

Overdenture System Product

Catalog / Manual





Overdenture System

Product Catalog









Positioner

Magnetic Attachment



Mini Ball Attachment

Unit: mm, Scale 1: 1.5 / mm

Tilting Angle



Up to ± 15 degrees of angle tilting freedom for pathway of implant.

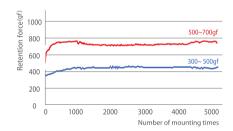


BPF3 and BAB352018 and FX4510SW

Mini Ball



- Mini ball size (Ø1.8)
- Mini o-ring type female socket
- Minimal-size female socket
- Mini o-ring are replacable



Female Socket

	BPF3 (300~500gf)
Art. No.	BPF2 (500~700gf)

Socket Spacer

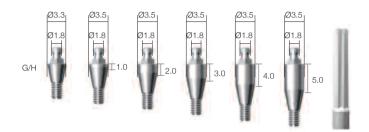
Art. No.	BIC3L
,	2.002



Unit: mm, Scale 1: 1.5 / mm

Mini Ball Abutment SuperLine

G/H	Art. No.
0	BAB 35 00 18
1.0	BAB 35 10 18
2.0	BAB 35 20 18
3.0	BAB 35 30 18
4.0	BAB 35 40 18
5.0	BAB 35 50 18



Mini Ball Abutment SrimpleLrinell

Application	Art. No.
Ø4.8	SOBAB 48 00
Ø6.5	SOBAB 65 00



Mini Ball Impression Coping



Mini Ball Analog

	DANII
Art. No.	BANI
7 (1 (. 1 40)	2, 12



SlimLine Mini Ball Type

Unit: mm, Scale 1: 1.5 / mm





BPF3 and **IBS202010**

L	Body Ø 2.0	Body Ø 2.5	Body Ø 3.0	Body Ø 3.5	Body Ø 4.0
06	IBS 2020 06	IBS 2520 06	IBS 3020 06	IBS 3520 06	IBS 4020 06
08	IBS 2020 08	IBS 2520 08	IBS 3020 08	IBS 3520 08	IBS 4020 08
10	IBS 2020 10	IBS 2520 10	IBS 3020 10	IBS 3520 10	IBS 4020 10
12	IBS 2020 12	IBS 2520 12	IBS 3020 12	IBS 3520 12	IBS 4020 12
14	IBS 2020 14	IBS 2520 14	IBS 3020 14	IBS 3520 14	IBS 4020 14

Comfort Cap

Art. No.	ICC



Mini Ball Impression Coping

Art. No.	ICA



Analog

Art. No.	IANF2015
/ \ \ \ \ \ \ \ \ \ \ \ \ \	1/ \(\ \(\ \)



Socket Spacer



Female Socket

A . + NI -	BPF3 (300~500gf)
Art. No.	BPF2 (500~700gf)



Positioner

Unit: mm, Scale 1: 1.5 / mm

For multiple-unit and full-arch restorations

Self Aligning: Self aligning mechanism allows easy and convenient

denture placement

Tilting Angle: Tilting Type (±10°) / Non Tilting Type (±5°)

Four Different Retention Options: 100gf, 300gf, 500gf and 1,000gf

Process to make overdenture using the Positioner

- 1. Non-tiling plastic socket having ±5° is recommended as a standard assembly
- 2. Make denture based on the white plastic socket having 100gf
- 3. If the path is not parallel (more than $\pm 5^{\circ}$), use the Tilting Type plastic socket having $\pm 10^{\circ}$
- 4. Select and use the plastic socket (300gf, 500gf, or 1,000gf) based on the desired retention force for the patient



Positioner Socket Set

Art. No.	FSMHS(Tilting Type ±10°)
AII. NO.	FSMHSN(Non Tilting Type ±5°)



Positioner Metal Socket

Art. No.	FSMH
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Positioner Plastic Socket

