander
 Magic Drill
 Magic Half Drill
 Magic Depth Drill
 Drill Extension
 Tap Guide
 Magic Tap Drill
 Magic Sinus Lifter
 Sinus Drill
 Bone Pusher
 1.2 Hex Driver
 Machined 1.2 Hex Driver
 MagiCore Ratchet Driver
 MagiCore Machined Driver
 Torque Wrench
 Spoon Excavator
 Bone Remover
 Angled Hand Lever
 Magic Tapper

Magic Narrow KIT

50

GPS Drill
 Magic Guide Pin
 Magic Drill
 Magic Depth Drill
 Tap Guide
 Magic Tap Drill
 Drill Extension
 1.2 Hex Driver
 MagiCore Ratchet Driver
 MagiCore Machined Driver
 Torque Wrench
 Bone Remover
 Spoon Excavator

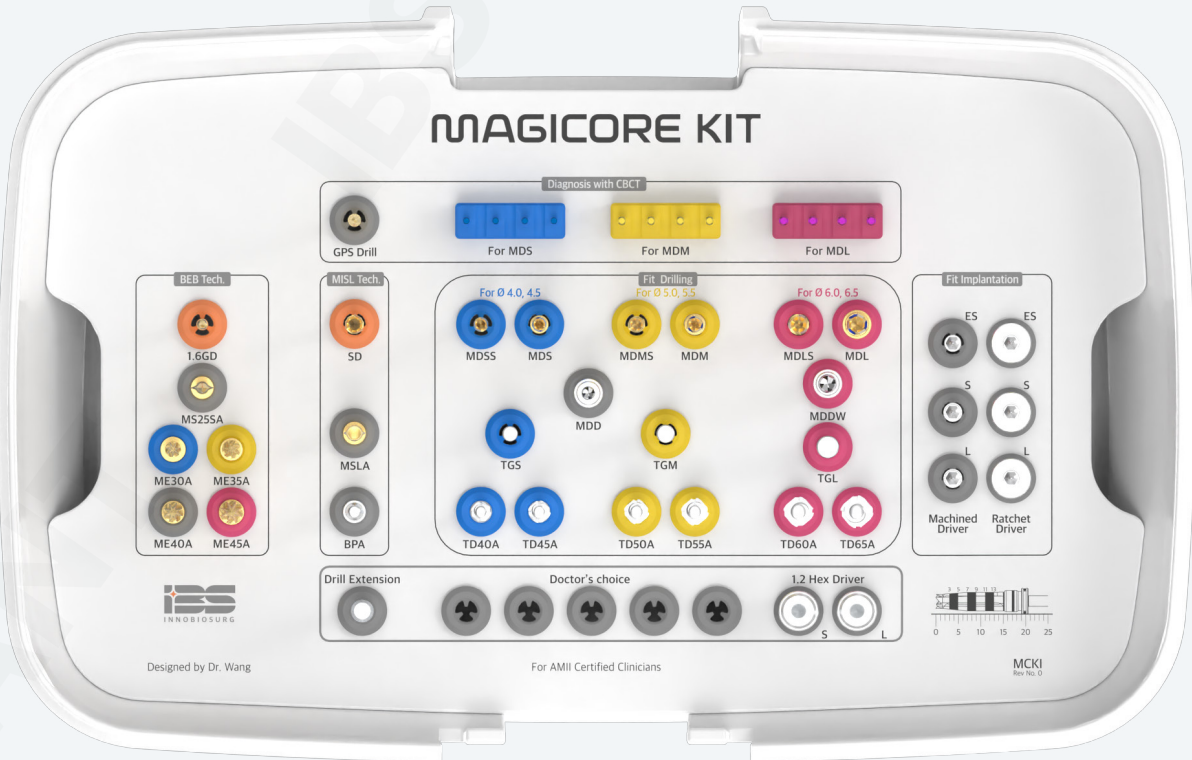
AMII GPS Digital KIT

58

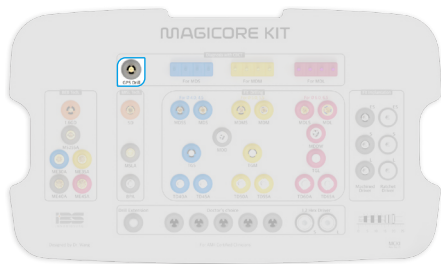
GPS Drill
 Magic Guide Pin
 Magic Ruler

For the Minimally Invasive Implant Surgery
MAGICORE KIT

CODE MCKI



GPS Drill

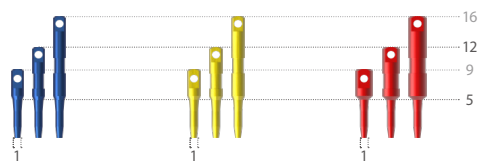
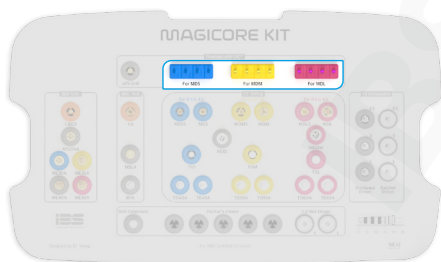


Code	GDL
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Unit: mm

- Used as initial drill for Magic Guide Pin installation.
- **Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm**

Magic Guide Pin

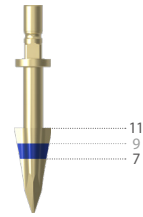
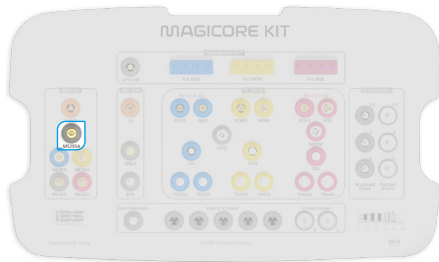


Code	P33(S/L/EL)	P38(S/L/EL)	P48(S/L/EL)
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Unit: mm

- Used to check location and direction of implant placement by inserting it into a hole made with a GPS Drill.
- Used to make an accurate osteotomy by using as an internal guide for the Magic Drill.
- Used as landmark for CBCT.

Magic Split

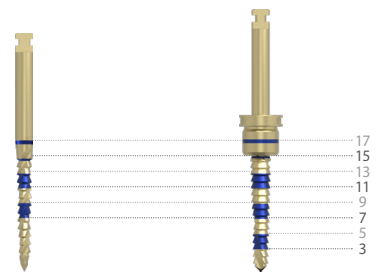


Code	MS25SA
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Unit: mm

- Connects to Angled Hand Lever for tapping.
- Used in implant surgery to determine bone quality.
- Used to form the initial hole for Magic Expander to enter during B.E.B. Expansion.

Guide Drill



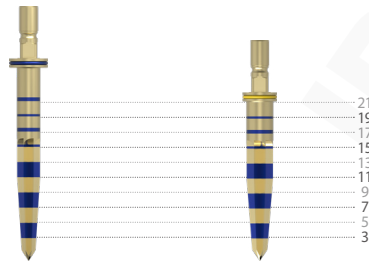
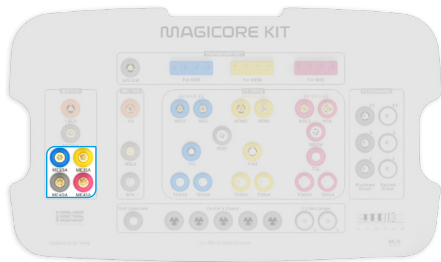
Code	1.6GD	2.8GD
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Unit: mm

Optional

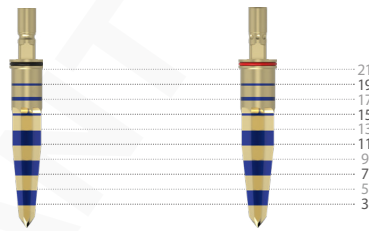
- Used before using Magic Expander when applying B.E.B. technique.
- Used in hard cortical bone when Magic Split does not enter easily.
- 2.8 Guide Drill(2.8GD) is sold separately.

Magic Expander



Code	ME30A	ME35A
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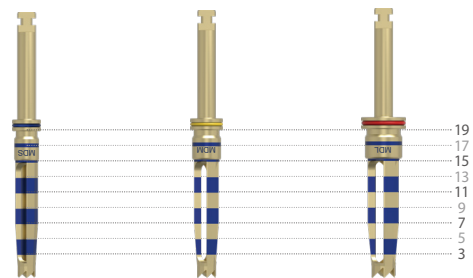
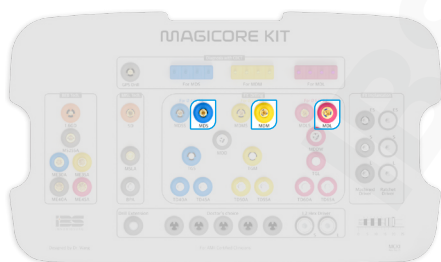
- Connects to Angled Hand Lever for gentle tapping with Magic Tapper.
- Main tools used for B.E.B. technique.
- Patented star shape design which reduces condensation forces and minimizes load to bone.