Application	Art. No.
Tilting Type ±10°	MSHP (Blue) MSMP (Orange) MSLP (Ivory) MSOP (White)
Non Tilting Type ±5°	MSHPN (Blue) MSMPN (Orange) MSLPN (Ivory) MSOP (White)

Retention Force	100gf	300gf	500gf	1,000gf
Retention Force	100gf	300gf	500gf	1,000gf

Positioner Block Out Spacer

Art. No.	PBOS



Unit: mm, Scale 1: 1.5 / mm

Positioner Abutment Ø3.5 SuperLine

G/H	Art. No.
1.0	PAB 35 10
2.0	PAB 35 20
3.0	PAB 35 30
4.0	PAB 35 40
5.0	PAB 35 50
6.0	PAB 35 60
7.0	PAB 35 70



Positioner Abutment SímpleLínell

Application	G/H	Art. No.
Ø 4.8	0	SOPAB 48 00
⊻4.0	1.0	SOPAB 48 10
Ø 6. 5	0	SOPAB 65 00
∅6.5	1.0	SOPAB 65 10



Positioner Impression Coping

Art. No.	PIC



Positioner Analog

Art. No. PAN		
	Art. No.	PAN



Positioner Core Tool

Art. No.	XPCT

Unit: mm, Scale 1:0.5/mm





Overdenture System



SuperLíne

Magnetic Attachment [Dome Type]

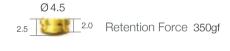
Unit: mm, Scale 1: 1.5 / mm



MGT4520D and MKP4520D and FX4510SW

Magnetic Assay

Application	Diameter	Н	Art. No.
MKP45D	Ø 4.5	2.0	MGT 45 20 D
MKP55D	Ø5.5	2.0	MGT 55 20 D





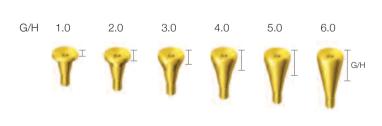
Implant Keeper Diameter Ø 4.5

G/H	Art. No.		
1.0	MKP 45 10 D	G/H	1.0
2.0	MKP 45 20 D		(%
3.0	MKP 45 30 D		V
4.0	MKP 45 40 D		
5.0	MKP 45 50 D		
6.0	MKP 45 60 D		



Implant Keeper Diameter \emptyset 5.5

G/H	Art. No.
1.0	MKP 55 10 D
2.0	MKP 55 20 D
3.0	MKP 55 30 D
4.0	MKP 55 40 D
5.0	MKP 55 50 D
6.0	MKP 55 60 D



Note: 1) The Implantium fixture with the size of Ø3.4 body is not recommended to be used with the magnetic abutment.
Should they be used together, abutment height after assembly will become 0.5mm longer than the other sized fixtures.
2) It is recommended to keep the torque level at 25~30 N·cm to tighten the magnetic abutment with the fixture.

SuperLrne

Magnetic Attachment [Flat Type]

Unit: mm, Scale 1: 1.5 / mm



MGT4515 and MKP4520 and FX4510SW

Magnetic Assay

Application	Diameter	Н	Art. No.
MKP45	Ø 4.5	1.5	MGT 45 15
	Ø 4.5	2.0	MGT 45 20
MKP55	Ø 5.5	1.5	MGT 55 15
	Ø 5.5	2.0	MGT 55 20

Ø4.5
1.5 ☐ Retention Force 400gf
Ø4.5
2.0 ☐ Retention Force 450gf
Ø5.5
1.5 ☐ Retention Force 700gf
Ø5.5
2.0 ☐ Retention Force 750gf

Implant Keeper Diameter Ø4.5

G/H	Art. No.
1.0	MKP 45 10
2.0	MKP 45 20
3.0	MKP 45 30
4.0	MKP 45 40
5.0	MKP 45 50
6.0	MKP 45 60



Implant Keeper Diameter Ø5.5

G/H	Art. No.
1.0	MKP 55 10
2.0	MKP 55 20
3.0	MKP 55 30
4.0	MKP 55 40
5.0	MKP 55 50
6.0	MKP 55 60



SímpleLíneII

Magnetic Attachment [Dome Type]