Code	ME40A	ME45A
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Unit: mm

Magic Drill

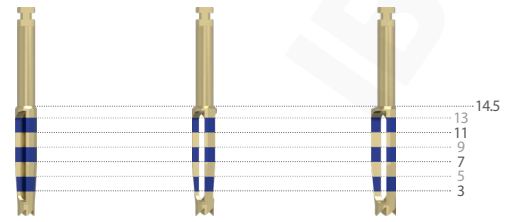
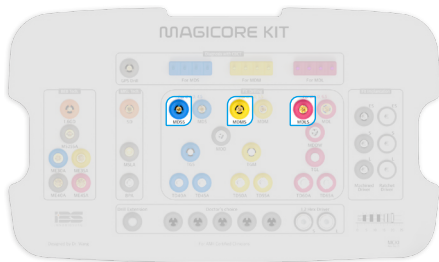


For fixture (D)	Ø4.0/4.5	Ø5.0/5.5	Ø6.0/6.5
Code	MDS	MDM	MDL

Unit: mm

- Used to form osteotomy for MagiCore.
- The hollow design allows autogenous bone harvesting.
- Forming a precise circular osteotomy with just one-step drilling.
- A conventional twist drill can slide toward a relatively weak bone with a crushing concept, but slipping or over-drilling is not occurring with Magic Drill
- **Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm**

Magic Half Drill

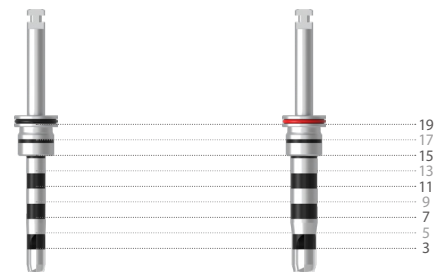
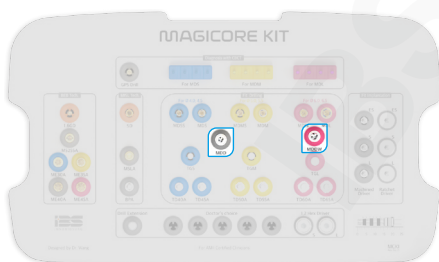


For fixture (D)	Ø4.0/4.5	Ø5.0/5.5	Ø6.0/6.5
Code	MDSS	MDMS	MDLS

Unit: mm

- Suitable for 1st drilling for patients with trismus.
- Drill used to form osteotomy for MagiCore.
- When used with Magic Drill, place the Magic Drill exactly in the hole made by Magic Half Drill.

Magic Depth Drill

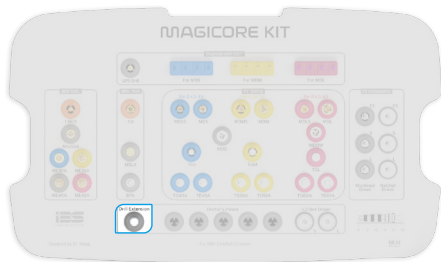


Code	MDD	MDDW
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Unit: mm

- Used for removing remaining bone core and confirming the final depth of osteotomy.
- Blades only exist at the tip of the drill.
- Used to check the bone quality of the bottom of the osteotomy.
- **Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm**

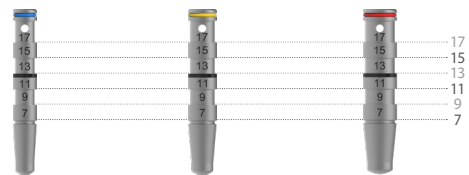
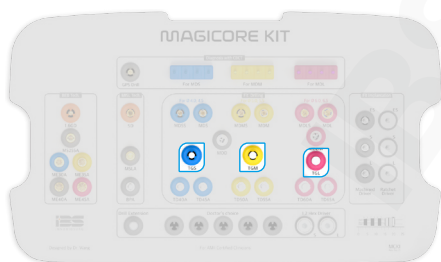
Drill Extension



Code	DE
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- Used to extend the length of the drill.

Tap Guide

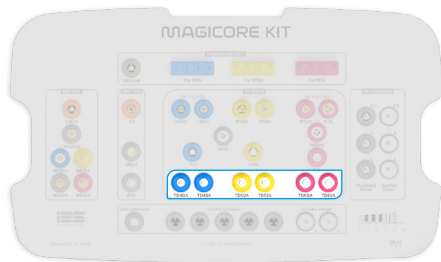


Magic Drill	MDS	MDM	MDL
Code	TGS	TGM	TGL

- Used to check the direction and the depth of osteotomy.

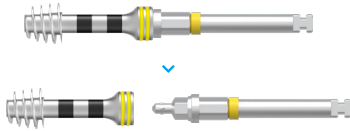
Unit: mm

Magic Tap Drill

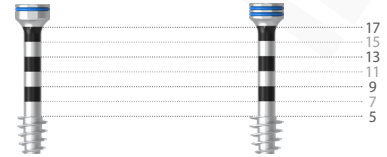


- Used for thread preparation before MagiCore placement.
- Recommended extra short size machined driver for patients with trismus.
- **Recommended lifetime of use : 50 uses**
- **Recommended speed when checking bone quality : 20rpm, Recommended torque : 40Ncm**

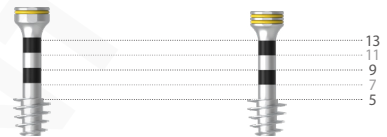
Connect to MagiCore Machined Driver



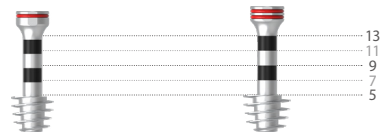
MagiCore Ratchet Driver



For fixture (D)	Ø4.0	Ø4.5
Code	TD40A	TD45A



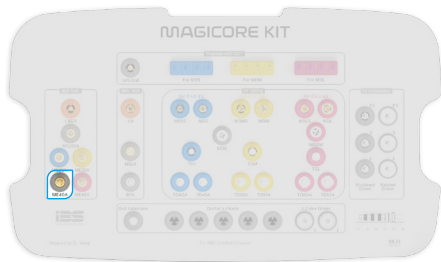
For fixture (D)	Ø5.0	Ø5.5
Code	TD50A	TD55A



For fixture (D)	Ø6.0	Ø6.5
Code	TD60A	TD65A

Unit: mm

Magic Sinus Lifter

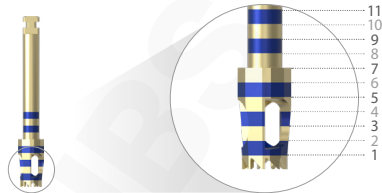


Code	MSLA
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Unit: mm

- Connects to Angled Hand Lever for tapping.
- Used as a main instrument to perform C.M.C. technique.
- **Recommended lifetime of use : 30 uses**

Sinus Drill

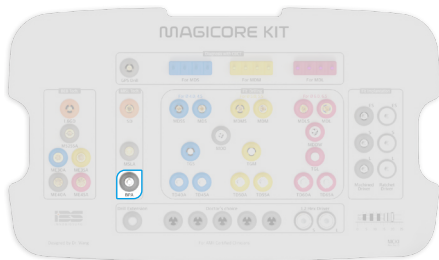


Code	SD
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Unit: mm

- Used only prior to the Magic Sinus Lifter to leave 2 mm of the residual bone under the maxillary sinus.
- More precise drilling is possible due to the additional cutting blades.

Bone Pusher

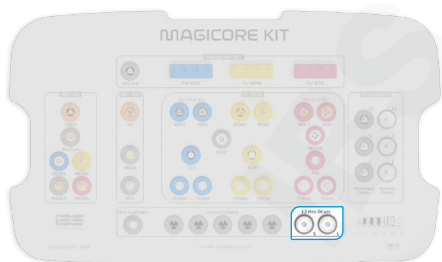


Code	BPA
------	------------

Unit: mm

- Connects to Angled Hand Lever for tapping.
- Used to distribute bone grafting material evenly into the lifted sinus area.

1.2 Hex Driver



Code	HD1.2S	HD1.2L
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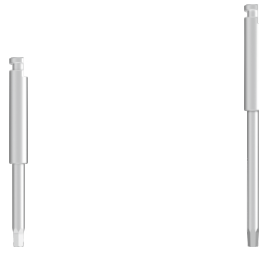
- Used to tighten the Closing Screw and Abutment Screw.
- Can be connected with Torque Wrench.
- **Tighten Abutment Screw with recommended torque (Narrow : 15 Ncm / Standard : 20 Ncm).**



Code	HD1.2US	HD1.2EL
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Machined 1.2 Hex Driver

Optional



Height	Short	Long
Code	MHD1.2S	MHD1.2L

- Used to tighten the Closing Screw and Abutment Screw.
- Connects to Handpiece.

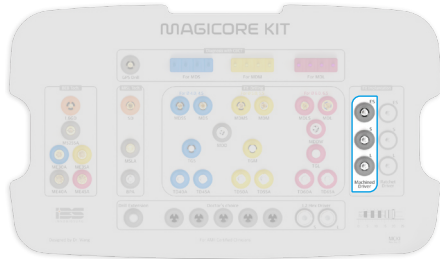
MagiCore Ratchet Driver



For fixture (D)	Ø4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5		
Height	Extra Short	Short	Long
Code	MRMDES	MRMDS	MRMDL

- Used with hand or connected to Torque Wrench to place MgiCore fixture.
- Can be connected to both MagiCore and Magic Tap Drill.

MagiCore Machined Driver



- Can be connected to both MagiCore and Magic Tap Drill.



For fixture (D)	Ø4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5		
Height	Extra Short	Short	Long
Code	MHMDES	MHMDS	MHMDL