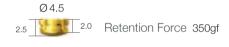
Unit: mm, Scale 1: 1.5 / mm



MGT4520D and SOMKP4820D and SOFX484310R

Magnetic Assay

Application	Art. No.
Ø4.8	MGT 45 20 D
Ø6.5	MGT 55 20 D





Implant Keeper

Application	G/H	Art. No.
Q4.0	2.0	SOMKP 48 20 D
Ø4.8	4.0	SOMKP 48 40 D
as s	2.0	SOMKP 65 20 D
Ø6.5	4.0	SOMKP 65 40 D





Overdenture System

Prosthesis Manual



Mini Ball Attachment



SlimLine



Positione



Magnetic Attachment

*Super*Lrne

Mini Ball Attachment

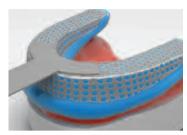
Chairside



Connect the Mini Ball Abutment onto the fixture.



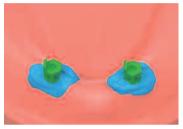
Affix the impression coping on the Mini Ball Abutment.



Take impression for the production of the individual tray



Produce the individual tray for denture impression.



Apply the impression material.



Take the final impression with the prepared individual tray.



After the impression material is set, discard the individual tray.

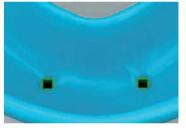


Image of the set final impression (with impression coping).

Lab side



Mini Ball Analog.



Insert analogs into the embedded impression coping.



Create the master model.



Socket spacer.



Fabrication of the denture with conventional method.

*Super*Lrne

Mini Ball Attachment

Case 1



Secure spaces for the female sockets.

Chairside



Connect the female sockets to the Mini Ball Abutments in the intraoral.



Apply small amount of the resin into the secured area.



Position the denture in the mouth and wait until the resin is completely set.



Female sockets are placed in the denture.



Polish and the overdenture is complete.

Case 2



Create holes for the placement of the female sockets.

Chairside



Connect the female sockets to the Mini Ball Abutments in the intraoral.



Examine for interference between the inner surface of the holes and the female sockets.



Apply the resin into the holes and wait until it is completely set.



Place the female sockets.



Apply resin around the female sockets.



Polish and the overdenture is complete.

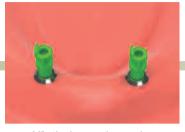
SímpleLínell

Mini Ball Attachment

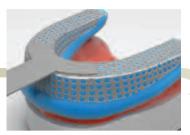
Chairside



Connect the Mini Ball Abutment with the fixture



Affix the impression coping on the Mini Ball Abutment.



Take impression for the production of the individual tray



Produce the individual tray for denture impression.



Apply the impression material.



Take the final impression with the prepared individual tray.



After the impression material is set, discard the individual tray.

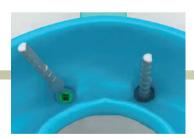


Image of the set final impression (with impression coping).

Lab side



Mini Ball Analog.



Insert the analogs into the embedded impression coping.



Create the master model.



Socket spacer.



Fabrication of the denture with conventional method.

SímpleLínell

Mini Ball Attachment

Case 1



Secure spaces for the female sockets.

Chairside



Connect the female sockets to the Mini Ball Abutments in the intraoral.



Apply small amount of the resin into the secured area.



Position the denture in the mouth and wait until the resin is completely set.



Female sockets are placed in the denture.



Polish and the overdenture is complete.

Case 2



Create holes for the placement of the female sockets.

Chairside



Connect the female sockets to the Mini Ball Abutments in the intraoral.



Examine for interference between the inner surface of the holes and the female sockets.



Apply the resin into the holes and wait until it is completely set.



Place the female sockets.



Apply resin around the female sockets.



Polish and the overdenture is complete.

SlimLine Mini Ball Type

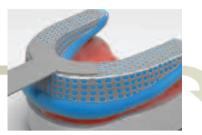
Chairside



Fixture installation.