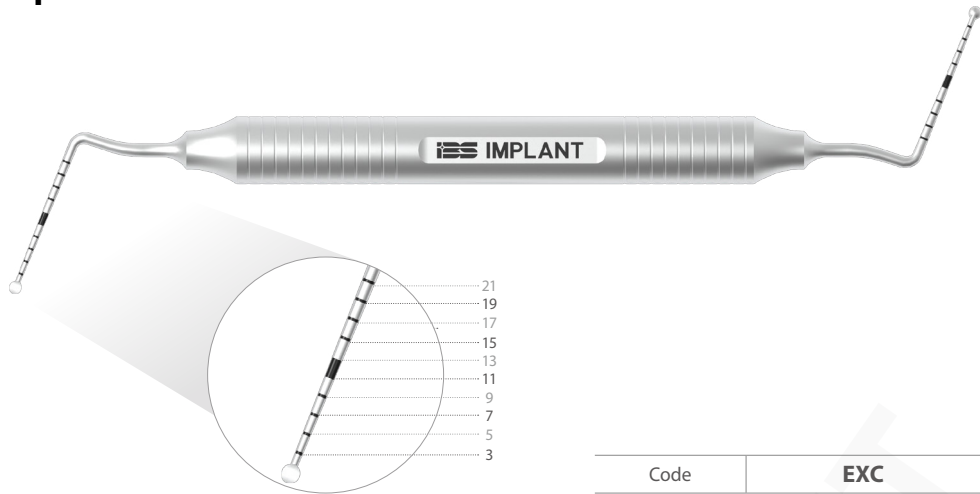
Torque Wrench



Code	TRW
------	------------

- Use the bar when torque is less than 55 Ncm.
- Push the body part when torque is more than 55 Ncm.

Spoon Excavator



Code	EXC
------	------------

Unit: mm

- Used to remove bone core from the osteotomy.
- Laser marked to confirm depth of osteotomy.
- Used to examine the walls of osteotomy at bone sounding.

Bone Remover

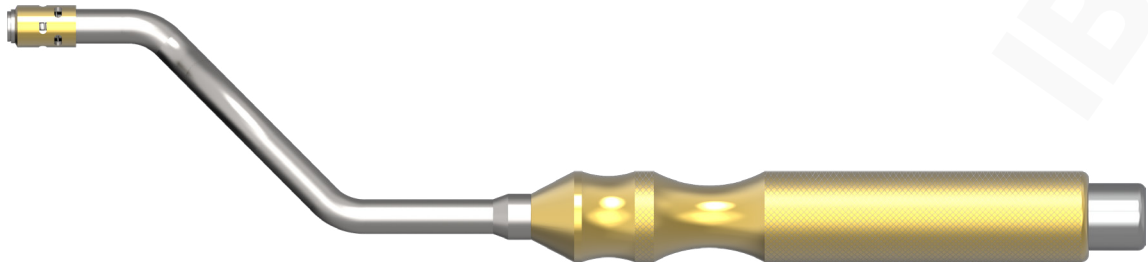


Code	BR
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Part code (Optional)	BRHT	BRDT
----------------------	-------------	-------------

- Used to remove bone core from drill or Magic Guide Pin from the Magic Drill.

Angled Hand Lever



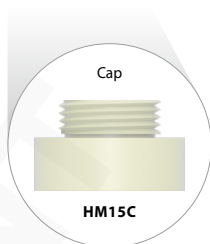
Code	HLAA
------	-------------

- Used as a handle connecting to tapping instruments, such as Magic Split, Magic Expander, Magic Sinus Lifter and Bone Pusher.

Magic Tapper Optional



Code	HM15
Part code (Optional)	HM15C



- A tapping instrument used with the Angled Hand Lever.
- **Recommended lifetime of use with sterilization : 200 uses**

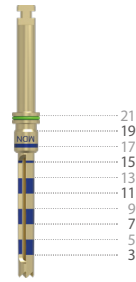
Tailored for Lasting Strength and Effortless Precision

Magic Narrow KIT

CODE **MNK**



Magic Drill

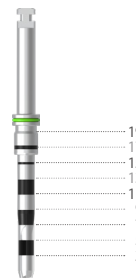


For fixture (D)	Ø 3.0/3.5
Code	MDN

Unit: mm

- Used to form an osteotomy for the MagiCore.
- The hollow design allows autogenous bone harvesting.
- Forming a precise circular osteotomy with just one-step drilling.
- A conventional twist drill can slide toward a relatively weak bone with a crushing concept, but slipping or over-drilling is not occurring with Magic Drill.
- **Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm**

Magic Depth Drill

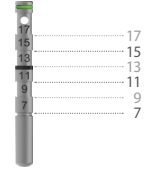


Code	MDDN
------	-------------

Unit: mm

- Used for removing remaining bone core and confirming the final depth of osteotomy.
- Blades only exist at the tip of the drill.
- Used to check the bone quality of the bottom of the osteotomy.
- **Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm**

Tap Guide

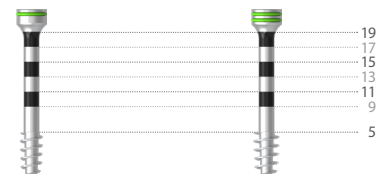


For fixture (D)	Ø 3.0/3.5
Code	TGN

Unit: mm

- Used to check the direction and the depth of osteotomy.

Magic Tap Drill



For fixture (D)	Ø 3.0	Ø 3.5
Code	TD30A	TD35A

Unit: mm

- Used for thread preparation before MagiCore placement.
- **Recommended lifetime of use : 50 uses**
- **Recommended speed when checking bone quality : 20rpm, Recommended torque : 40 Ncm**

Connect to MagiCore Machined Driver



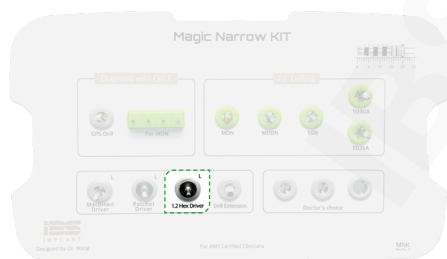
MagiCore Ratchet Driver

Drill Extension



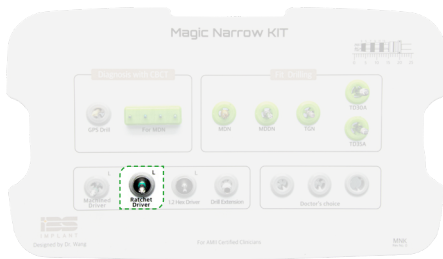
- Used to extend the length of the Drill.

1.2 Hex Driver



- Used to tighten the Closing Screw and Abutment Screw.
- Can be connected with Torque Wrench.
- Tighten Abutment Screw with recommended torque(Narrow: 15 Ncm, Standard: 25 Ncm).

MagiCore Ratchet Driver



- Used with hand or connected to Torque Wrench to place MagiCore fixture.
- Can be connected to both MagiCore and Magic Tap Drill.

For fixture (D)	Ø 3.0/3.5
Height	Long
Code	MRMDNL

MagiCore Machined Driver



- Can be connected to both MagiCore and Magic Tap Drill.

For fixture (D)	Ø 3.0/3.5
Height	Long
Code	MHMDNL

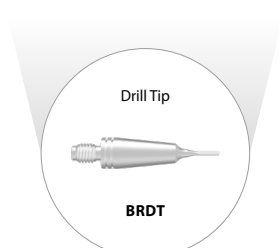
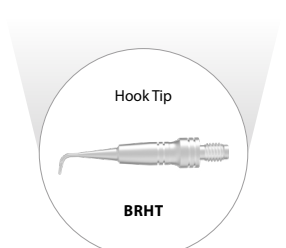
Torque Wrench



Code	TRW
------	------------

- Use the bar when torque is less than 55 Ncm.
- Push the body part when torque is more than 55 Ncm.

Bone Remover

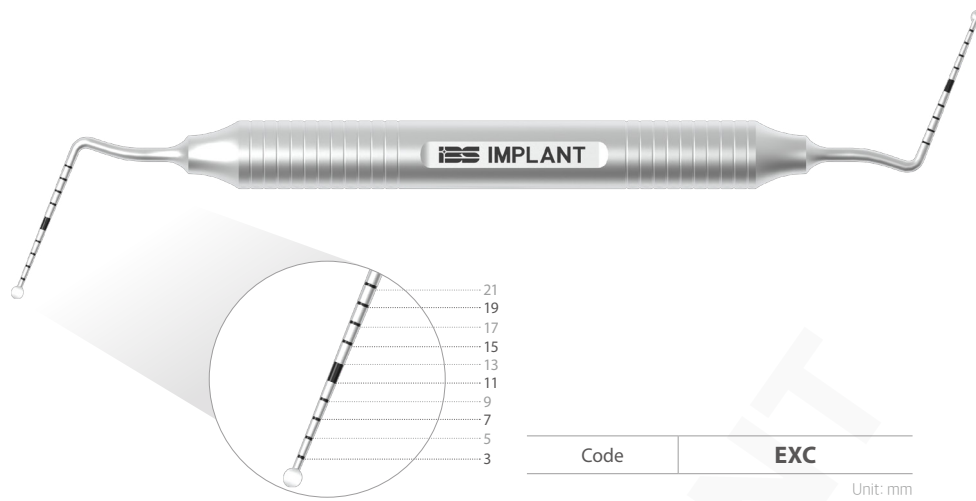


Code	BR
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Part code (Optional)	BRHT	BRDT
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- Used to remove bone core from drill or Magic Guide Pin from the Magic Drill.