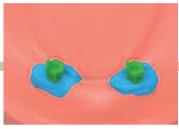
Affix the impression coping on the mini ball type fixture.



Take impression for the production of the individual tray.



Produce the individual tray for denture impression.



Apply the impression material.



Take the final impression with the prepared individual tray.



After the impression material is set, discard the individual tray.

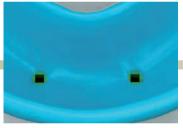


Image of the set final impression (with impression coping).



Comfort cap.

Lab side



Mini Ball Analog.



Insert analogs into the embedded impression coping.



Master model.



Socket spacer.



Fabrication of the denture with conventional method.

SlimLine Mini Ball Type

Case 1



Secure spaces for the female sockets.

Chairside



Connect the female sockets to the Mini Ball Abutments in the intraoral.



Apply small amount of the resin into the secured area.



Position the denture in the mouth and wait until the resin is completely set.



Female sockets are placed in the denture.



Polish and the overdenture is complete.

Case 2



Create holes for the placement of the female sockets.

Chairside



Connect the female sockets to the Mini Ball Abutments in the intraoral.



Examine for interference between the inner surface of the holes and the female sockets.



Apply the resin into the holes and wait until it is completely set.



Place the female sockets.



Apply resin around female sockets.



Polish and the overdenture is complete.

SuperLine Positioner

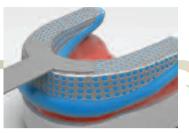
Chairside



Connect the Positioner Abutment onto the fixture.



Affix the impression coping on the Positioner Abutment.



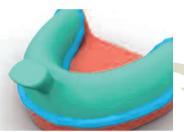
Take impression for the production of the individual tray



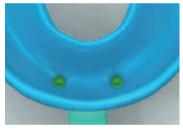
Produce the individual tray for denture impression.



After connecting the Positioner Abutment and the impression coping together, apply the impression material.



Take the final impression with the prepared individual tray.

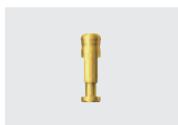


After the impression material is set, discard the individual tray.

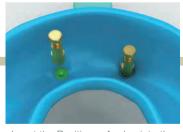


Image of the set final impression (with impression coping).

Lab side



Positioner Analog.



Insert the Positioner Analog into the embedded impression coping.



Create the master model.



"Block out" procedure to achieve the space required for the metal socket.



Fabrication of the denture with conventional method.

SuperLine Positioner

Case 1



Secure spaces for the female sockets.



Apply a small amount of resin into the space created for the metal socket.



Remove the denture after the resin is fully set. Image of the denture with the metal socket.

Chairside



Place the "block out spacer" on the Positioner Abutment in the patient's mouth.



Position the denture in the mouth and wait until the resin is completely set.



Remove the block out spacer from the patient's mouth.



Connect the metal socket onto the Positioner Abutment.



Remove the white plastic socket (100gf) using the positioner tool and replace with a regular plastic of a desired retention force (300, 500 or 1000gf).



Polish and the overdenture is complete.

Case 2



Create holes for the placement of the metal sockets.

Chairside



Place the "block out spacer" on the Positioner Abutment in the intraoral.



Connect the metal socket onto the Positioner Abutment.



Examine for interference between the inner surface of the holes and the female sockets.



Apply the resin into the holes and wait until it is completely set.



Remove the white plastic socket (100gf) using the positioner tool and replace with a regular plastic of a desired retention force (300, 500 or 1000gf).



Apply additional resin around the metal socket where there is a shortage of resin.



Apply resin around the metal socket.



Polish and the overdenture is complete.

SímpleLínell Positioner

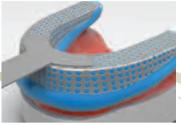
Chairside



Connect the Positioner Abutment onto the fixture.



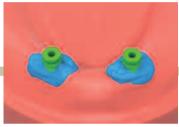
Affix the impression coping on the Positioner Abutment.