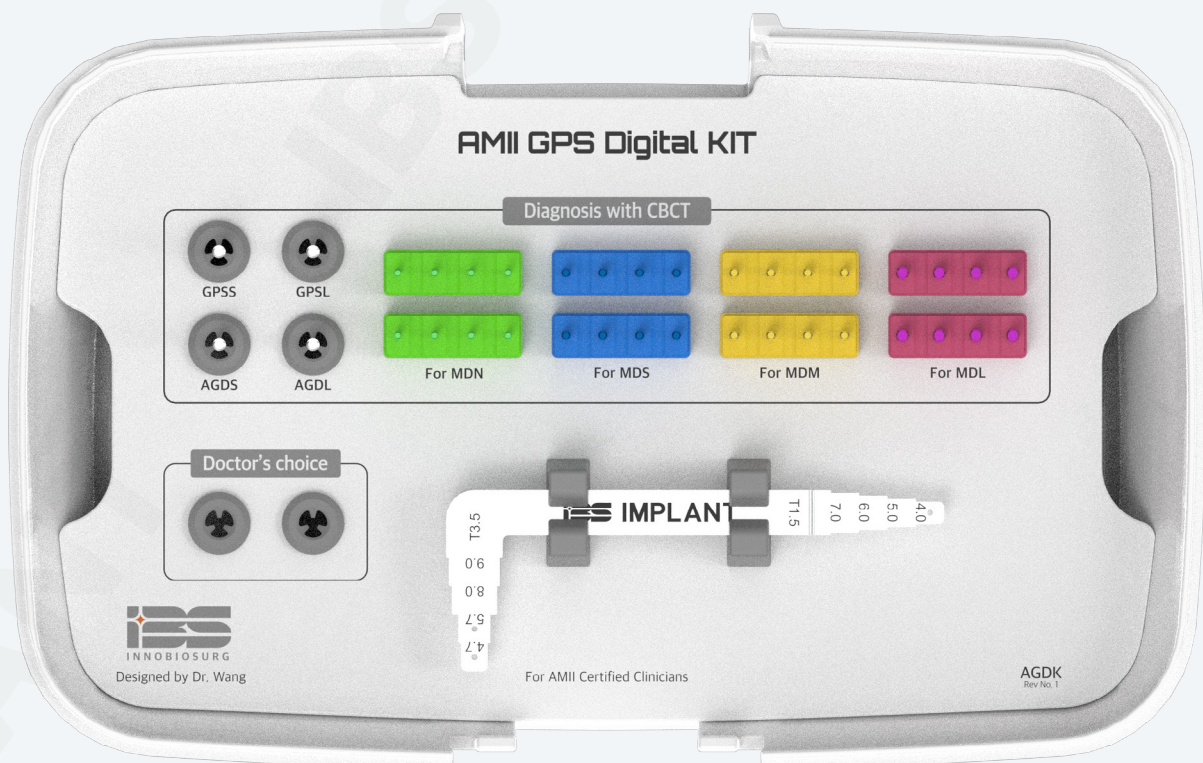
Spoon Excavator



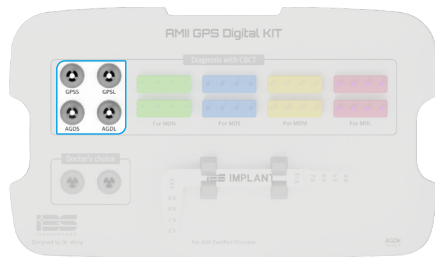
- Used to remove bone core from the osteotomy.
- Laser marked to confirm depth of osteotomy.
- Used to examine the walls of osteotomy at bone sounding.

AMII GPS Digital KIT

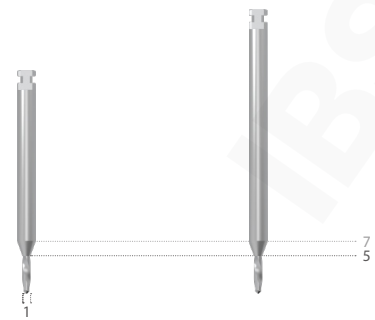
CODE AGDK



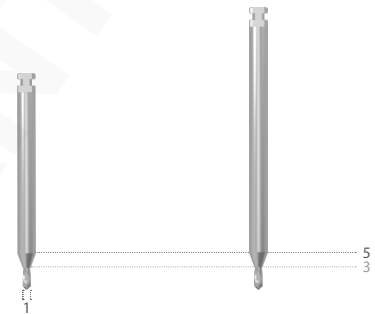
GPS Drill



- Used as an initial drill for Magic Guide Pin installation.
- **Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm**



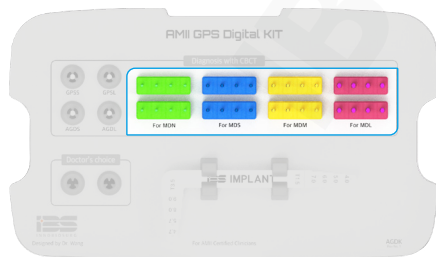
For fixture (D)	Ø 1.0	
Height	Short(5/29.5mm)	Long(5/37.5mm)
Code	GPSS	GPST



For fixture (D)	Ø 1.0	
Height	Short(3/29.5mm)	Long(5/37.5mm)
Code	AGDS	AGDL

Unit: mm

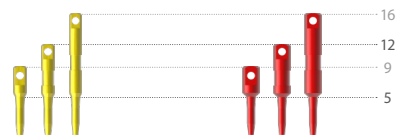
Magic Guide Pin



- Used to check the location and direction of implant placement by inserting it into a hole made with a GPS Drill.
- Used to make an accurate osteotomy by being used as an internal guide for the Magic Drill.
- Used as a landmark for CBCT.



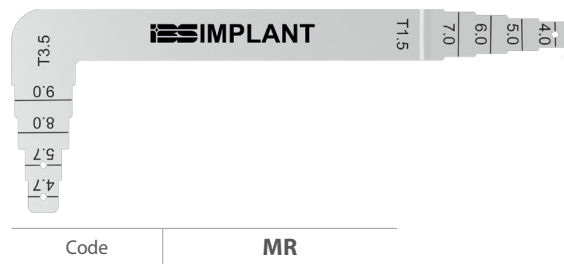
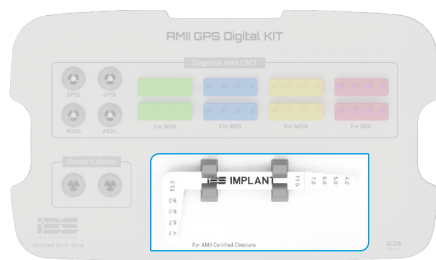
Code	P23(L/EL)	P33(S/L/EL)
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Code	P38(S/L/EL)	P48(S/L/EL)
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Unit: mm

Magic Ruler



- Used for checking the appropriate location based on diameter.
- Used for measuring the distance from the adjacent tooth.
- Used for evaluating the crown height space.

Management of Instruments

Instructions for connecting tapping instruments to the Hand Lever



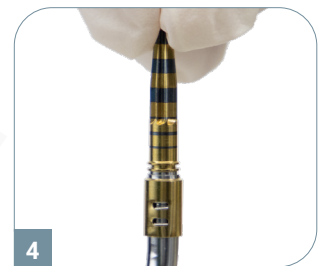
1 Pull the cover downwards.



2



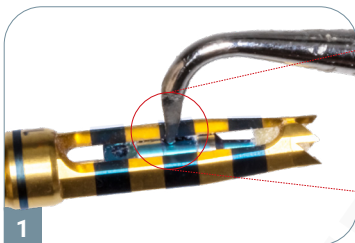
3 Connect an instrument and return the cover to its original position.



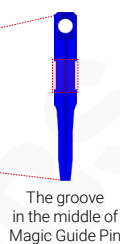
4 Ensure the instrument is securely connected.

How to use the Bone Remover

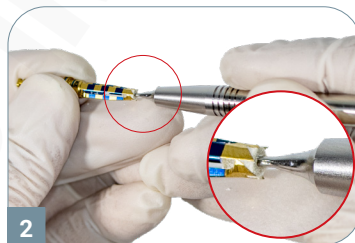
After 1st body preparation



1 Remove Magic Guide Pin by anchoring the Hook Tip to **the groove in the middle of Magic Guide Pin.**



The groove in the middle of Magic Guide Pin

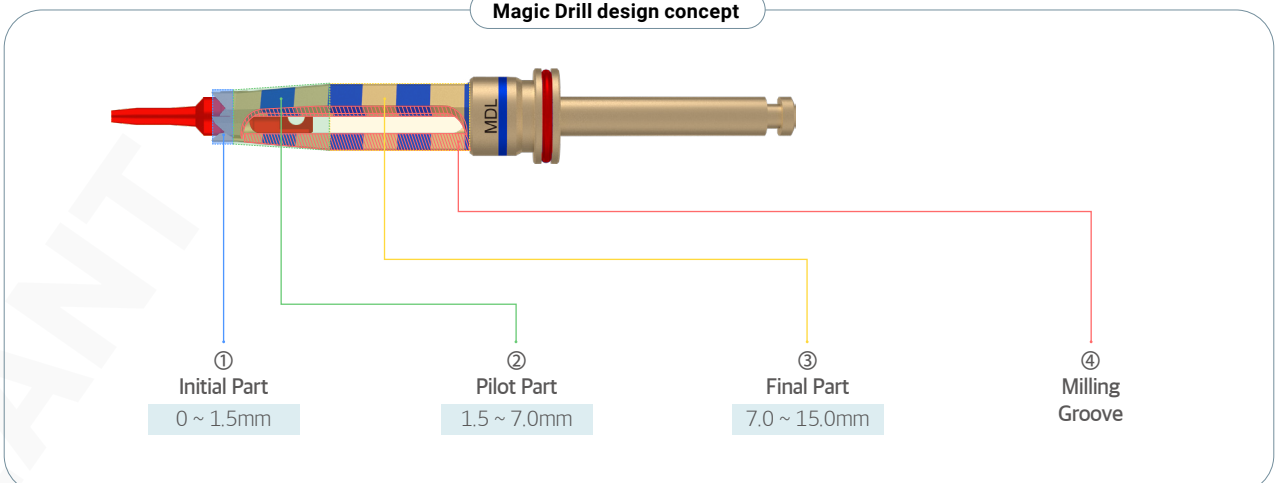


2 In case of failure in step 1, push the Magic Guide Pin into the Magic Drill with Drill Tip after removing soft tissue.



3 Then remove Magic Guide Pin by anchoring the Hook Tip to the groove in the middle of Magic Guide Pin.

Magic Drill design concept



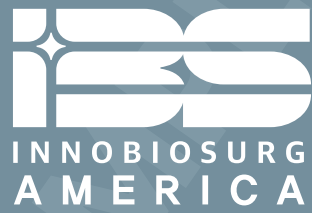


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