Take impression for the production of the individual tray



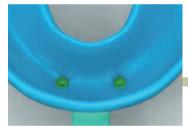
Produce the individual tray for denture impression.



After connecting the Positioner Abutment and the impression coping together, apply the impression material.



Take the final impression with the prepared individual tray.



After the impression material is set, discard the individual tray.

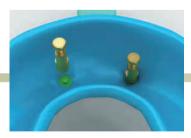


Image of the set final impression (with impression coping).

Lab side



Positioner Analog



Insert the Positioner Analog into the embedded impression coping.



Create the master model.



"Block out" procedure to achieve the space required for the metal socket.



Fabrication for the denture with conventional method.

SimpleLinell Positioner

Case 1



Secure spaces for the female sockets.



Apply a small amount of resin into the space created for the metal socket.

Chairside



Place the "block out spacer" on the positioner abutment in the patient's mouth.



Position the denture in the mouth and wait until the resin is completely set.



Connect the metal socket onto the positioner abutment.



Remove the white plastic socket (100gf) using the positioner tool and replace with a regular plastic socket of a desired retention force (300, 500 or 1000gf).



Remove the block out spacer from the patient's mouth.



Polish and the overdenture is complete.

Case 2



Remove the denture after the resin is

fully set. Image of the denture

with the metal socket.

Create holes for the placement of the metal sockets.

Chairside



Place the "block out spacer" on the Positioner Abutment in the intraoral.



Connect the metal socket onto the Positioner Abutment.



Examine for interference between the inner surface of the holes and the female sockets.



Apply the resin into the holes and wait until it is completely set.



Remove the white plastic socket (100gf) using the positioner tool and replace woth a regular plastic socket of a desired retention force (300, 500 or 1000gf).



Apply additional resin around the metal socket where there is a shortage of resin.



Apply resin around the metal socket.



Polish and the overdenture is complete.

SuperLine

Magnetic Attachment



After healing abutment removal.



Connect implant keeper with the fixture and tighten it with 25~30 Nem.



Implant keepers connected with the fixtures.



Position the magnetic assay on the implant keeper.



Secure spaces for the magnetic assays.



Examine for interference between the inner divets of the denture and the magnets.



Apply resin on the divets of the denture's inner surface.



Position the denture into the mouth and wait until the resin is completely set.



Position the denture into the mouth and wait for initial setting.



Remove the denture and apply resin around the magnet.



After the resin is completely set, remove excess. Polish and the overdenture is complete.

*Super*Lrne

Magnetic Attachment



Create holes for the placement of the magnets.



Examine for interference between the inner surface of the holes and the magnets.



Apply small amount of resin into the



Position the denture in the mouth and wait until the resin is completely set.



After initial setting, remove denture from the mouth.



Add the resin around the magnets.



Polish and the overdenture is complete.

SímpleLínell

Magnetic Attachment



Remove healing abutment.



Connect implant keeper with the fixture and tighten it with 25~30 Næm



Implant keepers connected with the fixtures.



Position the magnetic assay on the implant keeper.



Secure spaces for the magnetic assays.



Examine for interference between the inner divets of the denture and the magnets.



Apply resin on the divets of the denture's inner surface.



Position the denture into the mouth and wait until the resin is completely set.



Position the denture into the mouth and wait for initial setting.



Remove the denture and apply resin around the magnet.



After the resin is completely set, remove excess. Polish and the overdenture is complete.

SrmpleLrnell

Magnetic Attachment



Create holes for the placement of the magnets.



Examine for interference between the inner surface of the holes and the magnets.



Apply small amount of resin into the



Position the denture in the mouth and wait until the resin is completely set.



After initial setting, remove denture from the mouth.



Add the resin around the magnets.



Polish and the overdenture is complete.

Overdenture System



Mini Ball Attachment



SlimLine



Positioner



Magnetic Attachment



Overdenture System Product Catalog / Manual



Specifications are subject to change without prior notice. Some products to be launched in the market after necessary approvals are also listed in this catalog.